SWITCH ESG REPORT 2020

ENVIRONMENTAL | SOCIAL | GOVERNANCE



#### A MESSAGE FROM OUR CHAIRMAN, CEO & FOUNDER

# When I founded Switch, I intentionally incorporated the timeless principle of Karma into our culture – putting good energy into the world returns good energy.

The concept of Karma is deeply embedded in our business strategy, represented by our karma wheel logo, operating philosophy and how we treat clients, employees and the community. As Switch continues to expand its data center campus ecosystems in advance of the rapidly evolving technology landscape, we are vigilant on ensuring that the surrounding communities, economies and people also benefit from what we create.



We are recognized as a world-leader in exascale data center ecosystems, edge data center designs, industry leading telecommunications solutions and next-generation technology innovation that supports the mission critical infrastructure needs of our clients; including healthcare, technology, financial institutions, government, and all other manner of organizations that touch every aspect of our daily lives.

Switch seeks to sustainably power the future of the connected world by providing the most secure, energy efficient technology ecosystems to facilitate digital commerce, enhance human productivity and drive economic prosperity everywhere we have operations. **Data runs the planet**® and I believe that it should not ruin the planet.

We pursue these goals with a commitment to the highest ideals of integrity by operating within an ethical framework that supports doing the right things for the right reasons, and by leveraging the enormous power of our diversity of experiences, perspectives, backgrounds and cultures.

A cornerstone of our company is our unwavering commitment to environmental sustainability. Companies around the world must resolve to innovate and invest in a new generation of renewable technologies to lead us to a sustainable future. For the planet to survive, the global community must reduce carbon footprints, increase water efficiency and move to renewable power.

As a demonstration of our commitment to this goal, since January 1, 2016, we have powered our data centers with 100% renewable energy. Further, Switch's unique water processing technology increases water usage efficiency in our cooling towers by over 400%. We are also leading the development of a major 4,000 acre-foot effluent water pipeline in northern Nevada that will allow us to run our Citadel Campus on 100% recycled/effluent water.

Our reduction in greenhouse gas emissions has been a remarkable outcome of the technological advances and innovations we have pursued. I am particularly humbled that in 2018, Greenpeace rated Switch as the most environmentally conscious technology company in the world for our leadership in sustainability in Greenpeace's Clicking Clean Report. Switch was also awarded the EPA Green Power Leadership Award in 2019; and for the past several years, Switch has consistently ranked in the Top 10 for corporate clean energy use in Solar Energy Industries Association's Annual Report, alongside Apple, Amazon, Google and Facebook.

# None of this would be possible were it not for our incredible team members. They are our most important asset and we work hard to do our part to cultivate their talent and intellect.

The health and well-being of our team members is critically important, so we cover 100% of medical and dental insurance premiums for all team members and all of their family members, at no cost to them. Advancing our focus on proactive wellness, we have introduced the Life MUSE program – an innovative corporate wellness and lifestyle platform that incorporates the pillars of health, recovery, nutrition, meditation and professional development.

Our company's commitment to diversity and inclusion goes far beyond basic definitions of this critical social construct. It can be seen not only in our richly diverse workforce, but also in the number of women who have advanced into C-Level leadership positions. The positions of Chief Operations Officer, Chief Information Officer and Chief Construction Officer at Switch are all held by women. This is a direct result of our unwavering commitment to gender diversity and is a remarkable achievement in our (or any) industry. Switch also embraces important principles of social equality, including gender pay equity, establishment of \$15 per hour minimum wage more than four years ago, and fully paid medical benefits for employees and their families at no cost to them.

We have made a strategic effort to hire qualified military veterans, as their experience, discipline and leadership qualities are extremely valuable attributes. As a result of our proactive efforts, **veterans currently represent approximately 30% of our full-time employee workforce.** 

Switch proactively innovates to sustainably progress the digital foundation of the connected world, and the communities in which we work and live. Moreover, we invest in the people who will be future leaders in a world where technology plays an ever-more important role.

According to the World Economic Forum, "sixty-five percent of children entering primary school will end up in jobs that don't yet exist." Therefore Switch is building a workforce pipeline aimed at attracting some of the brightest young minds, propelled by significant investments in STEAM-based organizations like FIRST® Robotics, FIRST® Global, code.org, ArtPrize and Green Our Planet. These programs are inspiring the next generation of technology leaders and we are proud to take a leadership role by supporting these programs.

Our passion lies in inventing new solutions, and seeking answers to problems and enhancing human lives through technology, while working tirelessly to meet the perpetually evolving technological and energy needs of our clients. We have been aspiring to achieve these goals since our company began more than 20 years ago.

In times of triumph or challenge, Switch has proven a reliable, innovative partner to our clients, the communities we serve and the men and women who have shown such dedication to excellence in their service to our collective mission.

As we further demonstrate in the pages that follow, Switch is proof that a corporation can do good so that good may come to all.





#### **SWITCH COVID-19**

As the world grapples with and works to overcome COVID-19 and its impacts on all of our lives, we are humbled by the extraordinary commitment made every day by the men and women of Switch to ensure that their families, communities and this company remain strong.

During the height of the pandemic, Switch has provided important support to local communities and at its Prime Campus locations in various forms:

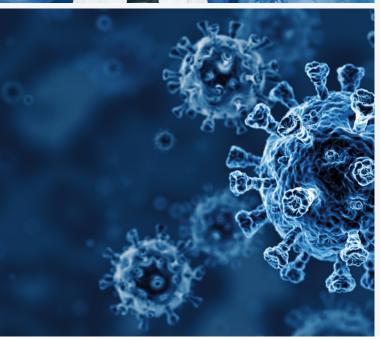
Utilizing the expertise of Quinn Pauly, MD, FAAFP, Switch's Chief Medical Officer, we established internal safety protocols. Dr. Pauly held a webinar co-sponsored by Switch and the UNLV Athletics Department and gave a live, one-hour Face The State television interview for channel KTVN in Reno largely devoted to COVID-19 education.

We established and coordinated the Business Emergency Operations Committee and Business Information Network for government agencies;

In Las Vegas, as a leading sponsor of the "Switch to Kindness!" Campaign, a partnership with the Vegas Chamber and the Las Vegas Metro Police Department (LVMPD) Foundation we supported the development of a platform to purchase electronic gift cards from local businesses to be distributed to Southern Nevada first responders;

In Northern Nevada, through the "COVID Kindness" program we provided front-line health care workers with hot meals;









**In Michigan**, through a partnership with The Grand Rapids Chamber, we supported local restaurants and provided meals to over 1,000 health care and public safety workers;

**In Atlanta** through support to the Douglas Strong Fund, we supported local restaurants and provided daily meals to hundreds of healthcare and public safety workers and funding for Elevate Douglas COVID Relief Small Business Grant Fund, in a partnership with Google, Douglasville, the Douglas Chamber and the Douglas County Economic Development Department;

We provided multiple FLU vaccine clinics at all Prime locations to reduce the risk and impact of employees and dependents contracting influenza infections during the COVID-19 pandemic; and

We hosted a blood drive during which employee blood-donors also were screened for COVID-19 antibodies so that those with high titers of antibodies could volunteer to have their antibodies used to treat others suffering from COVID-19.

We have seamlessly transitioned our non-data center staff to a safe and productive remote work environment and have maintained 100% continuity of our operations for our clients.

We continue to closely monitor developments surrounding the COVID-19 pandemic and remain in close contact with state and local authorities in each of our PRIME campus locations to ensure the safety of our employees, clients and suppliers.

Switch is honored to play a part in giving back to our campus communities during these uncertain times.

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### **ABOUT SWITCH**

Switch is a technology infrastructure ecosystem corporation whose core business is the design, construction and operation of the most advanced and highest-rated data centers on the planet. We believe that the future of humanity depends on the intelligent and sustainable growth of the Internet. As more people, businesses, governments and devices come online, the need for reliable data centers powered by renewable energy increases. Powered by 100% renewable energy since 2016, Switch's focus on sustainability and efficient technologies make our exascale ecosystems the most sustainable and cost-effective colocation environment in the industry. The Switch ecosystem empowers clients with a myriad of options for innovation, economies of scale, risk mitigation, sustainability and investment protection.

#### Our Approach to Meeting Third-Party Standards

This report provides disclosures compatible with the following third-party standards. All related metrics are disclosed in our integrated sustainability index in the Appendix of this Environmental Social and Governance (ESG) report.



Sustainability Accounting Standards Board (SASB)



Task Force on Climate-Related Financial Disclosures (TCFD)



Global Reporting Initiative (GRI)



Greenhouse Gas (GHG) Third Party Verifications

#### **WORLD-LEADING SUSTAINABILITY**



BEHIND-THE-METER RENEWABLE ENERGY



DATA CENTERS

**DEDICATED RECYCLED WATER** 



INDUSTRY-LEADING **RESILIENT CONNECTIVITY** 



**CAMPUS LOCATIONS** 



#### **WE SUPPORT**

Other notable third-party certifications, memberships and partnerships:





























#### **SUSTAINABILITY AWARDS**

# 2019

**SEIA Solar Means Business Report Recognition** 

# 2019

**EPA Green Power Leadership Award** 

## 2019

**Smart Energy Decisions: Data Center Energy Efficiency Technology Award** 

# 2018

**SEIA Solar Means Business Report Recognition** 

## 2017

**Greenpeace Clicking Clean Report** - all "A" grades and celebrated as a **Definitive Leader** 

# UN GLOBAL COMPACT

We are pleased to share that Switch became a participant of the United Nations Global Compact in 2021. In doing so, we affirm that we support the Ten Principles of the United Nations Global Compact on human rights, labor, environment, and anti-corruption. We have folded the UN Global Compact and its principles into the Switch strategy, culture, and day-to-day operations. On an annual basis, we will share a communication of progress with the UN towards support of the Ten Principles including goals, action plans and outcomes.



#### Our Commitment to United Nations Sustainable Development Goals

Reflected in our principle of Karma, we focus on putting good energy into the world which returns good energy. Switch has committed to initiatives, business practices, and policies that reflect our pledge to put good energy into the world. This commitment is aligned primarily to six United Nations Sustainable Development Goals (UN SDGs).

- **SDG #3:** Good Health and Well-Being Ensure healthy lives and promote well-being for all at all ages
- **SDG #5: Gender Equality** Achieve gender equality and empower all women and girls
- SDG #6: Clean Water and Sanitation Ensure availability and sustainable management of water and sanitation for all
- **SDG #7: Affordable and Clean Energy** Ensure access to affordable, reliable, sustainable and modern energy for all
- 5 **SDG #9: Industry, Innovation, and Infrastructure** – Build resilient infrastructure, promote inclusive and sustainable industrialization and foster innovation
- SDG #13: Climate Action Take urgent action to combat climate change and its impacts

This pledge to the UN SDGs is demonstrated through our data center design, our policies, our responsible business practices, and our community engagement where we make the strongest impact. Throughout this report, we highlight areas of our business where we actively show our commitment to the UN SDGs.





















#### **SWITCH ESG HIGHLIGHTS**

# **ENVIRONMENTAL**



100% Renewably powered since 2016



0 - Scope 2 emissions since 2016



Carbon Intensity = 9.5 mtCO2e / million USD (Revenue)

# SOCIAL



CIO, COO, CCO and CMO are women



40% Ethnic Diversity across total work force



Switch pays for 100% of medical insurance premiums for all employees and their family members

# GOVERNANCE



38% of Board is female (3 of 8)



75% (6) Independent directors



50% Board diversity ratio



FOR Board Oversight of ESG



# CORPORATE GOVERNANCE

#### **BOARD COMPOSITION AND QUALIFICATION STANDARDS**

Switch currently has eight Board members, including six independent directors. Each director is nominated for a one-year term, and holds office until his or her successor is duly elected and qualified, or until the earlier of such director's death, retirement, disqualification, resignation or removal.

When considering whether directors and nominees have the experience, qualifications, attributes or skills, taken as a whole, to enable the Board to satisfy its oversight responsibilities effectively in light of our business and structure, the Nominating and Corporate Governance Committee and the Board evaluate each individual in the context of the Board as a whole. The objective is to assemble a team that can best perpetuate the success of the business and represent stockholder interests through the exercise of sound judgment using its diversity of experience, thought, backgrounds and cultures. When considering director candidates, the Nominating and Corporate Governance Committee and the Board evaluate them in accordance with the qualification standards and additional selection criteria set forth in the Corporate Governance Guidelines Attachment A.



#### **BOARD ESG OVERSIGHT**

The Nominating and Corporate Governance committee provides oversight and guidance to management regarding Switch's environmental, social and governance program and initiatives, including matters related to climate-related risks and opportunities, human rights, diversity, and privacy and data security.



# **DIVERSITY POLICY AND ADDITIONAL SELECTION CRITERIA**

Diversity of race, ethnicity, gender, age, cultural background or professional experience are among the qualification standards as the Board believes that having a diverse Board promotes inclusiveness and enhances the Board's deliberations. The Board is dedicated to maintaining a Board with a broad scope of experience, expertise, and perspectives to promote the consideration of differentiated viewpoints, address Switch's evolving strategic needs, and strengthen its competitive position. Accordingly, the Nominating and Corporate Governance Committee is committed to achieving and maintaining diversity among Board members, and with respect to any director position to be filled by a new candidate, the Nominating and Corporate Governance Committee will ensure that candidates of diverse backgrounds are considered as part of the search process. Currently, the Switch Board includes three female directors, representing half of our independent directors.

For additional information on Switch policies regarding Board Structure, Shareholder Rights, Voting Provisions, Executive Compensation, Risk Oversight, and Independent Public Accounting Firm please reference our latest Proxy Filing.

For information on Stakeholder Governance policies, please follow the provided links to related sections within our ESG document.

