

# SECURITY AS A BUSINESS ENABLER

*WHY SECURITY NOW HAS A PERMANENT  
SEAT AT THE BOARD TABLE*



# Security can be overwhelming...

Technology  
Upgrades

Compliance

Contractors

IT

HR

Incident  
Management

Critical  
Assets

Mergers &  
Acquisitions

Business  
Resiliency



# TODAY'S SECURITY CHALLENGES

## DISPERSED & DISPARATE SYSTEMS

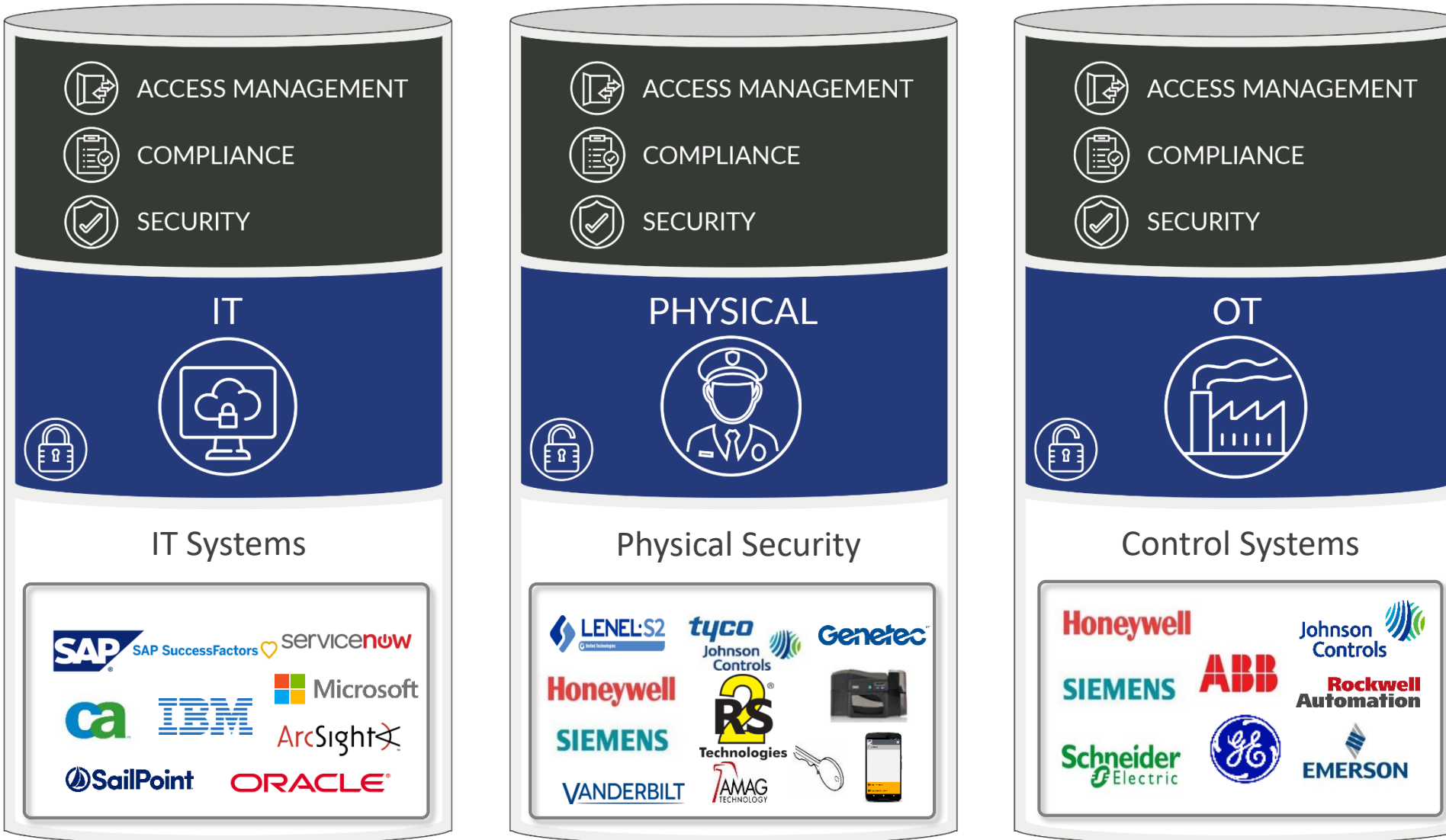
- Globally dispersed applications by multiple vendors
- Lack of/No correlation of data and events
- No insight into blended threats
- No mechanism to prevent threats
- Most systems only review incidents after they happen

## REGULATORY COMPLIANCE AND RISK DETECTION

- Maintaining continuous compliance with stringent (evolving) regulatory mandates (Security, Safety, Data Privacy)
- Risk mitigation for people, access and critical assets
- Regulatory audit and reporting requirements



