

Command & Control

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What is Command & Control?





An approach in which functions are performed through management of personnel, equipment/systems, communications, facilities and procedures.

A Rational Approach

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Not about the technology; about <u>your</u> business

- Understand the associated challenges and benefits
- Go for basic functionality first
- Use what you already have
- Develop a plan for the next evolutionary step
- Adopt an evolutionary NOT revolutionary approach



Challenges in the Market

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Challenges

- Overwhelming amount of data to analyze and interpret
- Incompatible devices and systems
- Leverage existing systems
- Right people with right skill set

Market Reaction



Reaction

- More sensors tracking cargo
- More data
- New personnel and/or skillsets

Goals of Command & Control SIEMEN

Goals

- Max efficiency
 - Integrated computer processing
 - Reduced decisions and response time
 - Single point of logging and reporting

Operational Methodology

Business Usage of Space

- Identify, Classify, Create
- Baseline Requirements
 - Containers
 - Liquid Bulk
 - Breakbulk
 - Bulk

Geographic Space

Rules & Requirements

Solutions

Operations Domain

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Additional Considerations

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Primary Use Security Operations Building Automation (HVAC and Lighting)

Staffing

Current or additional personnel Union Environment Training

Reporting

What the Future Holds

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Communication & Information Technology	Situational Awareness/ Monitoring	Incident Management
Multimedia Tools	Traditional Security System Install. & Integration	Incident Reporting/ Computer-Aided Dispatch
Emergency Alert/ Mass Notification	Integration Services	
Radio Communications	Video Analytics	
Information Technology Systems	Integrated Situational Awareness System	
Communication Systems		
Interoperable Comm. & Information Sharing		

Core

Non-Core

Questions?



