Thank You

Where Does Location Matter in Port Security?

Nate Johnson
US Maritime Ports

VICTORY AT SEA

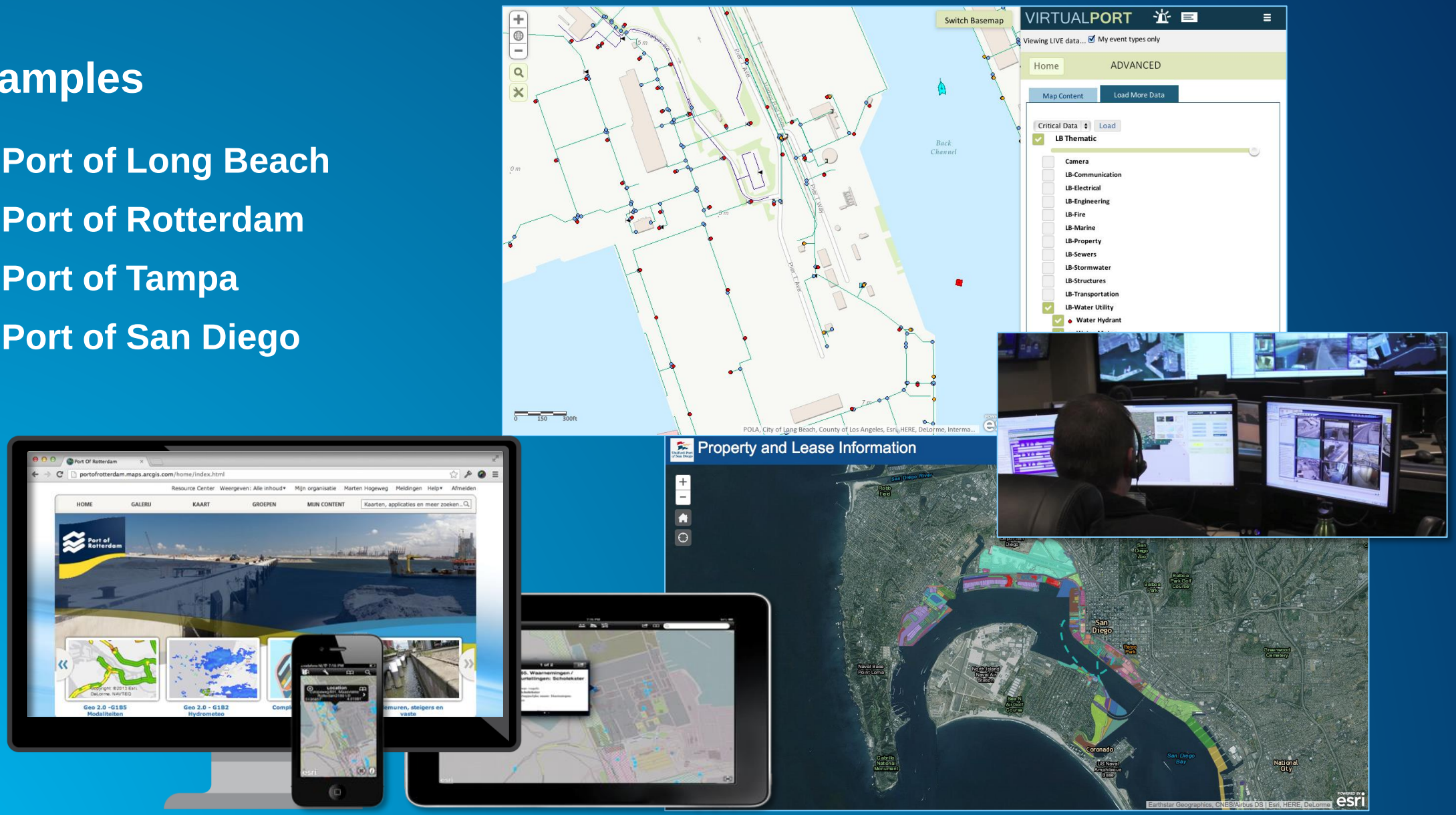
Purpose

Help you develop a location strategy for your port

- Where location matters in port security
- What is a location strategy
- How develop a location strategy