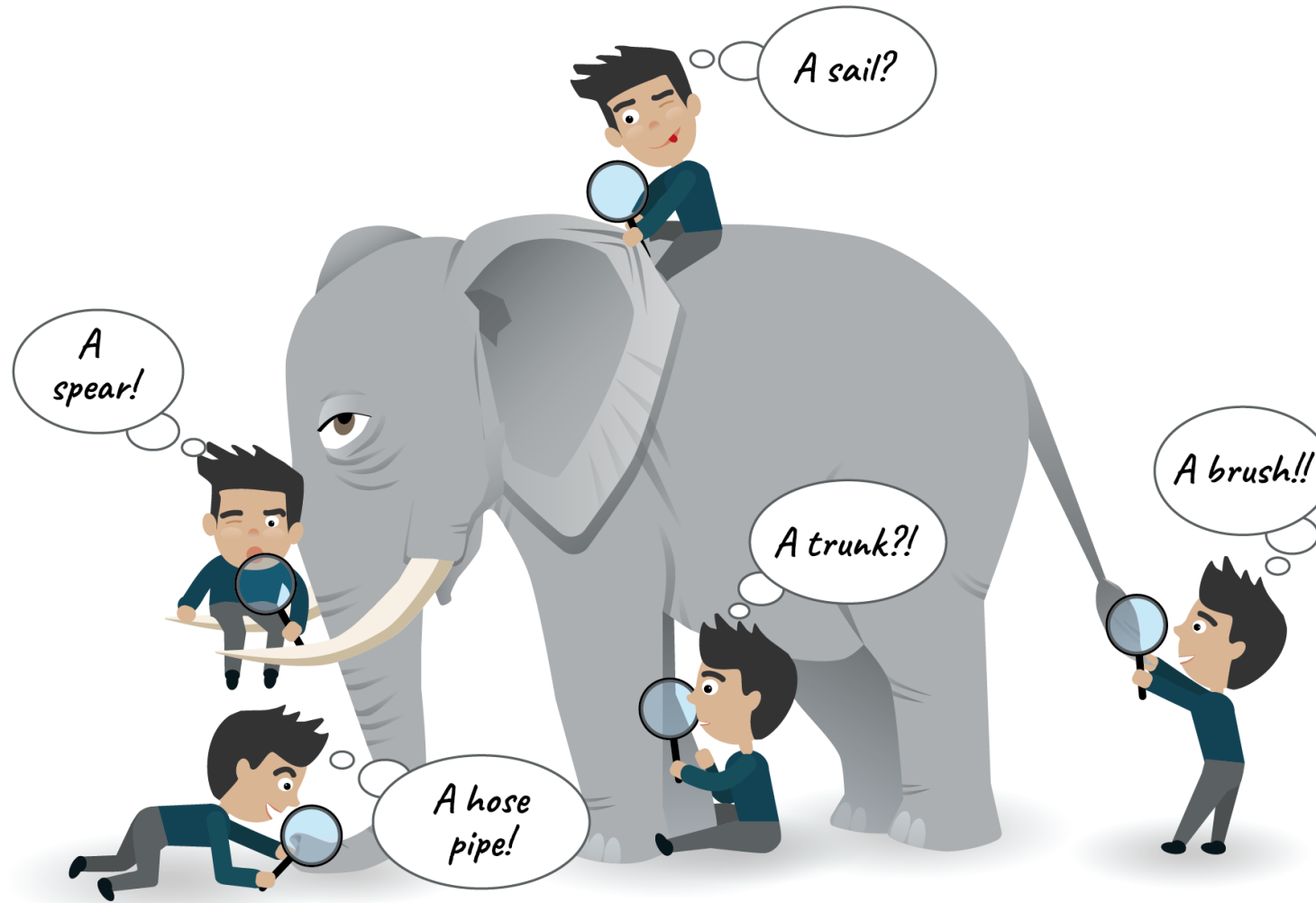
# Challenge – Organizations Respond to Threats in Silos. Attackers Don't Think That Way.



