



International Supply Chain Protection Challenges and Solutions

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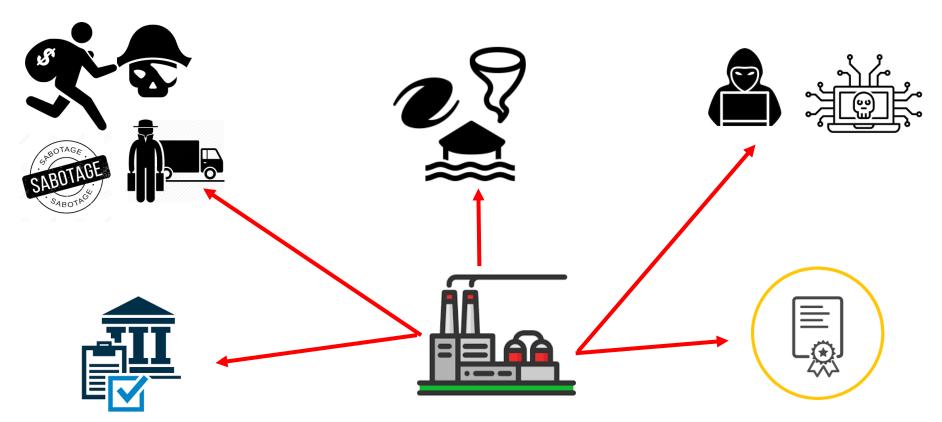
Air Liquide

Director of Security - Americas

Global Challenges of Supply Chain Protection



Supply Chain Security Challenges



Global Congress - Global Challenges











Global Issues in Their Own Words

"The ease and accessibility of precursors and supplies is our biggest challenge..."

"How do we maintain vigilance without impacting the bottom line?"

"How do we monitor and balance protection with privacy rights?"

Other Significant Issues

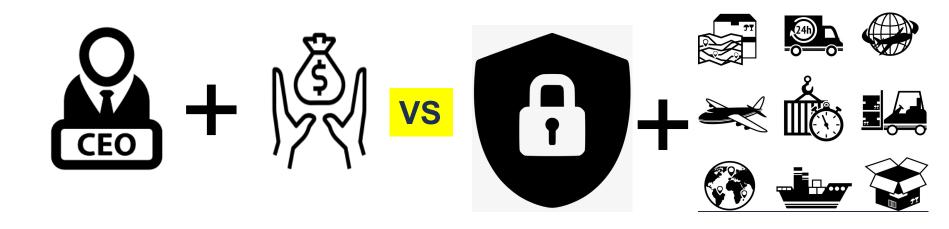


Vigilance and Constant Monitoring of Evolving Threats



Audit and Validation of 3rd Party Vendor Compliance

Our Biggest Challenge?



How Do We Speak the "Right" Language To Satisfy Everyone?

Solutions



- ✓ Know Your Audience;
- ✓ Smart / Appropriate Solutions;
- √ "Top Down" Buy In;
- ✓ Collaboration (Purchasing, IT, Operations, External Partners);
- ✓ Execution.

We ask all new employees during the new hire training program...

What is SECURITY?

Typical responses









In reality, we are responsible for...





















Our Responsibilities

Protecting ALL

"Board Level" Risks

(Duty of Care)

Program / Execution that FACILITATES the BOTTOM LINE... Will result in SUPPORT from ALL

BOARD LEVEL RISK & SECURITY PROGRAM ELEMENTS* **Board Level Security Department Business Areas Risk Categories** Security Program with Securityrelated Risk Privacy policies & Customer Relationship Data Regulatory security **Brand Reputation** compliance adherence Community Relations & Ethics Corporate Governance Law enforcement liaison Allegation response Intelligence analysis Information safeguards **New or Emerging** Global/International Mergers & Acquisitions & mitigation Due diligence investigations Markets for Country business risk · Competition Business intelligence **Business** assessment gathering Asset protection Allegations of manipulation Assets Management Exceptions management investigations · Accounting & Reporting Violation detection & Regulatory inquiries Market Fluctuations reporting · Data classification Information · Information & Privacy Physical access controls Digital I.D. management Intellectual Property Intrusion detection Authentication & access Networks Applications control Hardware New Technologies · Benefits loss prevention Background checks Human Misconduct Awareness & training Labor disruption planning Environmental Hazards Capital Code of conduct Intellectual property Turnover · Drug testing Employee Skills protection & Performance Compensation & Benefits Labor Union Issues Services Regulatory controls Investigations Legal Antitrust Violation · Risk assessment Program Integrity Noncompliance Regulation/ Security programs Regulatory compliance Audits Compliance Accreditation certification · Vendor contracts/code of · Partner due diligence ethics & regulations Third-party Vendors & Liability Records retention policy · Supply Chain Liability Litigation Partnerships & Service Providers Sales & Marketing Procurement Business R&D & Manufacturing · Information safeguards and · Mitigation management intellectual property Emergency response Logistics Continuity · Environment/Safety protection Disaster recovery plans & Resiliency Disruption detection Distribution Business Continuity Outsourcing · Branding Physical/Premises Inventory & Products Warehouse facility · Property protection program protection Facility access policy Unauthorized Access & Product Product protection program Partnerships/Services *Representative list, derived from © 2011 Security Executive Council, All Rights Reserved enterprise risk assessments research.

Bottom Line...

- ☐ Bad Actors are <u>constantly</u> evolving tactics;
- □ Risks and Threats need consistent vigilance.... (Includes Natural Disasters, Strikes, Cyber, etc...);
- □ Speak the "Right" Language = Buy In and Support;
- ☐ Verify and Audit! Customers, Vendors and Suppliers;
- ☐ Execute- Do what your say you will do.

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