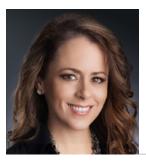
- Lobbying and Political Expenses
- Bribery & Corruption
- Whistleblower Programs

- Diversity, Equity and Inclusion
- Environmental Policy Statement
- GHG Reduction and Environmental Procurement Policy

#### **EXECUTIVE OFFICERS**



**Rob Roy** Founder, Chairman and Chief Executive Officer (21 years)



Melissa Young Chief Information Officer (16 years)



Teresa Borden Chief Construction Officer (14 years)



**Thomas Morton** President and Chief Legal Officer (13 years)



Gabe Nacht Chief Financial Officer (6 years)



#### **DIRECTORS**



**Rob Roy** Chairman of Board of Directors



**Donald Snyder** Lead Independent Director, Nominating & Corporate Governance Committee Chair



**Kimberly Sheehy** Director, Audit Committee Chair



**Bryan Wolf** Director, Compensation Committee Chair



**Angela Archon** Director



Liane Pelletier Director



Zareh Sarrafian Director



**Tom Thomas** Director



#### COMMITTEES

We currently have three standing committees: an Audit Committee, a Compensation Committee and a Nominating and Corporate Governance Committee. From time to time, the Board may form a new committee or disband a current committee, depending on the circumstances. The charters of all three of our standing Board committees are available on our Investor Relations website under the "Governance — Governance Documents" section.

	Nominating and Corporate Governance	Audit	Compensation
Angela Archon	•		
Liane Pelletier	<b>å</b>		
Zareh Sarrafian	<b>&amp;</b>	•	
Donald Snyder	<b>≥</b> <sup>cc</sup>		۵
Kimberly Sheehy		<b>≥</b> <sup>cc</sup>	<b>-</b>
Bryan Wolf		4	<b>≜</b> <sup>cc</sup>
♣ = Chairperson ♣ = Meml	per		

### **AUDIT COMMITTEE**

Switch has a standing Audit Committee. Our Board has determined that each of these directors is independent as defined by the applicable rules of the NYSE and the heightened independence standards for members of an audit committee required by the Securities and Exchange Commission (the "SEC"), and that each member of the Audit Committee meets the financial literacy and experience requirements of the applicable SEC and NYSE rules. In addition, our Board has determined that each member of the Audit Committee is an "audit committee financial expert" as defined by the SEC. None of the Audit Committee members currently serve on the Audit Committee of any other public company. Click here for the Audit Committee Charter.

## NOMINATING AND CORPORATE **GOVERNANCE COMMITTEE**

Switch has a standing Nominating and Corporate Governance Committee. Our Board has determined that each of these directors is independent as defined by the applicable rules of the NYSE. Click here for the Nominating and Corporate Governance Committee Charter.

## INFORMATION TECHNOLOGY SYSTEM CONTROLS AND SECURITY OVERSIGHT

The Switch Board of Directors' Nominating and Corporate Governance Committee provides oversight and guidance to management regarding Switch's information technology system controls and security, including periodically reviewing Switch's cybersecurity and other information technology risks, controls, initiatives and action plans. Our data privacy and cybersecurity programs and policies cover all Switch business activities across all geographic locations in which we operate.

## **ESG OVERSIGHT AND BOARD** MEMBER EXPERIENCE

The Nominating and Corporate Governance committee provides oversight and guidance to management regarding Switch's environmental, social and governance program and initiatives, including matters related to climate-related risks and opportunities, human rights, diversity, and privacy and data security.

Liane Pelletier: Ms. Pelletier is an NACD Board Leadership Fellow and has earned the NACD/Carnegie Mellon Certificate in Cybersecurity Oversight. Ms. Pelletier is qualified to serve as a member of our Board based on her career in telecommunications, her experience in board practices around cybersecurity, ERM, and ESG oversight as well as the breadth of her roles and leadership on matters like succession planning and shareholder engagement.

Donald Snyder: Mr. Snyder has served as Chairman of the Governance Committee for Western Alliance Bancorporation, a nationally chartered bank, listed on the NYSE, with a market cap of more than \$7 billion. In this role, he has been actively engaged in the effort to elevate the bank's ESG effectiveness and ratings and maintained primary ESG oversight for the Board. These efforts have included in-depth internal training sessions in the Governance Committee, facilitated with input from respected outside experts, including NACD, KPMG and outside legal counsel. His duties as Chairman of the bank's Governance Committee also include reporting to the full Board a summary of those Committee sessions. Mr. Snyder continues to read extensively on the subject of ESG, including articles produced by NACD and Bank Director Magazines.

Zareh Sarrafian: Mr. Sarrafian served as Chairman of the Governance committee of Pacific Premier Bancorp, Inc. since 2016, where he has engaged in consistent discussion and focus on ESG related topics, including training through trade organizations, Bank Directors, and NADC. In this role, Mr. Sarrafian has led an intentional effort to achieve diversification of the bank's board of directors, to reflect the uniqueness and diversity of its constituents and community. He has also provided valuable input toward office design and operations to incorporate efficient and clean energy use, natural resource conservation, and waste management.

#### COMPENSATION COMMITTEE

Switch has a standing Compensation Committee, which consists of Ms. Sheehy and Messrs. Snyder and Wolf, with Mr. Wolf serving as chair. Our Board has determined that each of these directors is independent as defined by the applicable rules of the NYSE. **Click here** for the Compensation Committee Charter.





# ENVIRONMENTAL

POLICIES AND PROCEDURES



As a leading technology infrastructure and data center colocation provider, Switch's most important opportunity to impact global climate change is to reduce the impacts associated with the electricity used to power our data centers. Switch has been tirelessly committed to powering its data centers with 100% renewable power. Since January, 2016, all Switch data centers have run on 100% renewable energy in all our Prime Campus locations.

#### **BUSINESS CASE FOR GOING 100% GREEN**

Switch has always made sustainability a top priority and been an industry leader in this regard. Our commitment to sustainability leadership and 100% renewable energy is not only a social and environmental imperative, but also provides significant competitive advantages and cost savings for Switch.

Switch paid an "impact fee" of \$27 million to NV Energy. This enabled Switch to become an unbundled purchaser of energy in Nevada, allowing the company to pursue openmarket alternatives for procuring and purchasing renewable power at a reduced cost. This additional flexibility in energy procurement allowed Switch to recoup its \$27 million impact fee expense within less than two years of operations, and has resulted in over \$40 million of total power-related cost savings as of December 2020.



As this savings is shared with our clients, we believe our ability to offer 100% green energy compared to our peers provides a unique competitive advantage for Switch. As enterprise clients continue to focus more acutely on their own sustainability initiatives, we believe our market leadership in low-cost renewable power will prove to be increasingly critical in the years to come.

In addition to the ongoing competitive and financial benefits described above, Switch also receives energy efficiency rebates annually from our local utility providers. The company is able to qualify for these rebates because of the reduced energy usage associated with our patented and customized data center equipment, including air handling units, power distribution systems, and overall efficiency of our designs and processes.

"Improving the energy efficiency of our nation's data centers has become more critical than ever as our digital economy expands. Switch's data centers are among the most efficient in the industry, and we also commend the company for its use of renewable energy in powering its data centers."

- Jean Lupinacci, Chief of the ENERGY STAR Commercial & Industrial Branch

## CLIENT ECO-EFFICIENCY PROGRAM AND TRANSPARENCY

Switch's clients deploy their compute, server, storage and networking equipment into Switch's data centers, maintaining the ability to manage and operate their own equipment. Switch has little influence over the environmental profile of its clients' deployments, but make it a priority to provide clients with a variety of tools and data to manage their own energy use. Through Switch's Living Data Center portal, clients have access to both real-time and historical energy use, by server and by rack, inside Switch data centers. Our systems provide clients with real-time access to energy usage data for transparency and reporting

purposes and clients can optimize their equipment and data processing requests to minimize energy use.



Switch provides its clients with a Sustainability Certificate for using 100% renewable energy within our technology ecosystem. This certificate demonstrates that Switch has retired Renewable Energy

Credits (RECs) on behalf of our clients, enabling them to designate their energy consumption from any Switch data center as 100% renewable. These RECs comply with Greenpeace's principles of locality, additionality, and sustainability; and were generated by Nevada solar farms in 2019.

"By moving our data center to a Switch facility that eliminates 265,000 carbon tons of emissions from the environment, we're able to ensure our viewers can reliably stream The Handmaid's Tale or Monday Night Football while moving towards green and sustainable operations with our data centers."

- Hulu Tech Blog

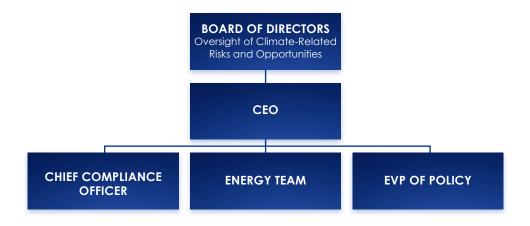
For sustainability press releases issued with our clients please click here.

#### THE SUSTAINABILITY TEAM

Switch leads sustainability initiatives from the top. Under the direction and vision of our CEO, Switch's EVP of Policy and Energy Team develop the programs and practices we implement in support of sustainability. Team members within the Energy and Policy departments contribute to these initiatives on a day-to-day basis, and all Switch employees support our company posture to operate as green as possible. Switch's CEO reviews strategic sustainability plans and overall progress on a regular basis with sustainability of the planet as a constant priority for Switch.

For policy-related risks, Switch's energy team - overseen by its EVP of Policy - has two staff members dedicated to tracking, assessing, and as necessary implementing policies and programs related to climate change. These staff identify new threats and opportunities through participation in industry organizations, engagement with non-profits, active public policy work in data center communities, and engagement with our clientfacing and investor-facing company teams. Issues and opportunities are raised as they arise to the EVP of Policy and at least annually through Switch's annual planning process during which resources are allocated for new initiatives and programs.

Climate-related policy risks sit alongside other important company matters such as data security, physical security, intellectual property protection, and other similar matters in the annual planning processes, and assessed in their materiality to the company as part of resource allocation decisions. When risks and opportunities are identified for action, the climate and energy program team is responsible for implementing programs as required. See Climate Risk Management section below for additional information.



#### WASTE DISPOSAL AND RECYCLING



Switch is committed to performing an annual review of its environmental impact of all business operations and will seek cost-effective ways to minimize our impact on the environment, which includes options for waste and recycling. As with GHG emissions and water, we pursue many opportunities to align our long-term financial interests with responsible waste disposal.

We pride ourselves on our commitment to sustainability and it is our corporate policy to purchase all "green" or 100% recycled items where available. This policy includes the recycling of business waste through a series of recycling programs.

#### Examples of our eco-friendly waste programs:

- E-waste is recycled through a third-party firm in accordance with applicable federal state and local regulations and within the guidelines of R2 (Responsible Recycling), eStewards and ISO 14001
- All used UPS/Generator batteries are recycled through an EPA certified third-party battery recycling company. This encompasses 100% of our hazardous waste generation
- We implemented a wood pallet recycling initiative that drove a significant reduction in our overall landfill waste volume
- We recycle all scrap wire and metal from our construction sites
- We leverage third-party software vendors to securely e-sign and process documents
- Recycling containers are provided throughout our offices and data center facilities for the disposal of recyclable waste
- All offices have shred bins for paper which is destroyed and recycled by a third-party
- All employees are provided with reusable recycled bottles that can be filled from Switch provided water filtration stations in our workplaces
- All employees are given a Switch cinch bag made from recycled material
- Water bottles provided for onsite client visits are made from 100% recycled materials
- Switch "SWAG store" items are packaged in 100% recycled plastic



Since 2019, our paper shredding and recycling program has preserved over 1,000 trees while saving an estimated 450,000 gallons of water and over 24,000 gallons of oil

We now measure and track all waste at each of our data center campus locations, including single stream recycling, secure paper shredding, electronic waste and battery recycling, municipal solid waste and construction waste. These tracking capabilities will enable us to better quantify the impacts of various process improvements and continue to improve the environmental sustainability of our operations.

Below is a table of quantitative metrics regarding our waste disposal and recycling program, covering all company operations across each of our data center campus locations.

WASTE DISPOSAL METRICS 1	2019	2020	YoY	YoY%
LANDFILL WASTE	1,558.4	837.9	(720.5)	-46%
RECYCLED MATERIALS	'	-		
SCRAP METAL	140.2	189.3	49.1	35%
BATTERIES <sup>2</sup>	22.5	109.1	N/A	N/A
CARDBOARD	74.9	60.6	(14.3)	-19%
PAPER	26.0	38.3	12.3	47%
ELECTRONIC DEVICES	5.9	13.3	7.4	125%
PLASTICS	2.4	0.6	(1.8)	-76%
ALUMINUM	1.3	0.7	(0.7)	-51%
TOTAL RECYCLING	273.3	411.8	(0.7)	51%

TOTAL MEASURED WASTE	1,831.7	1,249.7	(582.0)	-32%
% OF TOTAL WASTE RECYCLED	15%	33%		

<sup>&</sup>lt;sup>1</sup> Volumn measured in tons

<sup>&</sup>lt;sup>2</sup> UPS/Generator batteries comprise 100% of hazardous waste



#### WATER CONSERVATION AND WATER RECYCLING



Switch's proprietary water processing technology allows Switch to reuse its water, eliminate chemicals from its cooling systems and increases efficiency by 400%; generating savings of more than 155 million gallons of water in just the past three years.

Switch is leading the development of a 4,000-acre-foot effluent water pipeline in Northern Nevada, scheduled for completion in 2022, allowing the company to run its Citadel data center campus on 100% recycled/effluent water.

#### This project has many benefits to the community, environment and all parties involved:

- Reduction of nitrates that would otherwise be put into the Truckee River, protecting local wildlife and certain endangered species
- Elimination of a potential rate increase for consumers by deferring the cost of upgrades to the existing water treatment facility
- Increase of the municipal water treatment capacity for the cities of Reno and Sparks, enabling the construction of up to 25,000 additional homes

In 2015, data centers consumed approximately 2% of the power in the United States, and by 2030 data centers may consume as much as 10% of the power in the United States - United States Data Center Energy Usage Report, June 2016

# Since January 2016, all Switch data centers have run on 100% renewable energy in all our Prime Campus locations

#### **ENVIRONMENTAL POLICY STATEMENT**



Switch reveres the principles of additionality, locality, sustainability, advocacy, and compassionate stewardship in its power procurement, use and operations. Switch is committed to the highest standards of environmental performance and sustainable design in all our data centers, in the general course of day-to-day business and to improving the company's performance over time. Sustainability is central

to our business philosophy, and is the guiding principle to our data center designs and operations. Our founder and CEO has more than 500 patents and patent pending claims that not only help us deliver 100% uptime for our clients, but are equally focused on energy efficiency and sustainability innovation.