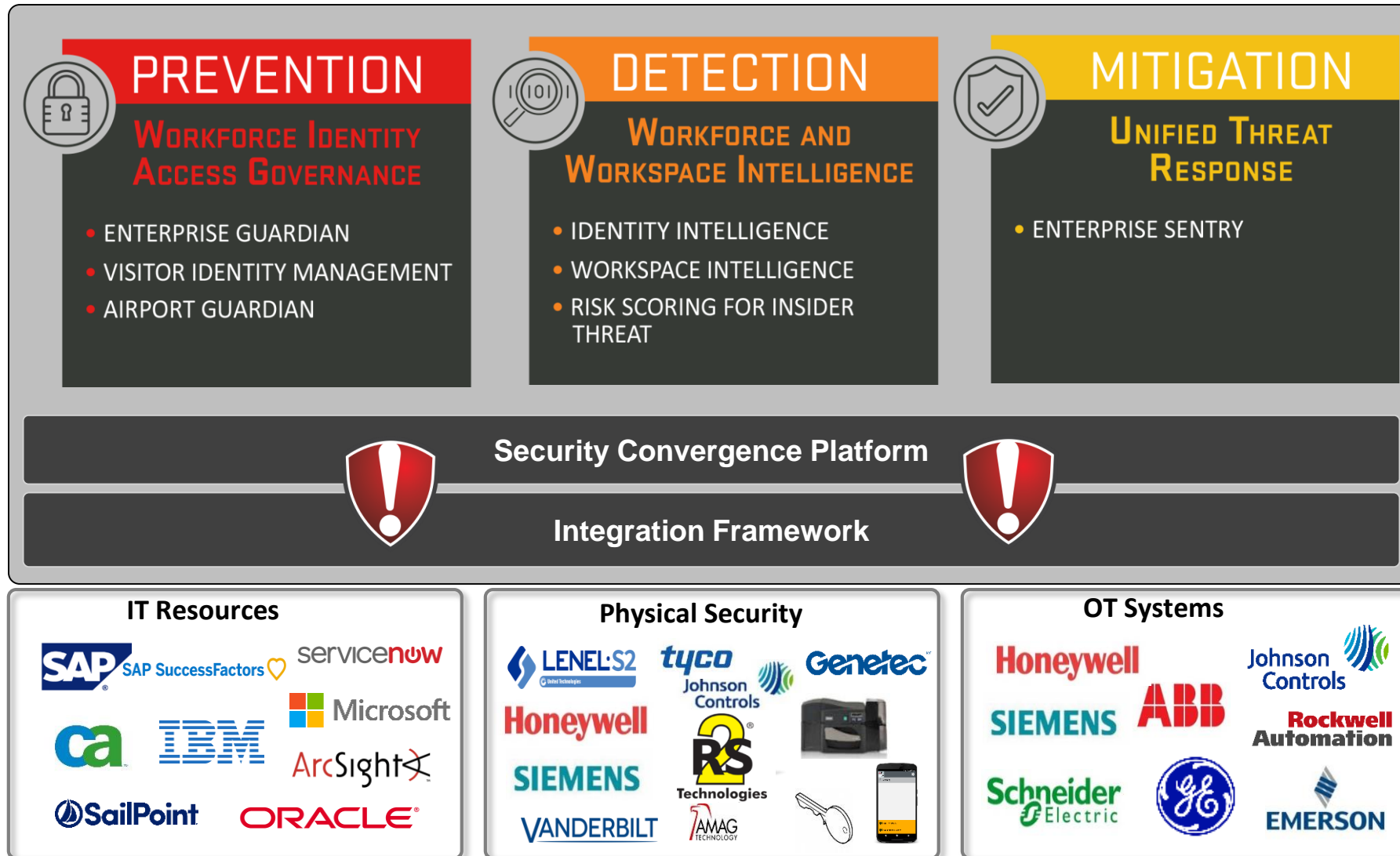
# SILO VIEW OF THREATS

MALICIOUS ACTORS BENEFIT FROM CYBER|IT, PHYSICAL SECURITY AND OT HAVING DIFFERENT VIEWS AND AGENDAS WHEN IT COMES TO INSIDER THREATS.

