

# Thales IAM: Solving key challenges in Critical Infrastructure

Our robust, always on IAM solutions keep your assets safe from unauthorized access

Critical Infrastructure (CI) operators face constant cyber threats that can put essential services and everyday life at risk. This infographic explores the current threat landscape and how strong Identity and Access Management (IAM) solutions help build operational resilience, prevent unauthorized access and ensure compliance with evolving security regulations.

## Top concerns

Of nearly 3,000 Critical Infrastructure operators (CIs), we **surveyed**.\*



**42%**  
have experienced a data breach

**15%**

experienced a data breach in the past 12 months



**24%**  
have been attacked by ransomware

**34%**

say human error is the **#1** cause of cloud-based data breaches



**61%**  
say managing external identity is a growing concern

## Growing risks

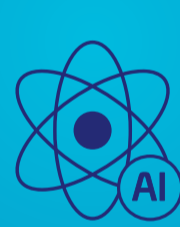
In addition to the ever-present risk of ransomware and phishing attacks, new technologies add to the threat landscape.

### Complex IT



Many CIs use over **50** different SaaS apps every day, creating access control gaps

### Quantum & AI



Conventional IAM encryption is no match for rising threats

### Non-compliance



**84%** of CIs who fail a compliance audit are also victims of data breaches

## CI operations are **too important to fail**

One lost device or incorrect MFA configuration could disrupt your entire operation, posing a threat to public health and safety. Thales' advanced Identity and Access Management solutions are tailored to the needs of critical infrastructure – enhance your operational resilience with 24/7 access control and secure your OT and IT today.



**Enhanced protection**  
Secure shared devices with robust authentication.



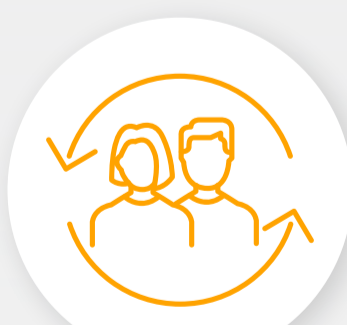
**Regulatory compliance**  
Meet strict standards with modern, fast access controls.



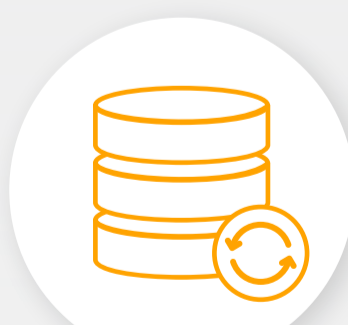
**Seamless operations**  
Centralized monitoring with 24/7 support ensures uptime.



**Phishing-resistant MFA**  
Extra authentication layers reduce unauthorized access risks.



**Adaptive access**  
Real-time behavior-based permissions enhance security and usability.



**Failover integration**  
Continuous access with automatic system failover for reliability.



## Learn more about Thales solutions

[Learn More](#)

\* Read the full report: [Thales 2024 Data Threat Report: Critical Infrastructure Edition](#)