## Safeguarding critical infrastructure starts with identity security

Increasing regulations, the growth of renewable energy, and modernization are forcing utilities to evolve from a traditionally cautious

industry to one that's digitally savvy and open to change. Utilities provide critical services to homes, businesses, and communities and protecting this vital infrastructure begins with managing every identity and their access to applications and information.



## Utilities are a prime target for cyberattacks

32%

of energy and utility companies fell victim to ransomware attacks in 2019<sup>1</sup>

**54%** 

of global utilities **expect an attack** on their operational technology within the next vear2

of data breaches involve internal actors<sup>3</sup>

of organizations that experienced a spear-phishing attack in the last 12 months

experienced compromised employee credentials.4

of utility companies use Al and big data analytics to monitor operations and recognize threats<sup>5</sup>

## And remote work only increases exposure to risk – from the inside and the outside

Thousands of workers now work from home, requiring credentialed access to vital utility systems from a variety of locations – creating new cyber risks:



**Downgraded or adapted** access policies to maintain operational functionality for remote workers

a multitude of personal devices

Unsecured home networks and

Social engineering attacks against employees

**Increased exposure** from partner companies, vendors, and contractors

The majority of workers have access to between 6 and 15 applications.6

**50%** 

of corporate- and enterprise-level functions can be performed remotely,

while only

10-25

are suitable for remote work.7

of transmission and distribution functions

Identity Security is the new firewall.

Workers are the new perimeter.

**Identity helps** answer THREE CRITICAL QUESTIONS

**WHO** HAS ACCESS **TO WHAT**?

WHO SHOULD HAVE ACCESS?

**HOW** ARE THEY USING THEIR ACCESS?

processes can reduce costs, increase visibility, and improve compliance and security - in times of change and during business as usual.

Utility organizations that use SailPoint to automate identity



onboarding



associated with deprovisioning access



contingent worker access



**Ensure** sensitive data and critical applications are accessed by the right people in the right locations



to ensure security and compliance

- Keeping Up with the Industrial Cyber Threat?"
- <sup>1</sup> VMware Cybersecurity Outlook Report March 2020. <sup>2</sup> Ponemon Institute and Siemens. "Caught in the Crosshairs: Are Utilities
- <sup>3</sup> Verizon 2020 Data Breach Investigations Report. <sup>4</sup> SailPoint. "Using Identity and Access Governance to Mitigate Data Breach Risks."
- Keeping Up with the Industrial Cyber Threat?" <sup>6</sup> SailPoint. "Using Identity and Access Governance to Mitigate Data

<sup>5</sup> Ponemon Institute and Siemens. "Caught in the Crosshairs: Are Utilities

COVID-19 impacts."

<sup>7</sup> KPMG. "Plugged In: Perspectives from U.S. utilities on potential

Make the move to a proven identity solution - enable access and

protect business - everywhere.