# Silos – Root Cause for most security issues (No one has the Big Picture...)

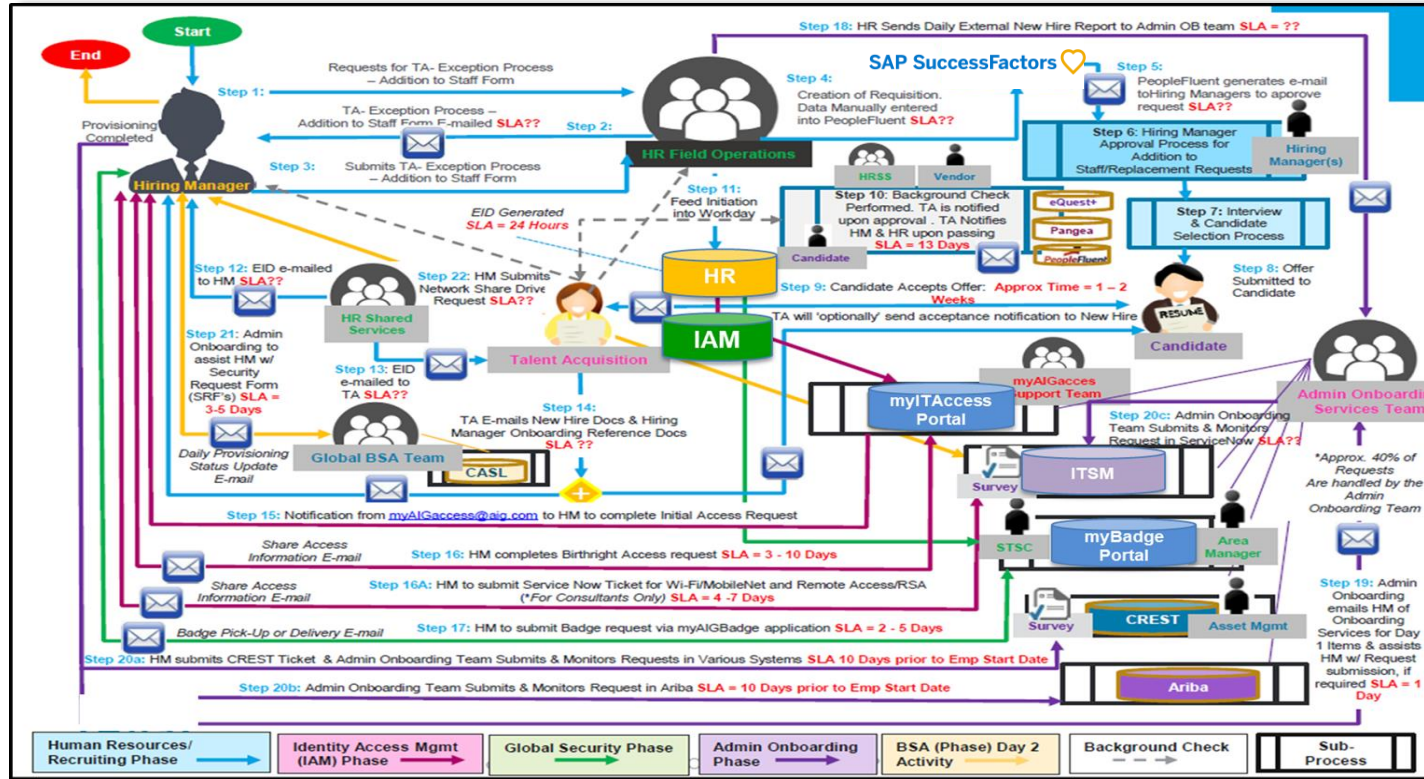


# Solution – Converged Identity Access Governance, Intelligence & Unified Threat Response





# A Customer's Painful Journey – laborious, error prone, complex 'Hire to Retire' process...



### IT Resources

- SAP
- SAP SuccessFactors
- SAP Fieldglass
- SAP Concur
- SSO
- serviceNow
- IAM
- Microsoft

### Physical Security

- LENEL-S2
- tyco
- Genetec
- Honeywell
- Johnson Controls
- SIEMENS
- VANDERBILT
- AMAG TECHNOLOGY

### OT Systems

- Honeywell
- SIEMENS
- Schneider Electric
- ABB
- Rockwell Automation
- Johnson Controls
- GE
- EMERSON

# 'Hire to Retire' Process Simplified – Workforce Productivity and Frictionless Secure Access

The screenshot displays the ALERT ENTERPRISE Identity console. The top navigation bar includes 'Home', 'Identity', 'Risk Analysis', and 'Reports & Dashboards'. The main interface is divided into several sections: 'Identity & Access', 'Trainings & Certifications', and 'Privileged Access Recertifications'. A search dropdown menu is open, showing a list of users with their names, titles, and locations, along with 'Modify Identity' and 'Modify Access' options. Below the search bar, there are radio buttons for 'Request For: Yourself', 'My Employees', and 'Others'. The central area contains various request types such as 'Contractor Hiring', 'Change Access', 'New/Modify/Remove access', 'Emergency Termination', 'Termination', 'Training/PRA For Contractor/Employee', 'Enterprise Role', 'Change in Position', 'New/Modify/Remove Database Access', 'Remove Standard Network Access', 'Remove Physical Access', and 'New/Modify/Remove Standard Access'. At the bottom left, a flowchart titled 'CIP: Request CIP Access Roles (Alert/Access)' details the process from 'Start' through various decision points (e.g., 'Is Pre-Id?', 'PRA Expired?', 'Training Expired?') to roles like 'CIP HR PRA Admin', 'CIP BUCC', and 'CIP Token Infosec'. At the bottom right, a circular diagram illustrates the integration of ALERT ENTERPRISE with various systems and roles, including IT/HR, PACS 1, PACS 2, BIOMETRICS, SMARTCARD, ASSOCIATE LEGAL ACCESS, THIRD-PARTIES, HR DATABASE, and CIP HR PRA Admin.

