



American Public University

Operational Security, Resilience & Sustainability
Defense Industrial Base Critical Infrastructure Protection
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Operational Security, Resilience & Sustainability

Agenda

- Definitions
- Convergence of Security and Operations
- Human Capital
- Conclusions



Operational Security, Resilience & Sustainability

Supply Chain Event	Components
Supply	Suppliers, Transportation, Disasters, Quality
Demand	Forecasts, Market turbulence, Quality
Process	Human capital, Identification of risk, Government
Control	Business Continuity, Measurement, Risk mitigation
Environment (Sustainability)	Energy, Toxins, Stewardship
Economy	Capital, Globalization, Infrastructure



Definitions

- Risk process describes the steps you need to take to identify, monitor and control risk...defined as any future event that may prevent you to meet your team goals
- Risk control involves measurement, prevention, contingency planning and mitigation of the impact of disruptive events.



Supply Chain Risk Management (1)

Pressures on SCRM:

- SC Vulnerability from growing global operations
- Increasingly volatile global economy
- Insufficient alignment of business objectives with business risk
- Lack of timely data
- Lack of alignment of business objectives among trading partners

(1) Aberdeen SCRM – July 2008



Risk Management for Operations Professionals:

1. Evaluate supply chain infrastructure
2. Dual purpose technology
3. Reduce exposure to supply chain risks from core internal processes
4. Collaborate with trading partners
5. Supply chain risk gap analyses
6. Data analysis, supply chain risk decision matrices and statistical modeling



Human Capital

- Acquire tools that blend OTJ with newly acquired knowledge in order to:
 - Understand the convergence of Security, Resilience and Sustainability
 - Understand trade offs
 - Understand the balance among operations and security professionals



Conclusions

- We must learn to optimize the trade off of risk management and efficiency
- We must consider multiple components of risk management
- Human capital provides an important source for security, resilience and sustainability



Operational Security, Resilience & Sustainability

Thank you.

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