SECURING THE FUTURE WITH

# Physical Identity & Access Management

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# Contents


**03.** Introduction

**04.** Physical Identity and Access Management: **Bridging the stakeholder gap**

**05.** Physical Identity and Access Management: **Why it matters**

**06.** Quantum Secure's SAFE Enterprise: **Next-generation security**

**07.** SAFE Enterprise: Features

**08.** What does SAFE Enterprise mean for your organisation?

**09.** Conclusion


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# Introduction

**Identity - the data and information you have about a person that help to establish who the person is, their role in the organisation and level of trust.**

Today's organisations are tasked with managing the physical identities of not only their workforce but a range of third parties including contractors, vendors, customers and visitors.

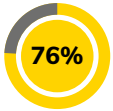
Managing multiple identity types can be frustrating. Typically, identity data is kept in disparate systems, making it necessary to manage identities and their physical access manually, often by different teams (e.g. employees and contractors, security departments, general managers).

In the absence of an automated, integrated approach, these teams often duplicate each other's processes, leading to operations that are highly inefficient, while increasing the probability of errors and additional risks and liabilities. What's more, changing regulations and policies hinder an organisation's efforts to remain compliant.

Additionally, risk landscapes are changing faster than ever. As security threats present themselves in new ways - increasing the risk to customers, employees and the general public - organisations struggle to predict future risks. In response to this changing landscape, the need for physical access and identity management systems is increasing exponentially.

## A SURVEY OF IT LEADERS:
## SHOWS KEY IDENTITY CHALLENGES FACED TODAY


**"Physical access is enforced manually, which makes it vulnerable to human error"[1]**




**"Integration between physical and logical security systems could improve"[1]**


**"That when an employee or contractor is terminated, they're not certain their identity and access are removed properly"[1]**

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# PHYSICAL ACCESS & IDENTITY MANAGEMENT:

# Stakeholders

**Physical Identity and Access Management (PIAM) breaks down traditional organisational silos to transform communities of stakeholders involved in identity management such as employees and contractors, security departments and process managers in HR, IT, Facilities, Reception, Contractor Administration, etc.**

| STAKEHOLDERS | RESPONSIBLE FOR | PIAM | |
|---|---|---|---|
| **Employees and Contractors** | On/Off-boarding<br>Badging<br>Approvals | Empowers employees, contractors or tenants to handle their common security needs | SELF SERVICE HUB |
| **Security Department** | Access requests<br>Visitor pre-registration | Connects disparate systems together, providing control of physical identity and access management functions | SECURITY TEAM HUB |
| **Managers:**<br>HR & IT Facilities<br>Line managers | Visitor management<br>Area owners<br>Contract owners<br>Delegate | Enables stakeholders within your organisation to own and manage their security functions | MANAGERS HUB |

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# PHYSICAL ACCESS & IDENTITY MANAGEMENT:

# Why it matters

**In addition to automating key processes and simplifying the control of all physical identities across an organisation, PIAM helps to:**

**Reduce costs** by leveraging existing physical/IT infrastructure and automating manual processes that reduce errors

**Minimise risk** by vetting and authorising identities based on role, location and other organisational policies

**Ensure compliance** with regulatory and security requirements through real-time reporting

**Foster customer centricity** by automating security business processes; helping customers initiate and track their own requests.

PIAM enables organisations to centrally manage the lifecycle of identities such as permanent and temporary employees, contractors and visitors. Ultimately, it ensures synchronised and compliant on/off-boarding of identities; decreasing the likelihood of a security risk while lowering operational costs.

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# QUANTUM SECURE'S SAFE ENTERPRISE:

# Next-Generation Security

**Quantum Secure's SAFE Enterprise is a web-based solution that allows organisations to manage the lifecycle of identities and their authorisation for physical access.**

It is a highly scalable platform that automates key processes and simplifies control of all identities - employees, contractors, vendors and visitors - across an organisation to ensure each identity has the right access, to the right areas, for the right length of time.

By adopting a unified approach to physical security management, SAFE Enterprise seamlessly manages identities, their physical access and their correlation with physical security events in a multi-stakeholder environment while providing real-time compliance.