# Customer Example – SF Driven Physical Access Rights Management to Mfg. Workspace



REAL ESTATE



MEDICAL



FINANCIAL



DATA CENTERS



AIRPORTS



TRANSPORTATION



POWERGEN



MANUFACTURING



OIL & GAS

## MOST CRITICAL INFRASTRUCTURE SECTORS



HR/LMS

HR Personnel Change

- Joiners
- Movers
- Leavers

Learning Management

- Background
- Training
- Certification



Identity & Access Governance

- Access Requests, Approvals
- Area Owners, Managers Review/Add/Remove Access
- Access Review, Re-Certification
- Reports, Dashboards

SAP SuccessFactors



SELF-SERVICE PORTAL



### ACCESS RIGHT MANAGEMENT



IDENTITY STORE



RULES ENGINE



WORKFLOW ENGINE



POLICY ENGINE



DATA RECONCILIATION



RISK ENGINE



CONTENT PACK

INTEGRATION FRAMEWORK



PHYSICAL SECURITY



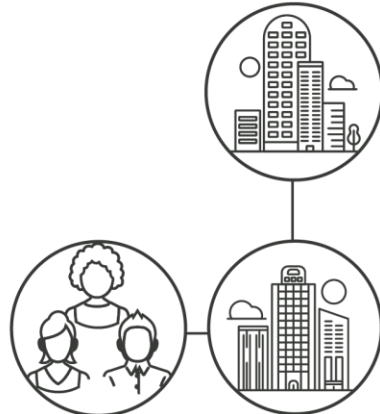
OT



BADGE MANAGEMENT



PHYSICAL ACCESS



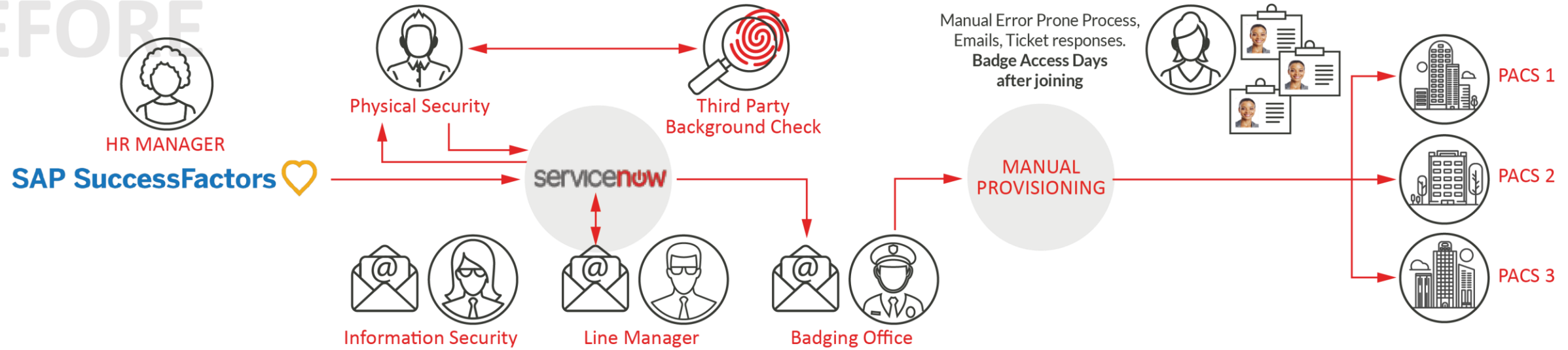
WORKFORCE



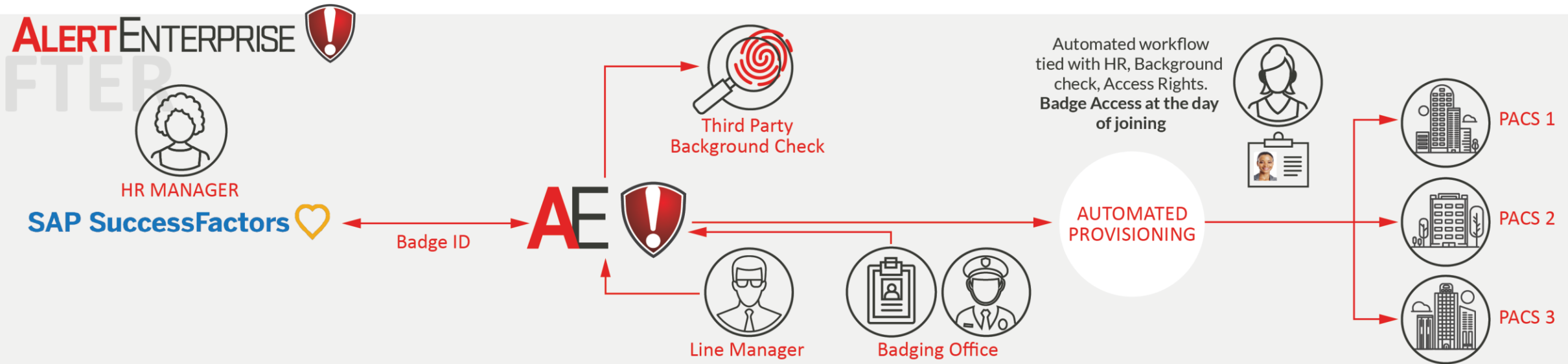
WORKSPACES

# Customer Example – Badge Issuance and Immediate Workspace Access from Day 1 of Hire

BEFORE

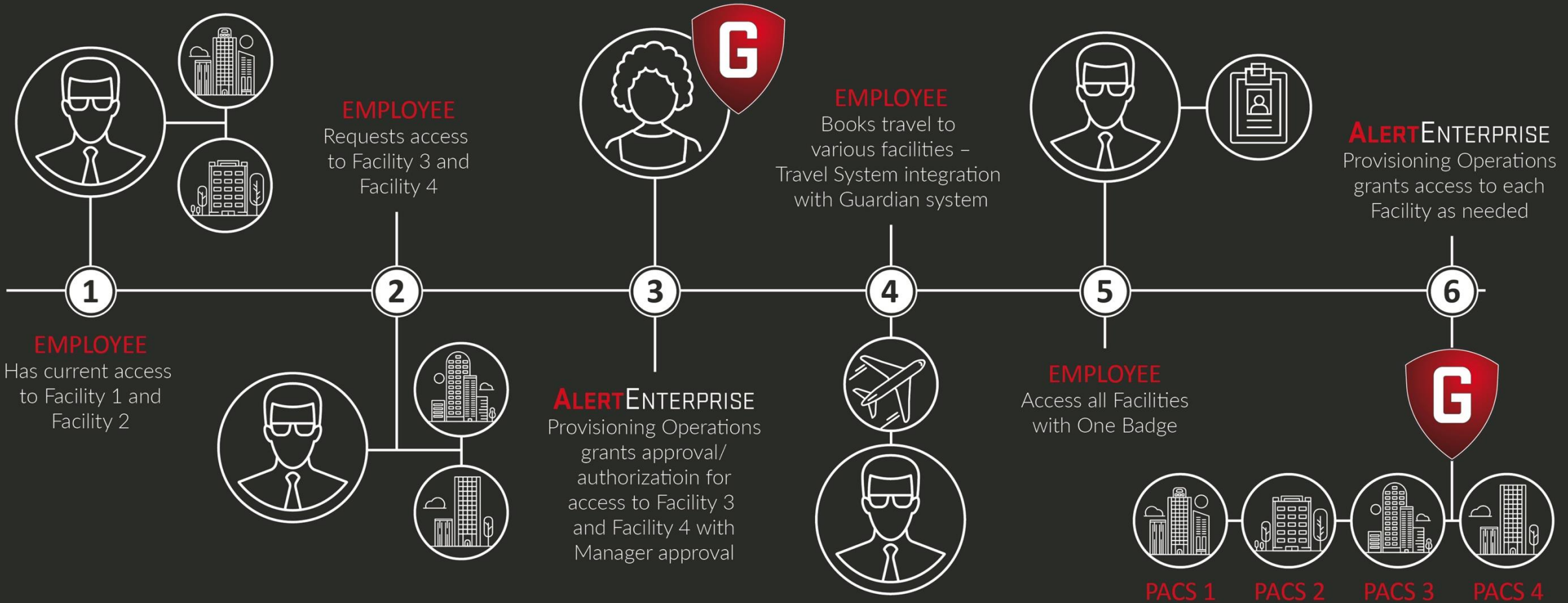


AFTER



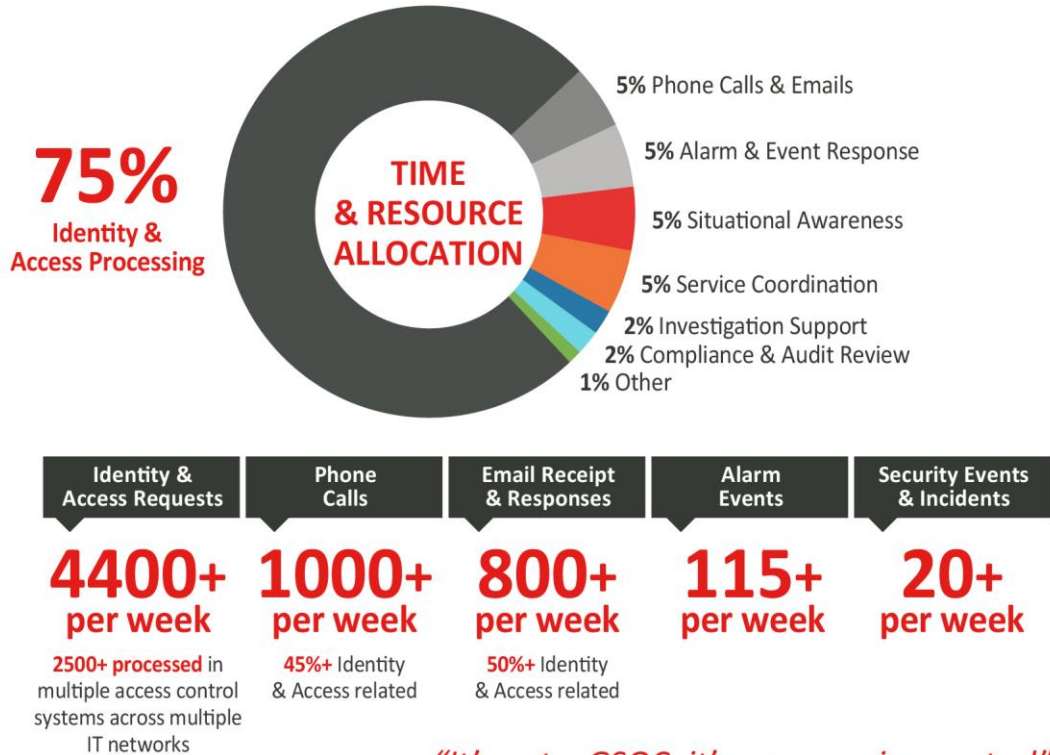
# ONE BADGE | MANY PACS

Using one badge, Enterprise Guardian provides secure access to multiple facilities that use different Physical Access Control Systems.