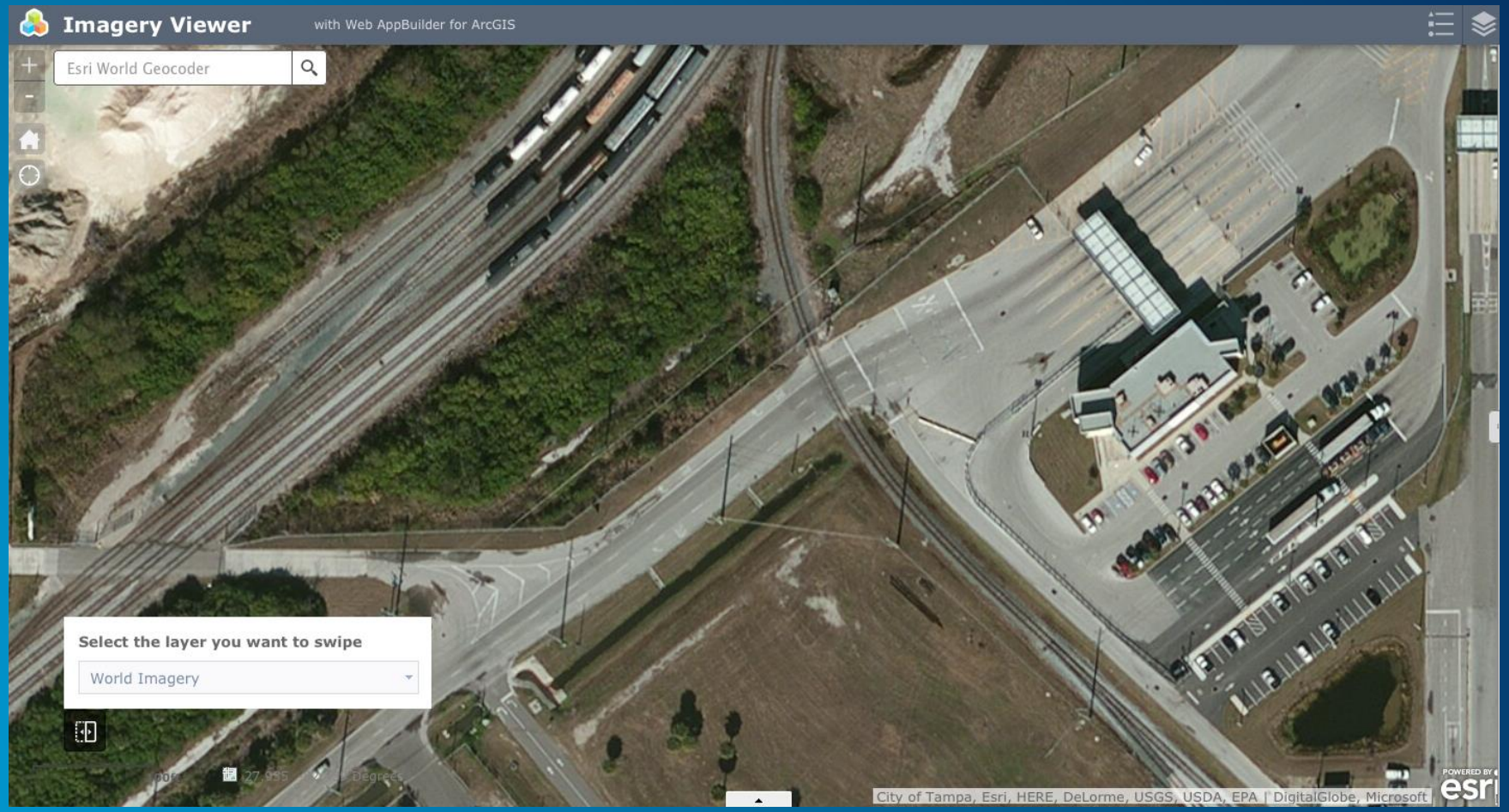
Examples

- Port of Long Beach
- Port of Rotterdam
- Port of Tampa
- Port of San Diego



Security Mission Uses

- Daily Operations
