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

Not about the technology; about your 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

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

- More sensors tracking cargo
- More data
- New personnel and/or skillsets
Goals of Command & Control

- 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
Additional Considerations

Primary Use

Security
Operations
Building Automation (HVAC and Lighting)

Staffing

Current or additional personnel
Union Environment
Training

Reporting
What the Future Holds

Communication & Information Technology
- Multimedia Tools
- Emergency Alert/Mass Notification
- Radio Communications
- Information Technology Systems
- Communication Systems
- Interoperable Comm. & Information Sharing

Situational Awareness/Monitoring
- Traditional Security System Install. & Integration
- Integration Services
- Video Analytics
- Integrated Situational Awareness System

Incident Management
- Incident Reporting/Computer-Aided Dispatch

Core

Non-Core
Questions?