

Command & Control

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What is Command & Control?

Command and Control



Personnel



**Equipment/
systems**



Communication



Facilities



Procedures

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

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

Reaction

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

Goals

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

- 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

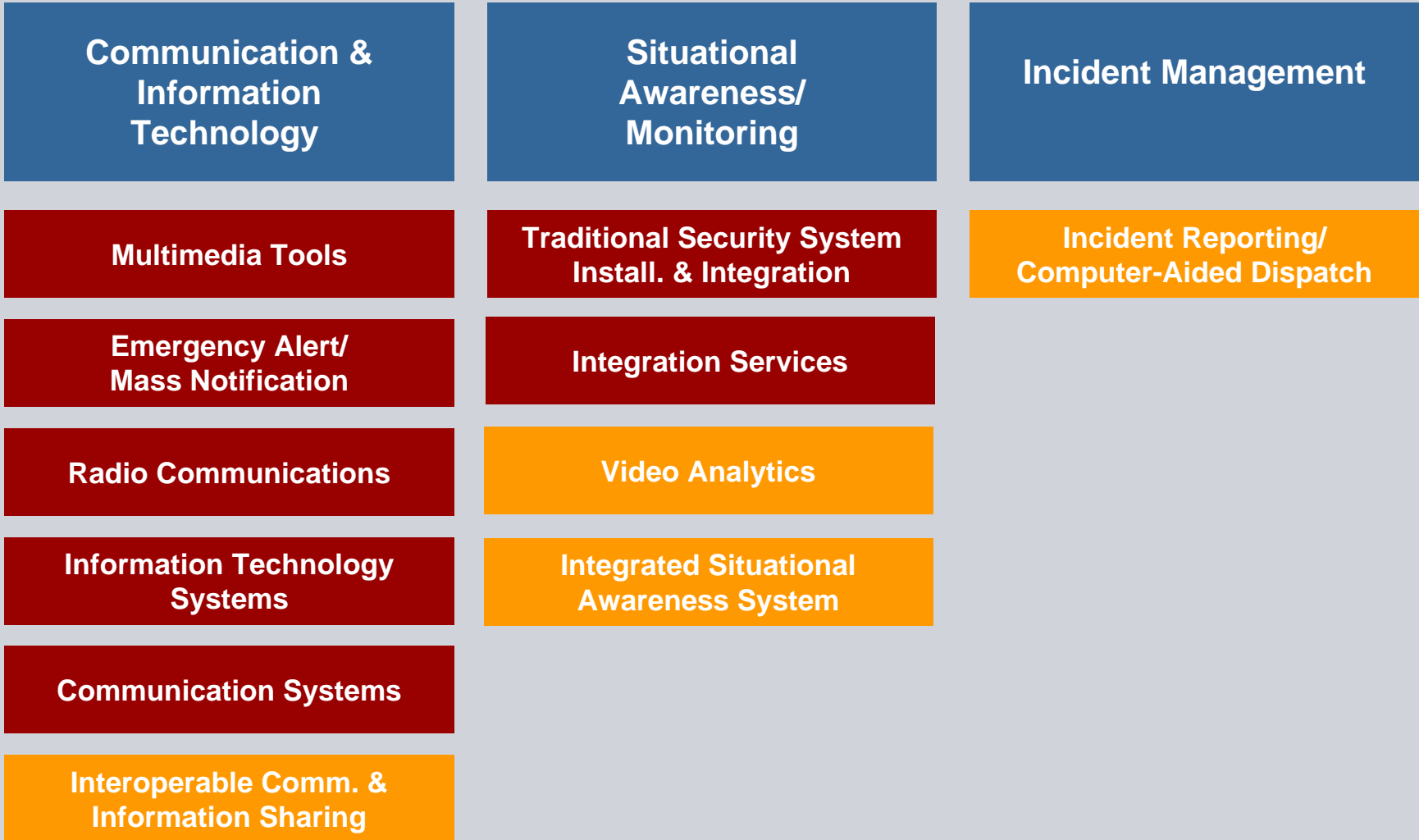
Current or additional personnel

Union Environment

Training

Reporting

What the Future Holds



Questions?

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