- Event Planning
- Incident Response
- Business Continuity



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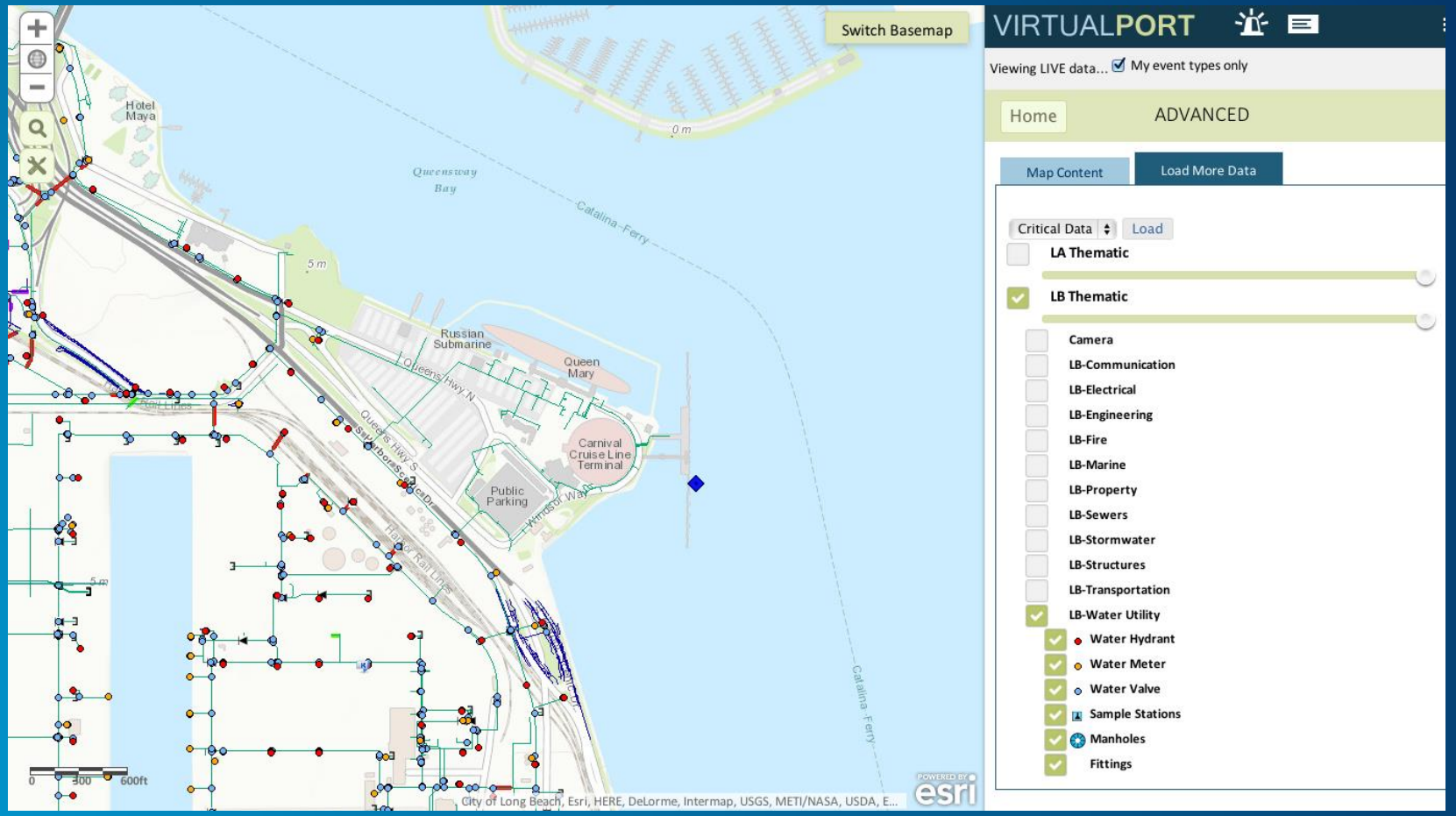