#### Switch's sustainability sitting policy includes unyielding commitments to:



- Operate our facilities with 100% renewable electricity, and to implement policies and practices that further ensure we are proactive and responsible stewards of the climate and the environment, preventing harmful emissions whenever possible
- Strive for optimal energy efficiency and tenets of sustainability in the design of our data center facilities, with a level of leadership and innovation that enables us to perform well above industry standards and invite others to do the same
- Seek higher levels of performance, efficiency and optimize with each new facility we build
- Comply with all environmental laws and regulations as applicable to our business, including design, construction and building permits, and advocate for advancements in such policies and standards
- Be transparent and open in our communications about our efforts
- Advocate for and participate in public policy and industry standards debate to help raise awareness, and champion sustainable initiatives and challenge the industry status quo
- To review our full Environmental Policy, click here

As a leading technology infrastructure and data center colocation provider, Switch's most important opportunity to impact global climate change is to reduce the impacts associated with the electricity used to power our data centers. Switch has been tirelessly committed to powering its data centers with 100% renewable power.

## **ENVIRONMENTAL** PROCUREMENT POLICY

As a global leader in sustainable data center design and operations, and viewed as a thought leader for corporate citizenship, Switch is committed to procuring goods and services in a manner that enhances the sustainability profiles of our data centers and our operations. We implement this commitment by working collaboratively with suppliers of our most important and impactful commodities to ensure our purchases meet the highest environmental performance standards, as required by our industryleading specifications. This includes, but is not limited to, commodities such as energy, water, air handlers, lighting, roofing and building sensors.

# "Data runs the planet® and we want to ensure it doesn't ruin the planet."

- Rob Roy, Switch CEO and Founder



Switch's Chief Construction Officer leads the performance management of construction suppliers across the company's supply chain - with the

oversight of Switch's Founder and CEO Rob Roy. The construction team carefully selects firms to complete all phases of data center construction. Contracts with these suppliers include legally binding requirements to comply with Switch's rigorous development standards, permit conditions, and land use authority rules, and above all to protect the confidential information and trade secrets of Switch and its clients. Contractor performance is monitored by a licensed third-party inspection, testing and management agency at each Prime Campus location. Additionally, the third-party agency is managed by our internal certified Qualified

Compliance Inspector of Stormwater and Preparer of Storm Water Pollution Prevention Plans. Inspections are conducted on a weekly basis unless an unexpected event occurs that requires an interim inspection to be conducted in accordance with any and all local, county, state and/or federal requirements. If suppliers were to breach their obligations they would be promptly notified and managed through appropriate contractual, monetary, or legal actions. This includes setting deadlines for remedial actions or improvements, as necessary.

#### CLIMATE RISK MANAGEMENT



We identify climate change and its impacts as a risk to our business, but also as an opportunity to gain a competitive advantage through innovation and

a commitment to renewable energy. In assessing these risks and opportunities, we think about climate change in terms of how it affects our business and how we affect the environment.

We have identified five primary ways climate change might impact our business: 1) operating costs, 2) site selection, 3) client demand, 4) water stress, and 5) natural disasters.



#### **GHG REDUCTION PROGRAM**



Switch prepares a detailed greenhouse gas inventory each year, and publishes the results on the sustainability section of our corporate website. The scope

of our review includes all direct (Scope 1) and indirect (Scope 2) emission sources, as defined by the GHG Protocol Corporate Accounting & Reporting Standard. The GHG Protocol is the most widely used tool for quantifying GHG emissions and has been adopted throughout the world.

The boundary of the inventory extends to all assets under Switch's operational control. Generally, emissions calculations are based upon quantitative data sources such as purchase records, metering equipment, and service records. Emission sources include our electricity supply (both locationbased and market-based emissions are reported), renewable energy purchases and retirements, onsite diesel combustion for backup generation, relevant refrigerants used in our cooling systems, and motor vehicles used in support of site operations.



Switch's primary focus in reducing its greenhouse gas emissions is to ensure all data centers remain 100% renewably power - even as the company grows.

In 2019, greenhouse gas emissions from Switch's electricity use would have represented more than 98% of its greenhouse gas footprint had the company not committed to renewable energy. Switch's 2020 greenhouse gas footprint from all other in-score sources was reduced from 2019 and totals only 4800 metric tons.



### **TARGET:**

Switch is committed to reducing its footprint from minor sources. For example, Switch has improved its inventory and record-keeping processes for coolant management and minimizes the use of its diesel generators.



#### TARGET:

Maintain annual Scope 1 emissions below 10,000 metric tons CO2 and annual Scope 2 emissions of zero metric tons CO2

#### PHYSICAL CLIMATE RISK MANAGEMENT PROGRAM



As a data center provider, the ability to effectively identify and manage operational and environmental risk is fundamental to Switch's core business and its reputation. Physical risks related to climate change such as frequent severe weather events, rising sea levels, increased flooding, droughts, consistently higher heat levels, and disruptions to supporting infrastructure such as electrical service due to these events, are managed using Rob Roy's patented designs and through core business processes [implemented] throughout the company.

Physical Protection: Switch purpose-builds its data centers to enable full control of building design and construction and highly advanced protections against severe weather events. Switch does not use or permit any equipment to penetrate the repairable/replaceable dual roof system and locations are outside a 100-year flood plain.



- Switch maintains full-power backup systems that include redundant utility feeds, full-site battery capacity, and onsite backup generation to recharge the batteries if they are needed over a long period of time
- Switch has secured mission-critical status fuel delivery contracts to ensure that its fuel deliveries will take priority over the utility's other clients
- Switch's patented Redundant Data Center Roofing System (Switch Shield) is a dual, 200-mph-rated roofing system to mitigate extreme weather conditions. The system allows perpetual repair and replacement of the roof components without interrupting critical systems operations
- Switch's cooling system design allows the data center to be able to run indefinitely without water, has outside air pollutant detection, and is protective response enabled. All cooling water is located outside the data center building shell with no water permitted on or above data center floor.



Switch has management processes to address both risks to our data centers arising from a changing climate (physical risks), and risks to our company stemming from policies and public sentiment related to climate change (policy risks). Neither of these processes are executed in isolation; both are part of larger company risk management processes.

Considering and mitigating the risks of extreme events (of all kinds) is a routine responsibility of Switch's planning, operations and executive teams including the current and future prevalence and risk of adverse impacts from natural disasters or severe weather events when selecting new data center locations. Physical threats to the data center from all foreseeable causes are routinely planned for, drilled and managed. Switch's Founder and CEO Rob Roy oversees the company's facility design and construction alongside Switch's Chief Construction Officer, who continually works to develop and implement data center design improvements and advances in equipment, systems and processes to create the most advanced data center ecosystem in the world.

#### T-SCIF



We refer to our patented 100% Hot Aisle Containment Row technology as the Switch Thermal Separate Compartment in Facility ("T-SCIF") or the Chimney Pod. The T-SCIF (Chimney Pod) creates a fully contained hot aisle between parallel rows of cabinets. The heat from the clients' equipment exhausts into the hot aisle, where it vents up into a hot-air plenum and out of the data center via extraction fans. Simultaneously, cold air is released from the overhead vents in the cold room into the intakes of the IT equipment in the cabinets, which cools the equipment. The exhausted hot air is never allowed to blend back into the cold room, which helps ensure that our clients' IT equipment operates in the correct environmental conditions. Using this cooling method, we are able to cool power levels that significantly exceed those of traditional data centers. Our ability to support these increased densities enables our clients to use and buy less cabinet space to house their equipment, which reduces the cost of their deployment and enhances energy efficiency.





#### ROB ROY'S GIGAWATT NEVADA



In 2015, Switch and Capital Dynamics partnered through Rob Roy's vision to develop one of the largest solar footprint and battery storage projects in the technology industry. At full development, the project will provide 1 Gigawatt of solar power and over 800 MWhs of battery storage.

The project is the equivalent of removing the carbon from approximately 250,000 cars off the road and eliminating over 1.3 million carbon tons of emissions from the environment. This will generate enough clean energy to power over 200,000 homes.

The first phase of Rob Roy's Gigawatt Nevada is a 360 MWh battery storage system located in Boulder City, NV.

This project was recently recognized as the 2019 Financial Investment of the Year by S&P Global Platts at its Global Energy Awards Event.

A subsequent phase of this project located in Storey County, NV will be a 127 MW behind-the-meter solar project with a 240 MWh battery storage system. Behind-the-meter projects generate power off the public grid, placing no burden on legacy public utility production.

## This will be the largest behind-the-meter solar project in the world.



To date, the projects that are underway will generate a total of 555 MW of solar power and utilize 800 MWhs of battery storage. We expect to announce additional phases in the near future. The project drew praise from Nevada Governor, Steve Sisolak, as well as leading national renewable energy advocates.

"Nevada can enjoy the benefit of needed economic growth and strike a critical balance for the environment and precious natural resources. This project represents a major advancement for Nevada and we applaud Switch and their partners for continuing to push the envelope of sustainable business operations and renewable energy."

- Rose McKinney-James, managing partner of Rose McKinney-James and Associates and Energy Works LLC and long-time clean energy proponent.



#### GOOD NEIGHBOR COMMITMENTS

Switch is actively engaged in mitigating its impact on the environment and communities where its data centers are located. This involves technologies used on the generators for mechanical noise reduction which includes engine and radiator fan noise. To achieve noise reduction levels, Switch added baffled air intake and radiator discharge plenums. Switch also increased the area, density and thickness of the internal insulation materials. To strengthen exhaust noise reduction, we installed larger internal exhaust silencers with additional external secondary silencers, resulting in a 30dBA reduction from previous designs and sound levels reduced to approximately 46dBA vs. 76dBA (@ 100').

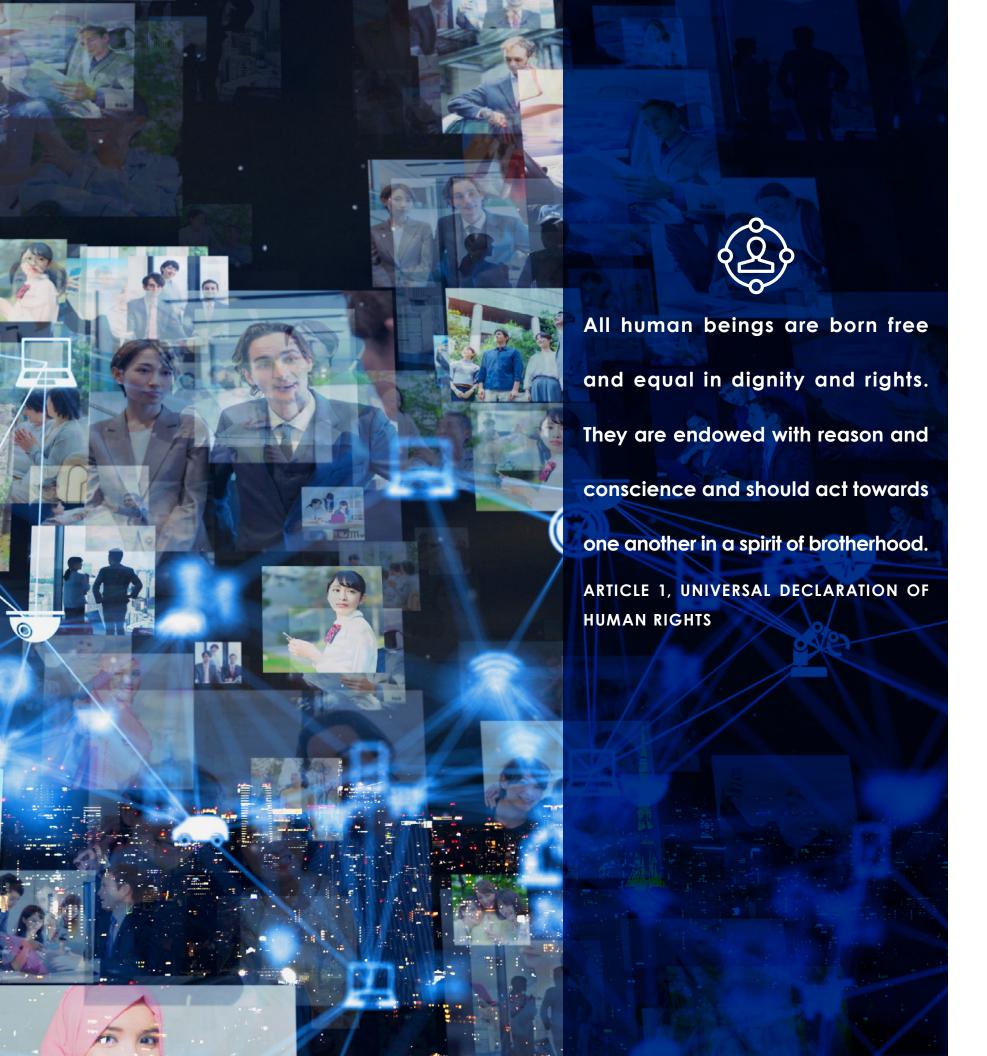


While most of Switch's data center campus locations are within commercially zoned areas, in the fastgrowing city of Las Vegas, residential areas sprung up and single-family houses became our neighbors. We wanted to ensure the sheer size of Switch's data centers and air handlers did not detrimentally impact the surrounding neighborhood.

To ensure this, Switch hired a third-party consultant to evaluate the noise level for our air handling units. The consultant conducted a study that would assist the company in avoiding negative impacts in residential neighborhoods. The feedback from the consultant resulted in modifications to our AHUs that surpassed Nevada code title 30 section 68's requirements.

Previously, deployed air handler units were designed so that the compressors were not fully enclosed. The compressors were located next to the coils and vented panels. This resulted in noise levels that could be heard 200-300 feet away, and as the units ran longer and harder, it resulted in higher noise levels.

To address this issue, the compressors were moved within the AHU and fully enclosed with padding so that they could not be heard beyond 5-10 feet, resulting in a noise reduction of approximately 95%.



# HUMAN CAPITAL

#### **HUMAN RIGHTS STATEMENT**

Switch's commitment to human rights is embodied in our core values of honesty, integrity and accountability, which form the basis of the Switch Culture Code. Switch takes seriously the importance of offering a workplace free of unlawful discrimination, harassment and retaliation. Our expectation is that all clients, employees, agents and business partners will be treated with respect and dignity, and that our interactions with others will be free from abuse, discrimination and corruption of all kinds. We do not tolerate forced or child labor, human trafficking or slavery in any form and are committed to the protection of minority groups and women's rights.