## KEY BENEFITS:

- **Reduce operating costs by automating identity/ access management**
- **Reduce delays in on/off-boarding identities and their physical access in PACS**
- **Centralise physical access control of all identities across disparate physical access control systems (PACS)**
- **Demonstrate compliance with regulations such as Sarbanes-Oxley**
- **Minimise risk around manually enforcing provising policies**
- **Gain useful analytics and reporting with regular updates**

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# SAFE ENTERPRISE:
# Features

**SAFE Enterprise provides a comprehensive range of features, including:**

**Centrally manages** all types of identities of interest to physical security, i.e. permanent and temporary employees, contractors, visitors and vendors.

Provides a central location to **search and assign access levels to an identity** across disparate systems

The urgent termination feature **allows authorised personnel to immediately terminate physical access,** avoiding delays of terminations by HR personnel

Allows users to create spatial hierarchy of locations (sites), the underlying buildings, floors and the associated areas for **better access management**

Allows users to **create virtual zones of related access levels** across disparate systems and locations

Access profile feature allows users to **automate assigning of physical access using common conditions,** i.e. role-/location-based access

**Complete audit trail of all transactions** executed within the system and between SAFE and external systems

**Pre-defined reports** on physical identities and their access, including identities by type and status access

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# WHAT DOES SAFE ENTERPRISE MEAN

# For your Organisation?

**SAFE Enterprise by Quantum Secure, part of HID Global, takes risk management and mitigation far beyond the capabilities of traditional access control systems.**

**Reduced Costs:** SAFE Enterprise provides immediate operating cost reduction by leveraging existing physical/IT infrastructure to automate manual processes that reduce errors

**Mitigated Risks:** A centralised platform with policy-based workflows closes loopholes, forces accountability through logs and enforces identity access based on role and location, as well as organisational and regulatory policies

**Demonstrable Compliance:** Logs who has access to what, when, and why; logs can be formatted and scheduled based on regulatory requirements

**Advanced Analytics:** Robust reporting informs security teams of activity in on-boarding and badging access manager and visitor manager. It includes status, activity monitoring, diagnostics and compliance

**Predictive Security:** Logs are leveraged with predictive analytic techniques to transform security data into critical knowledge and actionable insights called IOCs; enabling organisations to take preventive action against possible threats

**Customer Centricity:** SAFE Enterprise supports stakeholders by automating many of the security business processes that help internal customers initiate and track their own requests

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# WHAT DOES SAFE ENTERPRISE MEAN FOR YOUR

# Organisation?

**SAFE Enterprise brings siloed areas together to streamline major identity management tasks like on-boarding and badging, visitor management, access management and compliance.**

| SELF SERVICE HUB | SECURITY TEAM HUB | MANAGERS HUB |
|---|---|---|
| **On-Boarding & Badging** | | |
| **2.** Employees and contractors can easily modify their personal information | **1.** Security is notified when a new employee enrols, approves access and prints credentials | **3.** HR and IT teams can quickly on-board new employees |
| **Visitor Management** | | |
| **1.** Visitors can pre-register | **2.** Security review 'watch lists' for known offenders | **3.** Receptionists greet visitors, capture required information, notify hosts and print visitor badges |
| **Compliance** | | |
| All actions - from making a request to who authorised it and why - are captured and recorded | | |
| **3.** Automated processes ensures compliance by adhering to internal and external policies | **2.** Security can organise and publish compliance reports | **1.** Area owners and stakeholders can schedule and manage regular audits |

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# Conclusion

Quantum Secure's SAFE Enterprise is an ideal choice for effective, off-the-shelf physical identity and access management. It enables busy organisations to connect disparate physical security, IT and operational systems; automate manual security processes; and reduce both costs and risks.

Organisations of all types, across Fortune 100, financial, government and real estate vertical markets, have turned their investment in SAFE Enterprise into a strong and sustainable ROI.

## KEY BENEFITS OF SAFE ENTERPRISE:

**Cost:** Immediate operating cost reduction by manual processes that reduce errors

**Risk Mitigation:** Enables the proper vetting and authorising of identities based on role, location and other organisational policies

**Regulatory Compliance:** Process and approval automation provides consistent policy management

**Talk to an adviser about SAFE Enterprise and how to centrally manage the lifecycle of all types of physical identities.**

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Sources: [1] Based on an IDG Research Services survey of 101 IT security leaders at organisations with 1,000 or more employees