SECURITY AS A BUSINESS ENABLER

WHY SECURITY NOW HAS A PERMANENT SEAT AT THE BOARD TABLE
WE THINK IT'S TIME FOR YOU TO COME SIT AT THE BIG KIDS' TABLE!!!
Security can be overwhelming...
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.
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...)

A sail?

A spear!

A trunk?!

A hose pipe!

A brush!!
Solution – Converged Identity Access Governance, Intelligence & Unified Threat Response

**PREVENTION**
- Workforce Identity Access Governance
  - Enterprise Guardian
  - Visitor Identity Management
  - Airport Guardian

**DETECTION**
- Workforce and Workspace Intelligence
  - Identity Intelligence
  - Workspace Intelligence
  - Risk Scoring for Insider Threat

**MITIGATION**
- Unified Threat Response
  - Enterprise Sentry

Security Convergence Platform
Integration Framework

**IT Resources**
- SAP
- SAP SuccessFactors
- Microsoft
- IBM
- CA
- SailPoint
- Oracle

**Physical Security**
- Lenel-S2
- Tyco
- Genetec
- Honeywell
- Siemens
- Vanderbilt
- RS Technologies

**OT Systems**
- Honeywell
- Siemens
- ABB
- Rockwell Automation
- Johnson Controls
- Schneider Electric
- GE
- Emerson
A Customer’s Painful Journey – laborious, error prone, complex ‘Hire to Retire’ process...
‘Hire to Retire’ Process Simplified – Workforce Productivity and Frictionless Secure Access

[Image of a flowchart and a screenshot of the AlertEnterprise platform showing Identity & Access, Trainings & Certifications, Privileges, and more.

The flowchart illustrates the process steps for Contractor Hiring, Change Access, New/Modify/Remove access, Emergency Termination, Termination, and Training/PRA for Contractor/Employee.]

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

MOST CRITICAL INFRASTRUCTURE SECTORS

ACCESS RIGHT MANAGEMENT

IDENTITY STORE
RULES ENGINE
WORKFLOW ENGINE
POLICY ENGINE
DATA RECONCILIATION
RISK ENGINE
CONTENT PACK

INTEGRATION FRAMEWORK

PHYSICAL SECURITY

BADGE MANAGEMENT

PHYSICAL ACCESS

WORKFORCE

WORKSPACES

SELF-SERVICE PORTAL

AE

SAP SuccessFactors

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

Before:
- HR Manager
- SAP SuccessFactors
- Physical Security
- Third Party Background Check
- Information Security
- Line Manager
- Badging Office
- Manual Provisioning
- PACS 1
- PACS 2
- PACS 3

After:
- HR Manager
- SAP SuccessFactors
- Badge ID
- Third Party Background Check
- Line Manager
- Badging Office
- Automated workflow tied with HR, Background check, Access Rights, Badge Access at the day of joining
- Automated Provisioning
- PACS 1
- PACS 2
- PACS 3
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

75% Identity & Access Processing

5% Phone Calls & Emails
5% Alarm & Event Response
5% Situational Awareness
5% Service Coordination
2% Investigation Support
2% Compliance & Audit Review
1% Other

TIME & RESOURCE ALLOCATION

IDENTITY & ACCESS REQUESTS

<table>
<thead>
<tr>
<th>Request Types</th>
<th>Tickets Per Year</th>
</tr>
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<tbody>
<tr>
<td>New Hire</td>
<td>33,000</td>
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<tr>
<td>Termination</td>
<td>25,000</td>
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<tr>
<td>Identity Changes</td>
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<tr>
<td>Access Changes</td>
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<tr>
<td>Visitor Registration</td>
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<tr>
<td>Replacement Badges</td>
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<tr>
<td>Temporary Badge</td>
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<tr>
<td>Long Term Contractors</td>
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</tr>
</tbody>
</table>

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

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NIST / NCCoE Validation – IT, Physical & OT Security Convergence Reference Model
Making Security a Business Enabler

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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