Our company policies, including our Employee Handbook and Switch Business Code of Conduct prohibit discrimination and outline our policies preventing unlawful discrimination, harassment and retaliation, and the numerous resources employees have if they wish to report any potential violations of these policies. Switch also conducts harassment training for all of its employees. All reports of potential violations of policy are promptly addressed by members of Switch's Human Resources and/or Legal department.

Since our founding in 2000, Switch has had ZERO substantiated claims of discrimination



#### **WORKFORCE RIGHTS STATEMENT**

"In line with our values and an approach of fairness and social well-being for all employees, Switch maintains an open door policy and welcomes discussion regarding changes potentially affecting our employees, even where there is no obligation to do so.

Switch is committed to providing a fair living wage and fair working hours for all employees. We are dedicated to upholding the highest standards of occupation health and safety, and our policies encompass facility and operations in all regions."

Switch closely monitors its occupational health and safety (OH&S) performance including work related injuries, diseases and fatalities.

OH&S PERFORMANCE METRICS	2017	2018	2019	2020
WORK-RELATED INJURIES	8	4	4	5
OCCUPATIONAL DISEASES	0	0	0	0
FATALITIES	0	0	0	0



Switch believes in promoting the health of our employees and their families and provides a comprehensive benefits package.

MEDICAL AND DENTAL INSURANCE	All premiums paid for employees, their families and/or domestic partners
LIFE AND AD&D INSURANCE	Paid by Switch with voluntary supplemental available
401(K) PLAN	Comprehensive 401 (k) plan and Safe Harbor employer matching
MEALS DURING WORKING HOURS	100% paid by Switch
GYM MEMBERSHIP	Reimbursed by Switch

The full list of Switch benefits can be found here.



#### COMMITMENT TO DIVERSITY, EQUITY, AND INCLUSION

#### Switch's DEI Policy



Switch was founded on the principle of KARMA and is committed to fostering a culture of diversity, equity and inclusion. We value talent, innovation, passion, and intelligence as Switch's most valuable assets. These assets shape our company culture, reputation, and achievement and are dependent upon the varying perspectives, life experiences, backgrounds, and abilities of our employees.

We embrace and encourage our employees' differentiated insights, including those enriched by gender, gender expression, age, race, religion, color, ethnicity, disability, family or marital status, national origin, physical or mental ability, political affiliation, sexual orientation, socio-economic status, veteran status, and all other characteristics that make our employees unique. To reinforce our commitment to diversity, equity, and inclusion, all team members are required to complete annual diversity awareness training. In addition, Switch formed a Diversity Council that is chaired by our President and Chief Legal Officer and led by our VP of Human Resources.

The council oversees diversity initiatives such as: 1) Raising awareness about the value of a diverse workforce; 2) Partnering with business units to drive diversity strategies and goals, develop business unit-specific tactics, report outcomes and celebrate successes; 3) Promoting key internal and external diversity programs and determining accountability for recruiting, training, developing and retaining diverse talent; 4) Raising awareness about the importance of community outreach and the inclusion of diverse suppliers in our procurement process; and 5) Sharing information and analytics about the clear relationship between diversity and business performance.

WORKFORCE DIVERSITY METRICS	2018	2019	2020
ANNUAL EMPLOYEE TURNOVER PERCENTAGE	17%	16%	15%
NUMBER OF WOMEN IN WORKFORCE	138	153	154
WOMEN AS A PERCENTAGE OF TOTAL WORKFORCE	19%	19%	20%
NUMBER OF WOMEN IN SENIOR MANAGEMENT 1	15	21	20
NUMBER OF WOMEN IN EXECUTIVE MANAGEMENT 2	8	7	10
TOTAL NUMBER OF NEW HIRES	131	179	88
NUMBER OF WOMEN NEWLY HIRED	37	45	17
AVERAGE YEARS EMPLOYED (FEMALES)	2.8	3.0	3.9
AVERAGE YEARS EMPLOYED (MALES)	3.6	3.9	4.5
NUMBER OF ETHNIC MINORITY EMPLOYEES	240	245	291
ETHNIC MINORITIES AS A PERCENTAGE OF TOTAL WORKFORCE	33%	31%	40%

<sup>&</sup>lt;sup>1</sup> Includes VP and above

<sup>&</sup>lt;sup>2</sup> Includes SVP and above

<sup>&</sup>lt;sup>3</sup> Total headcount at year end 2020 was 759



Since its founding, Switch has embraced a culture of diversity and equality, and is a technology company where women represent more than half of our senior leadership team.

Workforce diversity is critical to success at Switch because it empowers us to deliver superior client service, attract and retain talented employees, maximize productivity, and serve the communities in which we operate. Switch provides annual workplace diversity training to all its team members that focuses on what diversity is, how it's different from discrimination, and what team members can do to become more inclusive of others.

# EQUAL EMPLOYMENT OPPORTUNITIES

Switch provides equal employment opportunities (EEO) to all employees and applicants. Switch is an equal opportunity employer and makes employment decisions on the basis of merit. In accordance with applicable law and the Equal Employment Opportunity Commission ("EEOC"), Switch prohibits discrimination against any applicant or employee based on any legally recognized basis, including, but not limited to: race, color, religion, sex, sexual orientation, gender identity, gender expression, pregnancy (including childbirth, lactation or related medical conditions), age, national origin or ancestry, physical or mental disability, veteran status, uniformed service member status, genetic information (including testing and characteristics), or any other consideration protected by federal, state or local laws. Switch's commitment to equal opportunity employment applies to all persons involved in Switch's operations and prohibits unlawful discrimination by any employee or agent of

Switch, including supervisors and coworkers. This policy applies to all terms and conditions of employment, including recruiting, hiring, placement, promotion, termination, layoff, recall, transfer, leave of absence, compensation and training.

#### **GENDER PAY EQUALITY**



Switch is committed to providing competitive and equitable pay to all team members without regard to race, color, religion, sex, sexual orientation, gender

identity, gender expression, pregnancy (including childbirth, lactation or related medical conditions), age, national origin or ancestry, physical or mental disability, veteran status, uniformed service member status, or genetic information.

This information is contained in our internal EEO-1 Report. The data is provided annually to the U.S. Department of Labor for statistical analysis available to the general public.

GENDER PAY STATISTICS 1	2019	2020
ANNUAL COMPENSATION PER EMPLOYEE	\$87,264	\$95,821
ANNUAL COMPENSATION PER FEMALE EMPLOYEE	\$96,700	\$104,143
ANNUAL COMPENSATION PER MALE EMPLOYEE	\$84,986	\$93,717

<sup>&</sup>lt;sup>1</sup> Compensation data reflects base salary and bonus for all full-time employees



# TARGETED RECRUITMENT OF MILITARY VETERANS

At Switch, we make a concerted effort to hire qualified military veterans. We find their experience, discipline, and leadership qualities as extremely valuable attributes, particularly within our mission critical data center operations and security staff. Veterans currently represent over 25% of our full-time staff, the majority of whom work within our Security Operations team.

Veterans comprise 80% of our security staff and 30% of our overall workforce

#### **BUSINESS PARTNER GUIDELINES**

Switch is committed to maintaining the highest standards of conduct, and we follow the mantra that if you put good energy out, good energy will return. We rely on our vendors and service providers to support this commitment. These Business Partner Guidelines (these "Guidelines") apply to all Switch business partner relationships, including vendors, contractors, resellers, consultants, suppliers and service providers, and each

of their employees, agents and subcontractors (each, and collectively, a "Provider").

Switch is dedicated to working with partners and service providers who share our fundamental values and demonstrate their own commitment to promoting individual human rights. We expect our Representatives to treat their employees, agents, clients and business partners with respect and dignity, free from abuse, harassment or discrimination based on any status, condition or category protected by law. Providers must fully comply with all applicable labor, health and safety, anti-discrimination, anti-retaliation and other workplace laws, including those addressing equal pay, child labor, forced labor, slavery and human trafficking, and wage and hour laws.

Prior to onboarding new business partners, applicants are expected to review and attest to the Switch Business Partner Guidelines, which is inclusive of our Human Rights Statement and Code of Business Conduct and Ethics.



#### SMALL AND DIVERSE SUPPLIERS

Switch is also committed to providing opportunities for qualified businesses owned by people of diverse backgrounds to participate synergistically with our company. Of our current list of providers 15% are qualified as a small or diverse business. We continue to encourage diversity by engaging a broad range of business partners, and sourcing goods and services from the communities we serve whenever possible.

# Of our current list of providers, 15% are qualified as a small or diverse business

Switch is a corporate member of WESTERN REGIONAL MINORITY SUPPLIER DEVELOPMENT COUNCIL (WRMSDC), an affiliate of NMSDC



WRMSDC supports the growth and welfare of minority communities by championing the use of minority-owned businesses in Northern California, Nevada, and Hawaii. The organization works to advance business opportunities for certified minority business enterprises and connect them to Corporate Members. Its parent organization, the National Minority Supplier Development Council, helps over 12,000 minority businesses connect with major Fortune 500 corporations and their buyers every year.

#### TALENT RECRUITMENT

Switch recognizes that our team members are our greatest asset. As Switch continues the pursuit of designing, building and operating the world's most advanced data centers and leading through innovation in technology infrastructure, we know that our continued success depends on the sustained contributions of bright, energetic, talented people who share our mission-critical mindset. Our recruitment and hiring efforts result in a diverse workforce mirroring the communities in which Switch does business.

# STEAM EDUCATION WORKFORCE PIPELINE DEVELOPMENT



At Switch, we understand that recruiting talent for the technology industry has to start at an early age. According to the World Economic Forum "sixty-five percent"

of children entering primary school will end up in jobs that don't yet exist." That is why Switch is building a workforce pipeline aimed at attracting some of the youngest, brightest minds. We achieve this through partnerships with STEAM-based organizations like the For Inspiration and Recognition of Science and Technology Organization (FIRST Robotics), Code.org, ArtPrize and Green Our Planet. Switch is a large proponent of STEAM education because we fundamentally believe it is what will inspire the next generation of technology leaders. We choose to partner with these organizations because they align with our mission of supporting and promoting STEAM education throughout the world.

One of the STEAM-based organizations that Switch regularly supports, FIRST, is a non-profit organization inspiring K-12 student to become science and technology leaders by engaging them in exciting mentor-based programs that build science, engineering, and technology skills. FIRST fosters innovation skills and well-rounded life capabilities including self-confidence, communication, and leadership among students. Not only does Switch provide funding for various programs throughout the organization, but many of our own team members get involved through mentorship and volunteer opportunities.

Switch is a primary sponsor of FIRST Robotics regional competitions in our Prime locations: Las Vegas, Tahoe Reno, Atlanta and Grand Rapids.





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#### HIGHER EDUCATION PARTNERSHIPS

Switch has partnered with universities and community colleges to develop curricula and to setup a workforce development pipeline to meet the future demands of specialty careers in technology throughout Nevada.

# UNLV

#### University of Nevada, Las Vegas (UNLV)

Switch hosts the Intel Cherry Creek Supercomputer for UNLV at its Core Campus in Las Vegas and donated a private high-speed optical fiber connection to the UNLY campus, providing researchers access to worldclass computing power and enabling UNLV to be the most connected University in the nation. Cherry Creek Supercomputer was ranked among the top 500 supercomputers and the 41st most energy efficient computer in the "Green 500" rankings. UNLV will have the opportunity to acquire new research grants and top faculty members as the computer helps to advance fields including genomics and bioinformatics, medical and climate research, molecular modeling and data analytics. The supercomputer enables UNLV to be on par with top-tier research universities nationwide and helps them to further their efforts toward becoming a Tier 1 Research University.



University of Nevada, Reno

#### University of Nevada, Reno (UNR)

Switch provided an in-kind donation to UNR for 5-years of critical infrastructure support including space, power, data storage and security for UNR's new highperformance computing cluster that offers 30 times more computing power. The cluster hosts programs to commercialize stationary robotic and advanced manufacturing systems, unmanned aerial vehicles, driverless cars, and underwater robots. It will be used for research that will include artificial intelligence, robotics, and computational biology. Click here for more information.



#### College of Southern Nevada (CSN)

Switch partnered with CSN to create an Associate of Applied Science Degree in Air Conditioning Systems-Critical Systems to prepare students for employment in technical, high-wage and high-demand fields. To date, hundreds of students have majored in Critical Systems at CSN. 100% of those who have gone through the program and interned with Switch have been hired.



#### **Truckee Meadows Community College of** Southern Nevada (TMCC)

Switch partnered with TMCC to create an Air Conditioning Systems-Critical Systems degree. Switch also donated equipment to Truckee Meadows Community College's to the training program for data center engineering technicians in anticipation of the workforce demands of Switch's Citadel Campus in Tahoe Reno. Graduates will be trained in operations and maintenance of commercial heating and cooling systems. Switch donated a cooling tower to the program so that students can work on the same equipment in the lab as they would work on at Switch and will provide training to TMCC faculty.



#### TALENT DEVELOPMENT

#### **New Hire Orientation**

The importance of delivering an impactful New Hire Orientation and onboarding experience cannot be overstated, as this is the first experience of every Switch team member. That is why we consider and evaluate this experience with the utmost priority. Our incredibly organized and well-executed event sets the bar high for Switch's expectations of our new team members.

#### Technical, Safety & Professional Development Training

Promising 100% uptime is one thing; having a talented group of committed team members delivering consistent excellence for 20 years is what makes Switch an undisputed leader in the data center industry. To stay at the forefront of our industry, we recognize that it is critical to invest in our people. That's why we provide our team members comprehensive technical, safety, and professional development training. Our team members collectively logged over 4,800 training hours last year, equating to more than 6 hours per employee.

# In 2020, training programs were offered and taken by 100% of Switch's full-time employees

#### **Client Support Team Training**

Switch team members come from a diverse range of professional backgrounds, so providing technical training for working in a mission-critical data center environment is a necessity. Many operational departments even have their own dedicated training organizations to analyze, develop, and implement role-specific and other technical training that meets the ever-evolving needs of our critical personnel. The Client Support team, the nucleus of our operations, commits 90 days to training new hires on internal communication standards, data privacy, and using Living Data Center, our proprietary data center infrastructure management system. The Data Center Operations team also dedicates 90 days to training new technicians to thrive in Switch's critical power and cooling environment. Security Operations has a training team who has developed and facilitates a weeklong Security Academy for each new Security Officer.