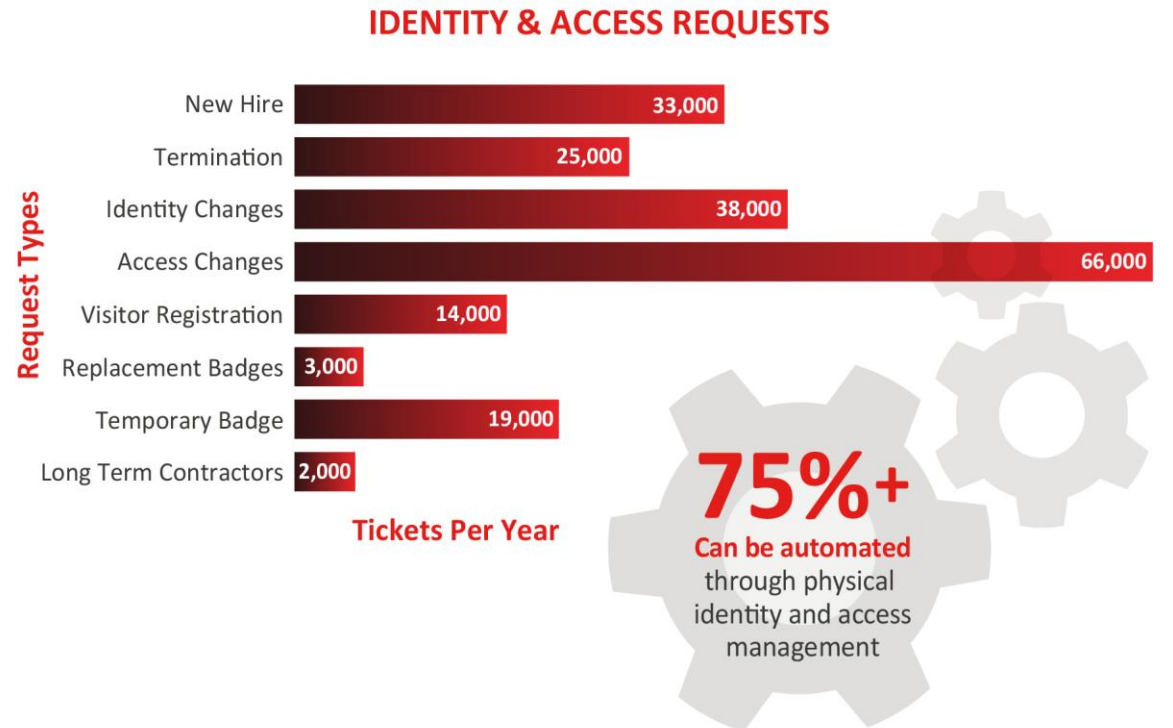


# Customer Value – Turning GSOC from ‘Processing Center’ to Security Center

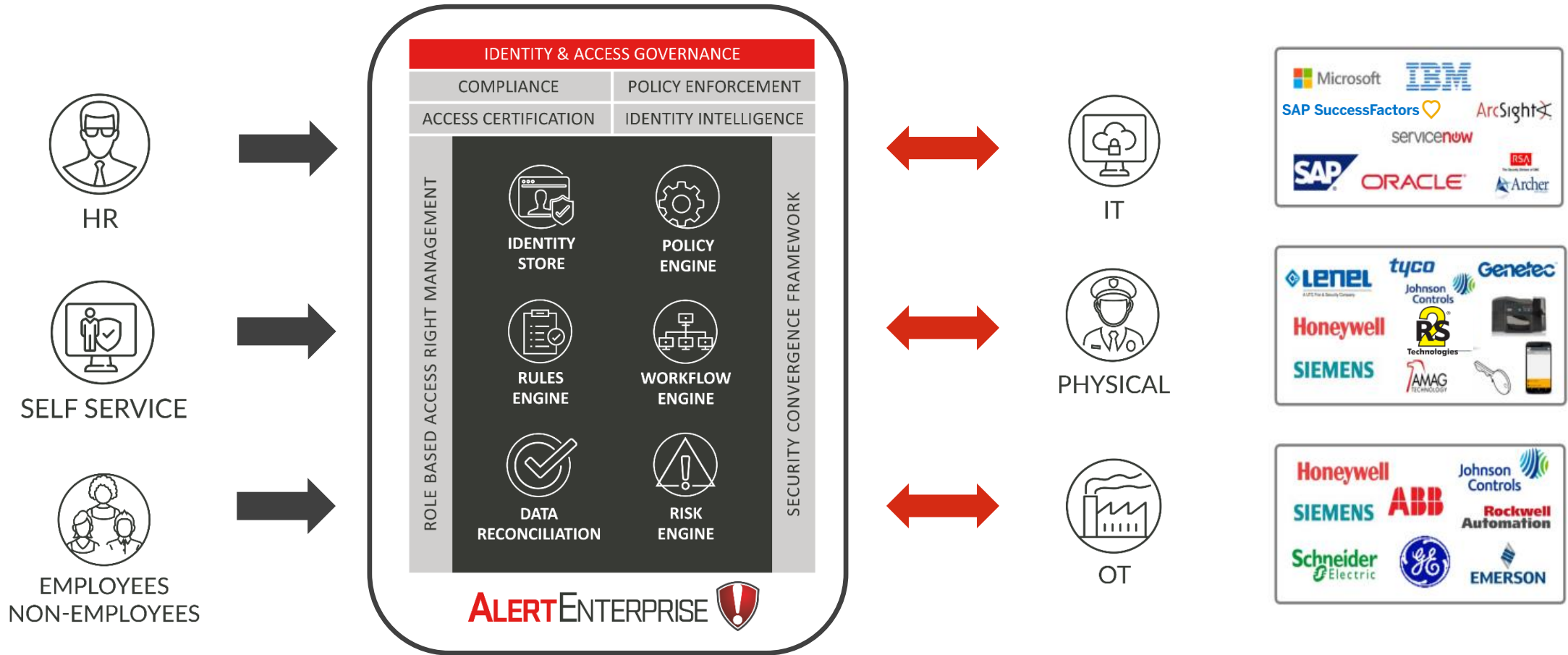
## GSOC BEFORE AUTOMATION | BY THE NUMBERS



*“It’s not a GSOC, it’s a processing center!”*



# NIST / NCCoE Validation – IT, Physical & OT Security Convergence Reference Model




**NCCoE** NATIONAL CYBERSECURITY CENTER OF EXCELLENCE
 *NIST NCCoE Reference Deployment leverages AlertEnterprise Unique Ability to Manage IT, Physical and OT Identities. Copyright © 2015, AlertEnterprise, Inc.*



## STREAMLINE SECURITY ADMINISTRATION & SUPPORT COSTS

Automating manual labor-intensive and error-prone security administration and operational tasks and avoiding technology spending associated with a custom integration, duplicates and rip and replace.



## IMPROVE WORKFORCE & WORKSPACE EFFICIENCY

Making the workforce effective from day 1 of hire and providing a frictionless secure workspace access experience to perform their job without delays.



## IMPROVE COMPLIANCE & ENFORCE POLICIES

Automating physical access reviews and re-certification tasks and enforce training/compliance pre-requisite controls with the approval process before access.



## REDUCE COSTS OF BREACH, RISK & DAMAGES

Preventing cyber/insider threats and security/data breaches by enforcing physical security access governance.



# BRIDGING THE GAP IN SILOS CREATES A BRIDGE TO NOWHERE



# Key Lessons & Next Steps

- **Futuristic/Holistic Security Approach**
- **Governance (Physical Security GRC..)**
- **Workforce Experience – Most Important**
- **Compliance (Active Policy Enforcement)**
- **Protection of Crown Jewels**
- **Industry Content Packs**
- **Software Defined Controls (e.g. Real Time Terminations, Coronavirus)**
- **Innovation Days hosted by Customers**



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