#### Safety Training

It is critical that our teams not only perform their jobs competently, but safely. Switch provides role-based safety training including, but not limited to, CPR/AED/ First Aid, Forklift and material equipment operation, Arc Flash (NFPA 70E), Fire Riser and Extinguisher operation and response, and Ladder and Scaffolding safety. We have taken the time to craft content specific to our organization. Many of our instructors are Switch team members; they know the landscape of Switch better than any external instructor and can intuitively recognize what team members need to work safely in a colocation data center environment.

#### **Comprehensive Leadership Programs**

In addition to the technical skills vital to day-to-day operations, Switch team members must be equipped with essential skills such as decision making, problem solving, and critical thinking. As our team members develop, so do the roles they undertake. This is why Switch consistently invests in comprehensive leadership programs. We've even hired an in-house leadership development expert to create and facilitate multiple annual leadership training programs specific to the needs of Switch.

#### Open Feedback Culture

Switch promotes an open feedback culture through the use of our online team member portal. Switch is committed to conducting business in accordance with the highest ethical standards. Consistent with those standards, we encourage employees to discuss complaints, suggestions or questions with their supervisor, human resources, or a Switch executive. Employees utilize this Voluntary Open-Door policy for reports and ideas that are not addressed through the Company's specific reporting procedures. For times when a team member would like to remain anonymous, we have engaged a thirdparty contractor to provide all Switch employees with access to a confidential Ethics Hotline.

#### Medical and Dental Insurance Premiums



At Switch, the health of our team members is critically important. That is why we offer one of the most competitive benefits programs in the industry. Switch covers 100% of medical and dental insurance

premiums for all enrolled team members AND their dependents. Switch also offers a competitive 401(k) plan, as well as the option to participate in voluntary supplemental insurance, FSA and vision plans. To view more please visit Switch's Careers webpage.

#### **Meal Program**

During any full shift at Switch, team members are able to enjoy meal-related benefits which include complimentary lunch from a variety of restaurants each day as well as a paid lunch break, allowing for team members to remain on site and available. Switch believes in offering this exceptional benefit in support of the mission-critical nature of our business and the commitment to 24/7 availability to our clients.

#### "Fitness for Life" Gym Reimbursement Program

With optimal health as the driving incentive behind the benefits we offer, Switch has implemented a Fitness for Life Gym Reimbursement program which will refund a significant portion of the cost of an average gym membership on a bi-weekly basis to our team members.

#### **Onsite Medical and Wellness Program**

Switch has taken its commitment to physical health to the next level with the addition of our newest department, LIFE MUSE, which is the health and wellness division of Switch under the guidance of Quinn Pauly, MD, FAAFP. This innovative corporate wellness and lifestyle platform incorporates the pillars of health, fitness, recovery, nutrition, meditation and professional development.

#### Bonuses, Increases and Advancement

Switch also offers the opportunity to earn annual performance-based bonuses, annual pay increases, and encourages upward mobility through meritbased internal promotions.



# Switch INSIDER

#### LATEST NEWS INSIDE Switch



## WorkHealthLife is Switch's comprehensive Employee Assistance Program (EAP) which provides you and your family with immediate and confidential support to help resolve work, health, and life challenge

	QUICKLINKS
switch	switch.com
5 W   T C HD O C K	switchdock.com
innevation	innevation.com
0	swag.switchdock.com
UltiPro	ultipro.com
<u>≡</u> 8	Address Book
0	Digital Business Cards
O TELADOC.	Teladoc
CDC	CDC

#### TEAM MEMBER ENGAGEMENT

#### Switch INSIDER

Switch's internal communications platform, Switch INSIDER, is designed to create inclusiveness by providing real time communication with our staff. With daily updates, it is our goal to keep team members informed, educated and proud of what we are doing as a company. In an effort to further increase team member awareness, the Switch Engagement team also hosts Speaker Series events for all employees on a variety of topics focused on our company's mission. These series are also recorded and live on our company's internal site for those employees who cannot attend in person. Previous topics include, energy & sustainability, sustaining our physical world in a digital age and a look into our digital future.

#### **Appreciation Celebrations**

To further show appreciation for our team members, Switch hosts an annual holiday party where every employee receives a technology-forward gift from our CEO and Founder, Rob Roy. Any time a team member welcomes a new child into their family or has a major life event such as a wedding, they are offered an incredibly generous gift card. Many of our departments also hold monthly group birthday celebrations.

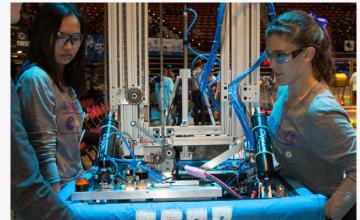
#### MENTORSHIP PROGRAMS

#### FIRST® Robotics

One of the STEAM-based organizations that Switch regularly supports, FIRST® (For Inspiration and Recognition of Science and Technology), is a non-profit organization inspiring K-12 students to become science and technology leaders by engaging them in exciting mentor-based programs that build science, engineering, and technology skills. FIRST fosters innovation skills and well-rounded

life capabilities including self-confidence, communication, and leadership among students. Not only does Switch provide funding for various programs throughout the organization, but many of our own team members get involved through mentorship and volunteer opportunities. The process to volunteer is located on Switch's internal share drive for all employees to access.





#### **Employee Turnover**

Switch prides itself on hiring the right people and doing our best to provide the resources, incentives, leadership, and upward mobility to ensure a positive, long-term relationship with our valued employees. Human Resources retains its employee turnover rate and provides a weekly, monthly, and annual departmental headcount report to Finance and the Board of Directors. Over the past five years, our annual employee turnover rate has ranged from 15%-18%. Average employee turnover across the Technology industry was approximately 21% according to the 2018 Mercer U.S. Turnover Survey. Since 2012, our employee turnover rate has never been above 20% in any single year.

Switch has established a strong track record of retention among its senior leadership team; with an average tenure of 9 years within its C-Suite and EVP-level staff, and an average tenure of 7 years for all VP-level and above staff.

#### PERFORMANCE MANAGEMENT AND TRAINING

#### **Performance Reviews**

Switch encourages supervisors and employees to discuss job performance and goals on an informal, day-to-day basis. All Hourly/Non-Exempt Employees, Supervisors and Managers receive an annual performance review. Formal performance reviews may be conducted throughout an employee's introductory assessment period and after an initial period of time in any new position, and as needed. Performance reviews provide team members with the opportunity to discuss job tasks, identify areas of improvement, encourage and recognize strengths, and discuss positive, purposeful approaches for meeting goals.

#### **Management Training**

All team managers at Switch receive annual training on how to complete performance reviews for their teams, this ensures that they are familiarized with what to expect. Switch has provided various performance management courses on topics including (but not limited to): Enhancing Team Communication,

Resolving Conflict, Collaborative Decision Making, and Building on Style Differences.

Switch offers intensive online and workshop-driven curricula and training that holistically develops the talent of our company and the integration with our clients and vendors. In addition, quantitative targets are used in annual performance reviews to track employee progress for criteria specific to each individual's role, and is used by supervisors to set goals and expectations for future employee development.

To ensure our managers and supervisors understand their vital roles as department leaders, Switch provides a comprehensive review of the processes and procedures to effectively navigate the "how to" of Human Resources. These interpersonal tools are the key building blocks leaders will need to effectively lead their teams and continually enhance their people management skills. Any innovative ideas and challenge/solution scenarios are reviewed by an internal committee.



#### **PHILANTHROPY**

Switch was founded on the principle of karma: putting good energy out into the world and getting good energy

back. As Switch builds more data centers to respond to the rapid growth of the Internet, we work to ensure that the surrounding communities, economies and the planet also benefit. Each year, we set aside funds designated to supporting our local communities.



#### **Rob Roy's Innevation Center**

**Rob Roy's Innevation Center** is our Founder and CEO's philanthropic contribution back to the state of Nevada. It is a collaborative co-working and event space that is focused on the advancement and exploration of emerging technologies like artificial intelligence, robotics, and STEAM education.



#### University Nevada Las Vegas (UNLV)

Switch has collaborated closely with UNLV to foster educational progress, career opportunities, and entrepreneurship in the local community.

- Switch partnered with UNLV on its athletics initiative focused on sports-science, data analytics and student-athlete success; creating the Switch Sports Science Studio with a multi-year financial grant
- Switch donated money towards the UNLV Senior Design Competition for the College of Engineering Design Project and hosted it free of charge at Rob Roy's Innevation Center



#### **Nevada Museum of Art**

Switch was previously a multi-year supporter of the Nevada Museum of Art STEAM Curriculum program in Reno: 6,500 Pre-K-12 grade students receive STEAMbased educational lessons annually.1,200 Pre-K-12 teachers participate in professional development programs annually. Switch also committed a pledge to the Nevada Museum of Art at Symphony Park development in Las Vegas.



#### **Green our Planet**

Switch is a Platinum Sustaining Sponsor of Green Our Planet Outdoor Garden Classrooms. Green our Planet runs the largest school garden program in the United States and the largest student-run farmers market in the nation. They build outdoor vegetable garden classrooms and develops curriculum focused on STEAM, health and nutrition, emphasizing the importance of fresh foods and healthy eating among youth. These efforts have resulted in: 150 gardens built, 80,000+ students benefiting, 3,000+ teachers actively using their STEAM curriculum, a 200+ student farmer's market, and 1,200 teachers trained.



Switch is a major multi-year sponsor of ArtPrize, an international art competition in Grand Rapids, Michigan as the exclusive sponsor powering the ArtPrize STEAM Village Learning Lab and Mobile STEAM Lab experiences.



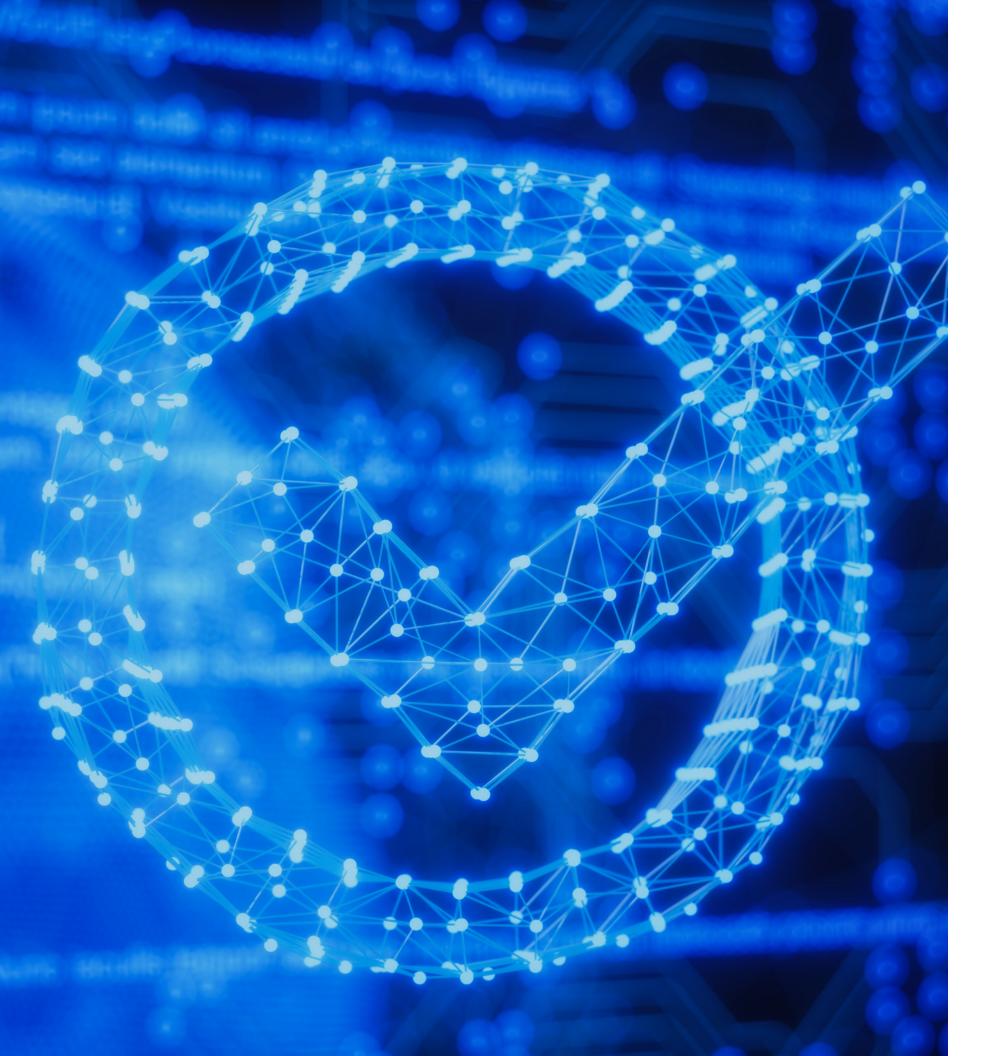
#### CONNECTIVITY FOR GOOD | The Switch SUPERLOOP® Upgrades Rural Education

Switch extended fiber from the Switch SUPERLOOP® to upgrade and connect rural Nevada schools to highspeed broadband communications, increasing internet capacity by 2000% and decreasing costs by 14%. Switch provided private loans to White Pine, Lyon and Elko County school districts to fund their network equipment, leveraging our telecommunications buying power to reduce costs and improve the speed of internet connectivity in Northern Nevada schools.

Fiber and connectivity from the Switch SUPERLOOP® serves as the backbone for local ISPs – Valley Communications and Churchill County Communications – to deliver high-speed broadband to rural school districts in Northern Nevada. This increased high-speed connectivity and bandwidth enhances access to technology in the learning environment, and provides the infrastructure to support the future growth of technology integration within these rural districts for years to come. For example, this high-speed connectivity allows schools to administer standardized testing over the internet without the interruption of slow and unreliable service. Lost connections in the middle of an exam can force students to start over, which is simply unacceptable.

#### Switch fiber enables the following connections for educational purposes:

- · Beatty High School and the greater Beatty community with service via Valley Communications, now the first all fiber-optic community in Nevada
- Hawthorne Elementary School via Churchill County Communication
- Lyon County School District via Churchill County Communications
- Switch directly services the Walker River Paiute Tribe community



# BUSINESS ETHICS

#### **BUSINESS ETHICS PROGRAM**

Switch is committed to addressing major business ethics risks and to upholding the highest ethical standards among its executives, employees, and business partners, while addressing ethics risks related to our business.

# The company has adopted a <u>Code of Business</u> <u>Conduct and Ethics</u> (the "Code") to encourage:

- Honest and ethical conduct, including fair dealing and the ethical handling of actual or apparent conflicts of interest
- Full, fair, accurate, timely and understandable disclosures
- Compliance with applicable laws and governmental rules and regulations
- Prompt internal reporting of any violations of law or the Code
- Accountability for adherence to the Code, including fair process by which to determine violations
- The protection of Switch's legitimate business interests, including its assets and corporate opportunities
- Confidentiality of information entrusted to directors, officers and employees by Switch and its clients



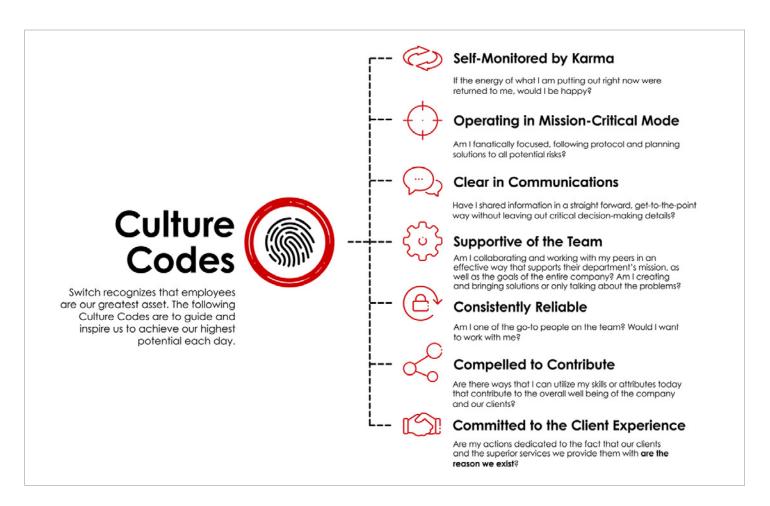
#### Oversight and Ethical Risk Assessments

Switch's Ethics policy is overseen by the Switch Board of Directors Audit Committee, which is comprised of three independent board members. At least annually, the Committee is required to meet with senior management and our third-party auditors to consider and discuss Switch's ethics policy as set forth in the Code of Business Conduct and Ethics, and to discuss the procedures in place to enforce the Code's provisions. The Audit Committee must also discuss Switch's policies with respect to risk assessment and risk management, ensuring that measures are in place to continually identify and mitigate ethics-related risks faced by the company. Please reference our **Audit Committee Charter** for additional information regarding Audit Committee responsibilities.

Managers and supervisors have an important responsibility to lead by example and maintain the highest standards of behavior. Department and business unit leaders should promote a work environment where employees understand their responsibilities and feel comfortable raising issues and concerns without fear of retaliation. If a manager becomes aware of an ethics violation or has knowledge of a potential ethics-related issue, they are expected to take immediate steps toward resolution.

#### **Operating Guidelines**

As a set of guidelines for employee behavior, Switch has established "Culture Codes" intended to guide and inspire our team to achieve its highest potential each and every day.



#### Training, Reporting, and Compliance

It is the responsibility of all Switch employees to understand and to comply with the code. Subject to applicable law, if an employee violates the policies and procedures in our Code, they may be subject to disciplinary action, up to and including termination of employment. If an employee believes their actions may violate our Code, they are instructed to raise the issue to their direct supervisor and the VP of Human Resources. Switch may waive application of the policies set forth in our Code only when circumstances warrant granting a waiver based on the best interests of Switch and its shareholders. A waiver of any Switch policy or section of our Code requested by an employee must be approved by the employee's manager and the Compliance Officer. Employee waiver requests will be reviewed and granted on a case-by-case basis. Waivers of the Code for directors and executive officers must be approved by disinterested directors and will be disclosed as required by applicable law or regulation.

Investigations of reported incidents, including potential violations of the Code, are conducted by the Switch Human Resources department and the Legal Department. Corrective actions will be based on the facts and circumstances of each particular situation. Any employee or other Covered Person found to have violated the Code or applicable local, state, or federal laws may be subject to civil damages, criminal fines, or imprisonment. Individuals accused of violating the Code will be given an opportunity to present his or her version of the relevant events prior to the conclusion of any investigation or decision on corrective action.

All employees are required to complete an annual training assessment on the Code, including our policies regarding Bribery and Corruption, as described below.

#### **BRIBERY & CORRUPTION**

#### Acceptable Behavior

As referenced in the **Code of Business Conduct and Ethics**, employees have an obligation to conduct Switch's business in an honest and ethical manner, including the ethical handling of actual or apparent conflicts of interest between personal and professional relationships. Any situation that involves, or may reasonably be expected to involve, a conflict of interest, should be disclosed promptly to Switch Legal.

Employees may not engage in any conduct or activities that are inconsistent with Switch's best interests or that disrupt or impair Switch's relationship with any person or entity with which Switch has or proposes to enter into a business or contractual relationship.

Employees may not accept compensation, in any form, for services performed for Switch from any source other than Switch. Employees may not take up any management or other employment position with, or have any material interest in, any firm or company that is in direct or indirect competition with Switch.

#### Definition and Prohibition of Bribery

No employee should ever offer, make or authorize a payment or provide a benefit to an individual or company that is intended to influence, or that appears to improperly influence a business decision. In addition, no employee should ever request or accept a bribe or a kickback of any sort.

Switch prohibits bribes, kickbacks or any other form of improper payment, whether made directly or indirectly to any representative of government, labor union, client or supplier in order to land a contract, secure some other business advantage, or influence or obtain government action.

#### **Conflicts of Interest**

A conflict of interest occurs when an employee's private interests interfere, or appear to interfere, with Switch's interests as a whole. For example, a conflict of interest can arise when an employee takes actions or have personal interests that make it difficult to perform that employee's duties objectively and effectively. A conflict of interest may also arise when an employee or a member of an employee's family or household receives improper personal benefits as a result of their position at Switch.



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#### Managerial Oversight and Risk Assessments

Our Audit Committee is responsible for overseeing our risk management process with respect to financial risks, including bribery and corruption. Managerial responsibility for bribery and corruption sits with executive management, specifically the Chief Financial Officer and Chief Legal Officer. Annual Financial, Information Technology and Enterprise Risk assessments are performed in accordance with applicable frameworks (e.g. SOX, NIST, ISO, COSO). These risk assessments are inclusive of fraud, bribery and corruption risks and are evaluated within the context of the type of risk assessment. All risk assessment findings are reported to executive management and where applicable, action plans are created to mitigate any identified risk.

#### **Operating Guidelines and Internal Monitoring**

Switch's Code of Business Conduct and Ethics and Policy for Accounting Complaints are policies (or operating guidelines) which govern record keeping, approval procedures and appropriate behavior. These polices are reviewed and updated where necessary by our legal team, specifically our Corporate Secretary.

The two main internal monitoring systems to detect and report corruption are Switch's Ethics and Whistleblower Hotline and Switch's quarterly sub-certification program. All Switch employees have access to our independent third-party Ethics and Whistleblower hotline to report potential instances of fraud, bribery, and/or corruption. Complaints can be submitted via email, phone, or through the internal website created

for all employees. In addition, on a quarterly basis, executives within the organization must complete a sub-certification questionnaire that addresses fraud, bribery and corruption. These questionnaires are reviewed by the Chief Financial Officer and head of Switch Internal Audit.

In addition to regular review of the questionnaires, Internal Audit annually audits the Switch Handbook which is inclusive of all of Switch's ethical standards and anti-corruption policies. Internal Audit also performs annual audits of entity level controls as part of the SOX audit inclusive of ethical standard controls. Beyond annual SOX and Switch Handbook audits, Internal Audit includes all operations into consideration when performing their annual financial risk assessment which drives the audit scope for the year.



#### WHISTLEBLOWER PROGRAMS

#### Reporting and Consultation on Ethical Issues

Switch promotes ethical behavior at all times and encourages its employees to talk to a direct supervisor, Switch human resources or a Switch executive when in doubt about the best course of action in a particular situation.

Employees are instructed to promptly report suspected violations of laws, rules, regulations, or of the Code itself. In most cases, a direct supervisor or Switch Human Resources will be in the best position to resolve the matter. If the issue persists, employees are encouraged to report the issue to Switch Legal or any Switch executive.

Reports may be made anonymously. If requested, confidentiality will be maintained, subject to applicable law, regulations and legal proceedings and to the extent practicable.

Reports submitted through the hotline described below are received and processed by our third-party independent partner, Lighthouse Services. These reports are documented within a web application that the head of Switch Internal Audit, Chief Legal Officer and VP of Human Resources have access to. Internal Audit is an independent objective department reporting directly to the Audit Committee Chair and responsible for assisting in responding to whistleblower reports.

All whistleblower reports are disclosed and communicated to the Audit Committee on a quarterly basis. Each report outlines the type of misconduct and measures taken to address each report. Reports are available in English and Spanish.

#### Non-Retaliation

To encourage employees to report any and all violations, Switch will not tolerate retaliation for reports made in good faith. Retaliation or retribution against any employee for a report made in good faith of any suspected violation of laws, rules, regulations or this Code is cause for appropriate disciplinary action.

#### Policies Related to Third-Parties

Switch's commitment to compliance with anti-bribery and anticorruption laws extends to the third parties with whom we do business. Third-party guidelines include the following:

- Report all allegations of improper business practices, bribery and corruption relating to third parties
- Report all allegations of improper business practices, bribery and improper influence on the decisions of a government official
- Ensure that any person or firm that represents Switch complies with this policy and all related laws

#### **Ethics Hotline**

If employees are not comfortable discussing certain ethical matters with Switch personnel, Switch has established an independent hotline available 24/7 to receive concerns regarding Switch's financial statements or accounting matters, as well as conflicts of interests and violations of its Code of Business Conduct and Ethics.

#### THE ETHICS HOTLINE CAN BE ACCESSED AS FOLLOWS:

**WEBSITE** www.lighthouse-services.com/switch

**EMAIL** reports@lighthouse-services.com (must identify Switch in the email)

**PHONE** (844) 440-0097

FAX (215) 689-3885 (must identify Switch on the cover page)

#### POLITICAL INVOLVEMENT POLICIES

Switch is active in advocating for policies at the Federal, State and Local levels of government that impact our company, our environment and our technology future in general. As a growing company, we believe it is important to have effective elected and appointed leaders in government who support and understand our industry. This includes appropriate political support for political candidates and issues. All contributions are made in accordance with applicable federal, state and local laws and regulations.

All practices Switch implements in support of this policy are directed by Switch's SVP of Government and Public Affairs and executed through the government affairs team in accordance with the policy directive. Under the direction and vision of our CEO, Switch's SVP of Government and Public Affairs develops political contribution activities and process all political support requests for consideration. The CFO, President and CEO review plans, budget, and overall progress on a regular basis.

Switch also pursues strategic memberships in organizations that advocate for policies we support; including: Governor's Office of Economic Development in Nevada, the Metro Chamber of Commerce in Las Vegas, The Global Economic Alliance in Las Vegas, The Right Place in Grand Rapids, the Grand Rapids Chamber, Detroit Chamber of Commerce, the Georgia State Chamber of Commerce, the Douglas County Chamber of Commerce, Energy Storage Association and many more.

Employees are entitled to campaign or voice support for the lawful political candidates of their choice. Under no circumstance are employees authorized to endorse, voice support of, or campaign for an elected or running official by virtue of, or in their capacity as an employee, agent or representative of Switch.

Switch encourages employees to fulfill their civic responsibilities by participating in all local, state and federal elections, including primaries. If employees are unable to vote in an election during non-working hours, Switch may grant up to three hours of paid-time-off to vote.







#### LOBBYING & POLITICAL EXPENSES

Switch engages advocacy representatives in Washington, D.C., Nevada, Michigan and Georgia to further our interests and to assist in policy development that impacts our company.

Switch believes in total transparency of its activities in the lobbying and political contribution arena. The company complies with all required ethics and lobbying disclosure requirements and strictly adheres to various laws and regulations concerning gifts, entertainment, lobbying expenses and reporting requirement in each jurisdiction which currently is the Nevada Revised Statues, Georgia Ethics in Government Act, the Michigan Lobbying Disclosure Act 1995.

All lobbying activities are executed through the government affairs team, led by the SVP of Public and Government Affairs. All practices we implement in support of the policy are under the direction of our CEO and President in accordance with the policy directive.

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# SECURITY

#### CYBERSECURITY PROGRAM

Switch's cyber management system is **certified to ISO 27001** standards and 100% of the ISO 27001 requirements are covered/certified for our colocation services. A list of additional audit reports can be accessed on the audit reports page of our corporate website, by **clicking here.** Please email **auditreports@switch.com** for an approval code to access these reports.

Please reference our **Acceptable Use Policy** and our statement on **GDPR Compliance** for additional information regarding Switch's programs and policies relating to the usage, collection, and protection of client data.

#### **GOVERNANCE STRUCTURES**

Switch has a structure in place for the oversight, compliance, and responsibilities for cybersecurity.

Please reference directly below for additional information.

#### **Executive Oversight**

- President
- Chief Legal Officer
- EVP of Network Operations

#### **Compliance and Information Security**

- Director of IT Compliance
- Director of Information Security (INFOSEC)
- EVP of Network Operations

#### INFOSEC responsibilities and methods:

Administering risk assessments based on the NIST Cyber Security Framework (CSF), NIST 800-30, and ISO 27001:2013 ISMS.

**METHODS:** Real Time Analysis of Threats, Adherence to Regulatory Standards, Assuring Preventive Controls are in place and functional.



#### DATA PRIVACY & SECURITY PROGRAMS AND POLICIES

What we do: Switch is a colocation data center provider. Colocation data centers provide a shared physical environment for enterprise clients to "co-locate" their mission critical IT infrastructure. Our business operations entail the provision of space, power, cooling, and physical security for the servers, storage arrays, and networking equipment owned and operated by our clients. In addition to colocation services, Switch also provides access to a variety of telecommunications and network service providers at a minimum cost and complexity.

What we do not do: Switch does not manage, maintain, control, or have visibility to the data residing on its clients' servers or data transmitted to/from the telecommunications networks connected to our data centers. Moreover, Switch does not directly engage in the provision of cloud services, managed hosting, software, or logical security services that may involve the collection of, or responsibility for client data. As such, our contracts stipulate that clients shall maintain full right of access, rectification, and deletion of their data at all times.

Switch has several programs and policies in place related to data security and the protection and privacy of client data.

# MONITORING AND RESPONSE PROTOCOL FOR DATA BREACHES & CYBERATTACKS

Security Breach Disclosure: Switch has not experienced a breach in security since its founding in 2000.

Switch has operational measures in place to monitor and respond to data breaches and cyberattacks. Please reference directly below for additional information.

#### **Annual Cyber Risk Assessment**

A cyber risk assessment is conducted annually by our Information Security team. This involves the identification of,

- 1. denial of service
- malicious code
- unauthorized access
- compromised asset or information
- social engineering
- internal/external hacking
- unauthorized data

- 8. leakage in appropriate usage
- 9. environmental/external
- 10. business model
- 11. leadership changes
- 12. third party
- 13. fraud

#### Incident Response Plan (IRP)

An Incident Response Plan (IRP) has been developed as an integral component of Switch's overall information security program. The IRP includes action plans that deal with intrusions, data theft, denial of service (DoS), and other IT security-related incidents. The six major steps of the IRP are designed to ensure Switch is prepared to effectively detect and respond to incidents in an effective manner to minimize adverse impacts and provide lessons learned.

#### The IRP steps are as follows:



#### Cyber Kill Chain

Switch InfoSec uses the Cyber Kill chain model for intelligence used to identify and prevent intrusion activity. The model identifies what the adversaries must complete in order to achieve their objective.

#### Switch SAFE

Switch SAFE is a scalable DDOS mitigation service available for client use at every Switch data center campus location. It is a sophisticated system of software applications and hardware appliances that support client data security. Click here for additional information regarding Switch SAFE.

#### INTERNAL SECURITY AUDITS

Switch has a policy in place for regular internal security audits that address vulnerability assessments or penetration testing of the company's systems, products and practices affecting user data. Please reference directly below for additional information.

#### **Vulnerability Management**

Automated scans are continuously conducted on the entire Switch Information System, this includes the critical infrastructure that is segmented and access controlled. Information Security is responsible for ensuring that the signatures used by the Vulnerability Assessment Suite are updated periodically.

#### **Penetration Testing**

A third-party penetration test is conducted semiannually. The scope of these regular tests are as follows:

- 1. Externally facing web applications
- 2. Applications in the DMZ
- 3. All internal trusted Switch information systems
- 4. Users are assessed for susceptibility to phishing
- 5. Vulnerabilities are tested for exploitability







#### **EMPLOYEE TRAINING**

Switch has a policy in place for its employees to undergo regular training on Information Security Awareness. Please reference directly below for additional information.

#### **Information Security Awareness**

All Switch employees are required to complete the Information Security Awareness Training module on an annual basis, which includes an exhaustive review of our internal policies relating to Cybersecurity and Data Privacy. This information is also provided in the Employee Handbook, and must be attested to and signed by each employee on an annual basis.

- Quarterly bulletins are published to employees covering various topics around information security, and employees are continuously assessed for susceptibility to e-mail phishing
- Switch employees have access to a phishing alert software for easy reporting of any email that is a suspected phishing attempt, which reports directly to oversight teams for further evaluation

#### Cybersecurity Program Plan (CSPP)

The Switch Cyber Security Program reflects our commitment to implement leading data protection standards on behalf of our clients and with respect to our own internal data systems. Its primary mission is to protect the Confidentiality, Integrity, and Availability of the Switch Information System. Thus, the CSPP outlines a framework for implementing a defense-in-depth layered protection approach that consists of complementary technical, operational, and management controls for the Switch Information System.



#### **Program Scope**

The CSPP applies to the entire Switch Information System (any system that stores, process, or transfers Switch data), which includes support systems, major applications, and minor applications. In accordance with the IT Information Security Policy, NIST 800-53 Risk Assessment, and ISO 27001 ISMS, the CSPP describes the requirements designed to sustain a defense-in-depth approach for protecting the Confidentiality, Integrity and Availability of the Switch Information System. It provides guidance and requirements for the implementation of security controls to protect Switch from cyber-attacks and threats, thus minimizing any impacts to the systems and information that are necessary to manage and operate Switch facilities and services.

#### Physical and Environmental Security

As a trusted service provider of the world's only Class 5 Platinum data center facilities, we are fully focused on delivering physical and environmental security for our data centers worthy of supporting mission-critical deployments. Third-party audited reports regarding our compliance with these initiatives are available upon request. Simply email auditreports@switch.com for assistance. You may also visit https://www.switch.com/ audit-reports/

#### **Incident Response and Reporting Mechanisms**

Switch is committed to notifying data subjects (including client representatives and Switch employees) in a timely manner with respect to policy changes and/or any known incidents regarding the breach of client data.

The Switch Network Operations Center (NOC) is available 24/7/365 for data subjects to raise concerns about data privacy. Users are the first line of defense, as they are likely to detect any odd behaviors within their systems. The Switch NOC provides an incident response support resource to offer advice and assistance to users of the information system for the handling and reporting of security incidents. Users are required to notify the NOC of an obvious or potential cyber security-related event occurring on any Switch system.

Additionally, the Switch Ethics Hotline is a third-party, anonymous reporting hotline allowing users to report incidents related to ethical and compliance concerns/violations.

#### Privacy Risk Assessments and Third-Party Audits

Various independent audits are conducted annually by Schellman & Company regarding Switch's technologies, security protocols, and practices affecting the privacy of user data.

#### ISO CERTIFICATE DIRECTORY

Other audit reports include: SOC 1, SOC 2, SOC 3, MPAA, PCI DSS-ROC, PCI DSS-AOC, NIST 800-53 (Type 1), HIPAA (Type 1). These reports are available upon request at https://www.switch.com/audit-reports/



# OPERATIONS AND SAFETY

### **OVERSIGHT, RISK ASSESSMENT & TRAINING**

Our Data Center Operations (DCO) team is responsible for conducting regular maintenance on all data center facilities and critical systems equipment operated by Switch.

DCO maintains 100% uptime to our clients while ensuring the health and safety of our critical systems staff.

#### SAFETY PROCEDURES

Through the development of its policies, Standard Operating Procedures (SOP), Method of Procedures (MOP), and detailed operational scripts, DCO Systems is committed to maintaining the critical systems assets that are integral to our business. All critical systems assets are maintained in accordance with manufactures' recommended practices to ensure maximum availability to our clients, as well as strict adherence to safety protocols for all employees, clients, and third-party vendors.

Using a committee-based approach, DCO procedures are reviewed annually to ensure all maintenance practices are compliant with industry regulations and updated to reflect evolutions in manufacturing design. Critical systems maintenance is performed internally by trained and certified DCO Systems Technicians, and externally by factory authorized vendors. This enables us to maintain a system of checks and balances, and ensure that equipment is being maintained in accordance with recommended practices.





#### KEY CRITICAL SYSTEMS MAINTAINED BY DCO

- Air Handler Units (AHU) Maintain all systems to provide N+1 cooling availability to Switch clients and ensure the most efficient modes of cooling are available to run at the lowest possible PUE
- Fluid Cooler Units (FCU) Maintain all systems to provide additional cooling efficiencies to the AHUs, maintain water systems to reduce water usage and waste and meet compliance regulations for safety (ASHREA 188 legionella requirements) and permitting requirements (Clark County)
- Generators Maintain all systems to provide 3 separate configurations of 2N+1 backup power generation availability to Switch clients, maintain compliance of fuel systems to include polishing (ISO 4406)
- Uninterruptable Power Supply (UPS) Maintain all systems to provide 3 separate configurations of 2N+1 backup battery power, maintain battery program through live monitoring to ensure backup battery power is readily available to support full design critical loads for 12 minutes and extend the life of batteries to reduce operational costs and waste
- **Power Distribution Units (PDU) and Remote Power Panels (RPP)** Maintain all power distribution systems to maximize power availability to Switch clients, and ensure maintenance practices are compliant with relevant industry standards (IEEE, NFPA, ASHREA)
- Comfort Cooling (Office/Conference Spaces) Maintain all cooling and power systems for office and conference room areas for clients, employees and third-party vendors

#### MANAGERIAL RESPONSIBILITY

DCO Systems management has a developed qualitycontrol process for facility management and our technicians are trained to review all critical systems work performed.

Before policies and procedures are published and/ or amended, they must be reviewed by the SVP of Data Center Operations and other members of senior management. This is to ensure all maintenance practices remain within manufacturers recommended maintenance practices, and meet or exceed industry standards for safety and regulatory compliance.

#### Risk Assessment

Arisk assessment is performed during the development/ review of Standard Operating Procedures (SOPs), and is attached to the procedure for technicians to read, review and confirm the risk assessment before beginning work. This risk assessment includes a review of safety and operational hazards, as well as any history of events that may pose risk to client service delivery.

#### **Employee Training**

New employees go through an extensive 90-day onboarding training program to include fundamental training on all critical facility assets, safety requirements,



and any administration tools needed to perform daily work functions. After the 90-day on-boarding period, technicians enter into a tech-leveling program. This involves on-the-job training, advanced courses, and factory/manufacturer training sessions to fully certify technicians before performing required critical tasks. In addition, DCO Systems offers ongoing training opportunities to ensure that employees remain upto-date with required recertifications and bring safety to the forefront. Hazards around critical assets are common, and DCO Systems has a dedicated representative to build safety awareness among employees, and ensure assets are being maintained in a manner that minimizes risk.

#### **Emergency Response, Incident Investigation,** and Corrective Action

Emergency response procedures, or emergency operating procedures (EOPs), are evaluated and tested regularly through controlled drills. Any incident involving a systems failure/fault or safety concern (including near miss), is followed up with a Root Cause Analysis (RCA) and an After Actions Report (AAR) investigation. The purpose of the RCA is to summarize the incident or event, identify the root cause, and document immediate actions taken to resolve the issue. The purpose of the AAR is to identify all possible actions or solutions to minimize/ eliminate future incidents, and track all policy changes.



#### PERFORMANCE OBJECTIVES & TARGETS

- System + System (2N): Deliver 100% uptime for primary power source availability to the client, and minimize/ eliminate downtime on redundant power source to ensure constant delivery of 2N power to the client
- Temperature control: ASHREA A1 A4 recommended range 64.4°F to 80.6°F. Allowable range 59.0°F to 89.6°F.

#### EXTERNAL SAFETY AUDITS & PUBLIC REPORTING

Safety audits and reporting, including OSHA/NFPA, are managed by Switch's Security Operations team. DCO Systems is in contract with environmental consultants to provide assistance in establishing permits and identifying reporting gaps for environmental audits. DCO Systems also works with water safety consultants to establish a water safety program in accordance with new 2018 ASHREA 188 standards surrounding legionella.

#### REGULAR TESTING OF FAILOVER EQUIPMENT

Upon the installation of any new client equipment, DCO Systems recommends failover testing and provides support to each client to perform such tests. In addition, Switch's SLA/AUP recommends all clients perform self-administered failover tests on their equipment bi-annually throughout their deployment period. At least once per year during the scheduled annual UPS maintenance, DCO Systems transfers each clients' critical load to a backup generator. This is a controlled (i.e. "closed") transfer, meaning that no loss of power occurs during the test.

Switch maintains a library of additional policies and procedures to ensure its services are Tier 5 Platinum compliant and meet Switch's aggressive sustainability standards. Switch secures these policies on site, to avoid the security risks of espionage, terrorism, sabotage, and cyber-attack, inherent in unauthorized duplication, proliferation, or exploitation of these policies. If you would like additional detail or an on-site tour of Switch's facilities to inspect these policies, please contact the Investor Relations Team (investorrelations@switch.com) or the Switch Policy Team (policy@switch.com).







## TASK FORCE ON CLIMATE-RELATED **DISCLOSURES**

As part of our pledge to meet the recommendations of the Task Force on Climate-related Disclosures (TCFD), we have addressed four recommended topics in this report: Governance, Strategy, Risk Management, and Metrics and Targets.

- **Governance:** Our governance is common across Environmental, Social, and Governance topics, and is addressed in our Investor Relations website under "Governance Documents." Additionally, our leadership's role in driving strategy, risk management, and setting targets is addressed in our "Sustainability Team" section on page 25
- **Strategy:** Our company-wide environmental strategy is described in the "Sustainability" section of this report. We address climate risks in the "Climate Risk Management" on page 30. We also describe

- examples of our strategies including exiting NV Energy to manage financial risk in our "Business Case for Going 100% Green" and "Water Conservation and Water Recycling Program" subsections of the "Sustainability" portion of this report on page 23
- Risk Management: We disclose our processes for identifying, assessing, and managing climaterelated risks in our "Climate Risk Management" section on page 30 and its subsequent subsections including "GHG Reduction Program," "GHG Risk Management Program," and "Physical Climate Risk Management Program." The subsections detail identification of primary climate-related risks for Switch and how we address those risks
- Metrics and Targets: Our metrics and targets used to assess and manage relevant climaterelated risks and opportunities are disclosed in our SASB/TCFD index in the Appendix of this report. Additionally, we disclose targets that we use to manage climate-related risks in the "Sustainability" section of this report on page 11



GRI 102: General Disclosures	
SASB - Activity Metrics	
TCFD - Governance	
Disclosure Number and Title	2021 Response
102-1 Name of the organization 102-2 Activities, brands, products, and services	Switch Inc. (NYSE: SWCH)  Switch is a technology infrastructure corporation that provides data center colocation, telecommunications, interconnection, and professional services to enterprise clients.
102-3 Location of headquarters	7135 S. Decatur Boulevard, Las Vegas, NV 89118, USA
102-4 Location of operations	Switch operates 12 data centers across four U.S. campus locations, also referred to as the Switch "Primes". These locations include Las Vegas, NV, Tahoe Reno, NV, Grand Rapids, MI, and Atlanta, GA
102-5 Ownership and legal form	Switch is structured as an "Up-C" corporation, whose Class A shares are publicly listed on the New York Stock Exchange.
102-6 Markets served	Through its strategically located Prime Campus locations, Switch serves more than 950 enterprise clients headquartered throughout the United States and abroad.
102-7 Scale of the organization	For the year ended December 31, 2019, Switch generated revenues of \$462.3 million and had an equity market capitalization of approximately \$3.6 billion. Our data center facilities totaled 4.7 million gross square feet (GSF) and 490 megawatts of IT load.
SASB IF-RE-000.A – Number of assets, by property sector	12 – Property Subsector; FTSE Nareit Data Centers
SASB IF-RE-000.B - Leasable floor area, by property subsector	2.2 million sq. ft.
SASB IF-RE-000.C – Percentage of indirectly managed assets, by property subsector	0%
SASB IF-RE-000.D – Average occupancy rate, by property subsector	88.2%
102-8 Information on employees and other workers	As of December 31, 2019, Switch had 789 employees, up from 731 employees the prior year. We collaborate with the local unions where applicable, such as construction and the trades; however, none of our direct employees are represented by a labor union or covered by a collective bargaining agreement. We believe our employee relations are good and we have not experienced any work stoppages. Page 38
	Human Capital Metrics
102-9 Supply chain	While the majority of the design and construction of our data centers and related infrastructure is performed by Switch's own general contractor, we do rely on select third-party suppliers for labor and materials during construction. Our products and infrastructure rely on third-party service providers. In particular, we depend on third parties to provide Internet, telecommunications and fiber optic network connectivity to the clients in our data centers. Link to Supplier Code of Conduct.
102-10 Significant changes to the organization and its supply chain since last report	In 2020, Switch re-organized and streamlined its internal operating departments to combine its Critical Infrastructure Operations ("CIOPS") and its Facility Operations ("FACOPS") departments, creating a single operating unit called Data Center Operations ("DCOPS"). No other significant changes have been made to Switch's operations or supply chain in recent periods.
102-12 External initiatives	Energy Star Data Center Rating Program GHG Verification with Ruby Canyon
102-13 Membership of associations	UN Global Compact
102-14 Statement from senior decision-maker	See CEO letter. Page 2
102-15 Key impacts, risks, and opportunities	2020 Form 10-K
102-16 Values, principles, standards, and norms of behavior	Business Ethics Program_Page 53
102-17 Mechanisms for advice and concerns about ethics	Business Ethics Program & Whistleblower Programs Page 53 and 57
102-18 Governance structure	See Nominating and Corporate Governance Committee Charter. Page 20
102-19 Delegating authority	The highest level of governance is at the Board level.  See Nominating and Corporate Governance Committee Charter.
	300 Hormaning and Corporate Covernance Committee Charles.

102-20 Executive-level responsibility for ESG	The highest level of ESG oversight is at the Board level.
topics	See Nominating and Corporate Governance Committee Charter.
TCFD – Governance A) Disclose the Board's oversight of climate-related risks and opportunities	2020 ESG Report "The Sustainability Team" on page 25.
TCFD – Governance B) Describe the manage- ment's role in assessing and managing cli- mate-related risks and opportunities	
102-22 Composition of highest governance body and its committees	2020 Proxy Statement
102-23 Chair of the highest governance body	2020 Proxy Statement
102-24 Nominating and selecting the highest governance body	2020 Proxy Statement
102-25 Conflicts of interest	Corporate Governance Guidelines
102-26 Role of highest governance body in setting purpose, values, and strategy	Corporate Governance Guidelines
102-27 Collective knowledge of highest gover- nance body	Corporate Governance Guidelines
	Page 18 for bios of our Board of Directors
102-28 Evaluating the highest governance body's performance	Corporate Governance Guidelines (evaluations process)
102-29 Identifying and managing economic, environmental, and social impacts	The highest level of ESG oversight is at the Board level.  See Nominating and Corporate Governance Committee Charter.
102-30 Effectiveness of risk management processes	2020 Proxy Statement
102-31 Review of economic, environmental and social topics	The highest level of ESG oversight is at the Board level.
102-32 Highest governance body's role in sus-	See Nominating and Corporate Governance Committee Charter.  The highest level of ESG oversight is at the Board level.
tainability reporting	See Nominating and Corporate Governance Committee Charter.
102-33 Communicating critical concerns	Code of Business Conduct and Ethics
102-35 Remuneration policies	2020 Proxy Statement
102-36 Process for determining remuneration	Compensation Committee Charter
102-41 Collective bargaining agreements	0% of total employees are covered by a collective bargaining agreement.
102-45 Entities included in consolidated financial statements	2020 Form 10-K
102-46 Defining report content and topic boundaries	See our "Third Party Approach" section on page 8.
102-48 Restatements of information	There have been no restatements.
102-50 Reporting period	The 2020 ESG Report presents information focused primarily on activities spanning the 2020 calendar year, except where otherwise indicated.
102-51 Date of most recent report	The 2020 ESG Report was published on April 30, 2021.
102-52 Reporting cycle	Reports are generated annually.
102-53 Contact point for questions regarding the report	Alise Porto, Director of Strategy Projects Matt Heinz, VP of Investor Relations Vicky Faust, Director Strategic Business Planning
	Email the team: ESG@switch.com
102-54 Claims of reporting in accordance with the GRI Standards	This report has been prepared in accordance with GRI Standards: Core option.

102-55 GRI content index	Included in this section.
GRI 201: Economic Performance	
TCFD - Strategy	
Disclosure Number and Title	2021 Response
201-1 Direct economic value generated and distributed	2020 Form 10-K
201-2 Financial implications and other risks and opportunities due to climate change	See Climate Risk section.
TCFD – Strategy B) Describe the impact of climate-related risks and opportunities on the organization's businesses, strategy, and financial planning	2020 ESG Report "Sustainability" Section and "Business Case for Going 100% Green" and "Water Conservation & Water Recycling" subsections
201-3 Defined benefit plan obligations and other retirement plans	2020 Form 10-K
TCFD – Strategy C) Describe the resilience of the organization's strategy, taking into con- sideration different climate-related scenarios, including a 2'C or lower scenario.	2020 ESG Report "Sustainability" Section and "Physical Climate Risk Management" subsection
GRI 205: Anti-corruption	
Disclosure Number and Title	2021 Response
205-1 Operations assessed for risks related to corruption	Business Ethics Program
205-2 Communication and training about anti-corruption policies and procedures	Business Ethics Program
GRI 301: Materials	
Disclosure Number and Title	2021 Response
301-2 Recycled input materials used	Waste Disposal and Recycling
GRI 302: Energy	
SASB – Energy Management	
TCFD - Metrics & Targets	
Disclosure Number and Title	2021 Response
302-1 Energy consumption within the organization	Emissions and Power Usage Data
TCFD - Metrics & Targets A) Disclose the metrics used by the organization to assess climate-related risks and opportunities in line with its strategy and risk management process	
SASB IF-RE-130a.1	100% – Property Subsector: FTSE Nareit Data Centers
SASB IF-RE-130a.2	(1) 805,592 MWh
(1) Total energy consumed by portfolio area with data coverage,	(2) 100% grid electricity (3) 100% renewable
(2) percentage grid electricity,	(a) Tooystonewable
(3) percentage renewable, by property subsector	
SASB IF-RE-130a.3	+17.6%
Like-for-like percentage change in energy consumption for the portfolio area with data coverage, by property subsector	

SASB IF-RE-130a.4	(1) 70%
Percentage of eligible portfolio that:	(2) 70%
(1) has an energy rating	
(2) is certified to ENERGY STAR, by property subsector	
SASB IF-RE-130a.5	2020 ESG Report "Physical Climate Risk Management Program" (pp. 32)
Description of how building energy management considerations are integrated into property investment analysis and operational strategy	
GRI 303: Water and Effluents	
SASB – Water Management	
SASB IF-RE-140a.1	(1) 100%
Water withdrawal data coverage as a percentage of:	(2) 33%
(1) total floor area	
(2) floor area in regions with high / extremely high baseline water stress	
303-1 Interactions with water as a shared resource	2020 ESG Report "Water Conservation & Water Recycling" and "Physical Climate Risk Management Program" (pp. 28 and 32)
303-2 Management of water discharge-related impacts	2020 ESG Report "Water Conservation & Water Recycling" and "Physical Climate Risk Management Program" (pp. 28 and 32)
303-3 Water withdrawal, 303-5 Water consumption, SASB IF-RE-140a.2	(1) 1.28 million m3 (2) 53.5%
(1) Total water withdrawn by portfolio area with data coverage	(2) 33.3%
(2) percentage in regions with high / extreme- ly high baseline water stress, by property subsector	
SASB IF-RE-140a.3	20.5%
Like-for-like percentage change in water with- drawn for portfolio area with data coverage, by property subsector	
SASB IF-RE-140a.4	2020 ESG Report "Water Conservation & Water Recycling" and "Physical Climate Risk
Description of water management risks and discussion of strategies and practices to mitigate those risks	Management Program" (pp. 28 and 32)
GRI 305: Emissions	
TCFD - Risk Management	
TCFD - Metrics & Targets	
Disclosure Number and Title	2021 Response
305-1 Direct (Scope 1) GHG emissions,	Emissions and Power Usage Data
TCFD – Metrics & Targets B) Disclose Scope 1, Scope 2, and if appropriate, Scope 3 green-	
house gas (GHG) missions and the related risks	
305-2 Energy indirect (Scope 2) GHG	Emissions and Power Usage Data
TCFD – Metrics & Targets B) Disclose Scope 1, Scope 2, and if appropriate, Scope 3 green- house gas (GHG) missions and the related risks	

305-5 Reduction of GHG emissions	Emissions and Power Usage Data
TCFD – Risk Management B) Describe the organization's processes for managing climate-related risks	2021 ESG Report "Sustainability" section, "Climate Risk Management," "GHG Reduction Program," "GHG Risk Management Program" subsections
TCFD – Metrics & Targets C) Describe the targets used by the organization to manage climate-related risks and opportunities and performance against targets	2021 ESG Report "Sustainability" section, "Climate Risk Management" and "Targets" subsections on page 11 and 30
GRI 306: Waste	
Disclosure Number and Title	2021 Response
306-1 Waste generation and significant waste-related impacts	Waste Disposal and Recycling
306-2 Management of significant waste-related impacts	Waste Disposal and Recycling
306-3 Waste generated	Waste Disposal and Recycling
306-4 Waste diverted from disposal	Waste Disposal and Recycling
306-5 Waste directed to disposal	Waste Disposal and Recycling
SASB – Management of Tenant Sustainability Impacts	
Disclosure Number and Title	2021 Response
SASB IF-RE-410a.1	(1) 0%
(1) Percentage of new leases that contain a cost recovery clause for resource efficiency-related capital improvements	(2) 0 sq. ft.
(2) Associated leased floor area, by property subsector	
SASB IF-RE-410a.2	(1) 0%
Percentage of tenants separately metered or submetered for:	(2) 0%
(1) Grid electricity consumption	
(2) Water withdrawals, by property sector	
SASB IF-RE-410a.3	2020 ESG Report "Sustainability" and "Client Eco-Efficiency Program and Transparen-
Discussion of approach to measuring, incentivizing, and improving sustainability impact of tenants	cy" (pp. 24)
SASB – Climate Change Adaptation	
TCFD – Strategy	
TCFD – Risk Management	
Disclosure Number and Title	2021 Response
SASB IF-RE-450a.1	0 sq. ft.
Area of properties located in 100-year flood zones, by property subsector	
SASB IF-RE-450a.2	2020 ESG Report "Climate Risk Management" (pp. 30)
Description of climate change risk exposure analysis, degree of systematic portfolio exposure, and of strategies for mitigating risks	
TCFD - Strategy A) Describe the climate related-risks and opportunities the organization has identified over the short, medium, and long term	

404-3 Percentage of employees receiving regular performance and career development reviews	Performance Management and Training – 100% of employees receive regular performance reviews.
404-2 Programs for upgrading employee skills and transition assistance programs	Talent Development
employee	Our team members collectively logged over 4,800 training hours last year, equating more than 6 hours per employee.
404-1 Average hours of training per year per	Talent Development
Disclosure Number and Title	2021 Response
GRI 404: Training and Education	
	Number of Fatalities: 0
	Number of Occupational Diseases: 0
	Number of Work-related Injuries: 5
	OS&H Performance Metrics – 2020
400-10 WOR-IBIAIBA III NBANN	WOINDICE NIGHTS
403-10 Work-related ill health	Number of Fatalities: 0  Workforce Rights
	Number of Occupational Diseases: 0
	Number of Work-related Injuries: 5
	OS&H Performance Metrics – 2020
	OCOLI Danfarra qua da Makina 2000
403-9 Work-related injuries	Workforce Rights
	Onsite Wellness Program: Life Muse
403-6 Promotion of worker health	Operations and Safety Program
403-5 Worker training on occupational health and safety	Operations and Safety Program
403-4 Worker participation, consultation, and communication on occupational health and safety	Operations and Safety Program
403-3 Occupational health services	Operations and Safety Program
403-2 Hazard identification, risk assessment, and incident investigation	Operations and Safety Program
Disclosure Number and Title	2021 Response
GRI 403: Occupational Health and Safety	
401-1 New employee hires and employee turnover	Workforce Metrics
Disclosure Number and Title	2021 Response
Interpretation 1)	
cesses for identifying , assessing, and managing climate-related risks are integrated into the organizations overall risk management  GRI 401: Employment (containing Standard	
TCFD – Risk Management C) Describe how pro-	
ICFD – Risk Management A) Describe the orga- nization's processes for identifying and assess- ing climate-related risks	2020 ESG Report "Sustainability" section and "Climate Risk Management" subsectic (pp. 11 and 30)

405: Diversity and Equal Opportunity	
Disclosure Number and Title	2021 Response
405-1 Diversity of governance bodies and employees	Diversity, Equity and Inclusion
405-2 Ratio of basic salary and remuneration of women to men	Diversity, Equity and Inclusion
GRI 406: Non-discrimination	
Disclosure Number and Title	2021 Response
406-1 Incidents of discrimination and corrective actions taken	0 incidents of discrimination
GRI 413: Local Communities	
Disclosure Number and Title	2021 Response
413-1 Operations with local community engagement, impact assessments, and development programs	Community Involvement
413-2 Operations with significant actual and potential negative impacts on local communities	Community Involvement
GRI 417: Marketing and Labeling	
Disclosure Number and Title	2021 Response
417-1 Requirements for product and service information and labeling	Client Eco-Efficiency Program and Transparency





# Data runs the planet<sup>®</sup> and I believe that it should not ruin the planet.

-Rob Roy - Chairman, CEO & Founder