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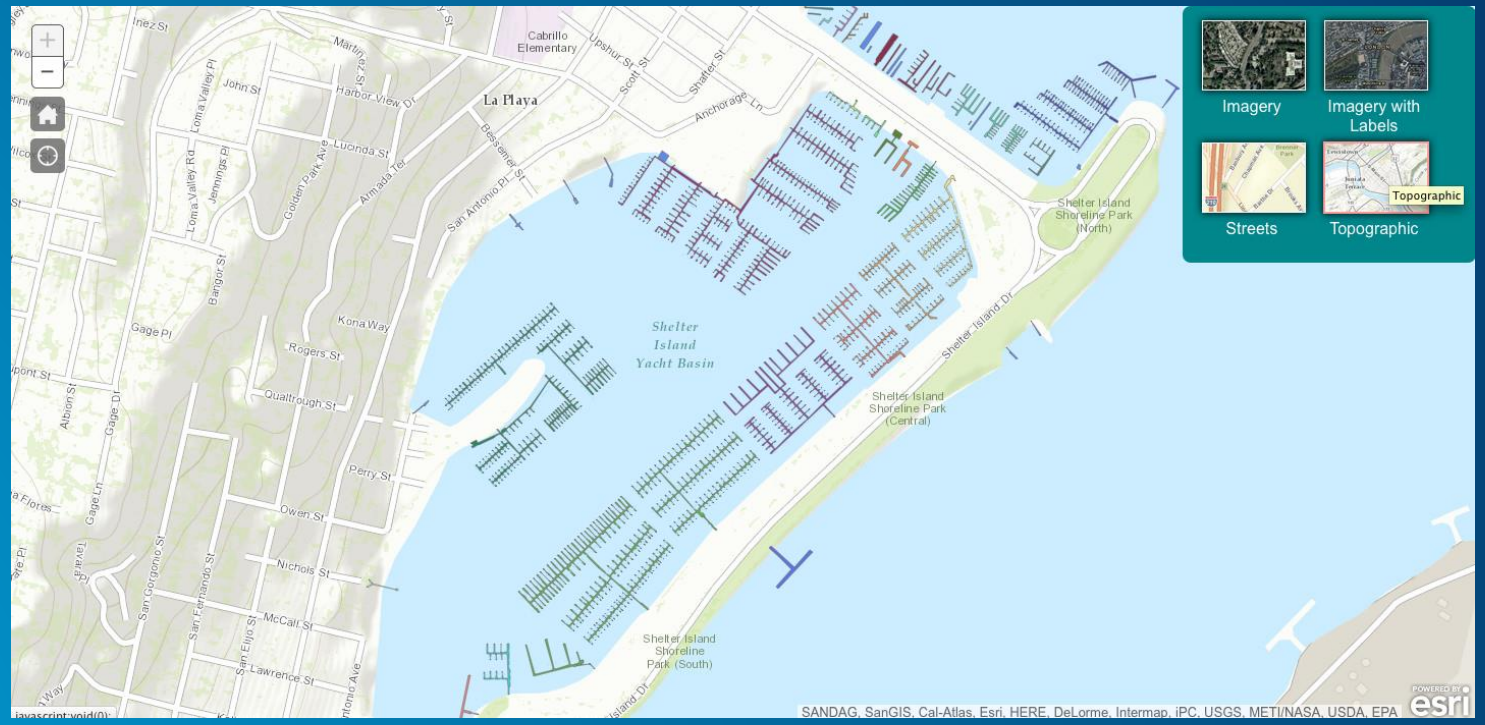

Security Mission Uses

- Daily Operations
- Event Planning
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- Business Continuity

End User Applications

Contributed Information

Federal
State
Local
Private

Dynamic Information

Vessels
Weather
Social Media
News
Video
Sensors…

Foundational Information

Utilities
Lease Areas
Jurisdictions
Nautical Charts
Roads
Imagery
Facilities
Berths
Land Ownership…

What is a Location Strategy?

- A document that guides how location will be leveraged to serve the port mission.
- It is aligned with priorities to support objectives.

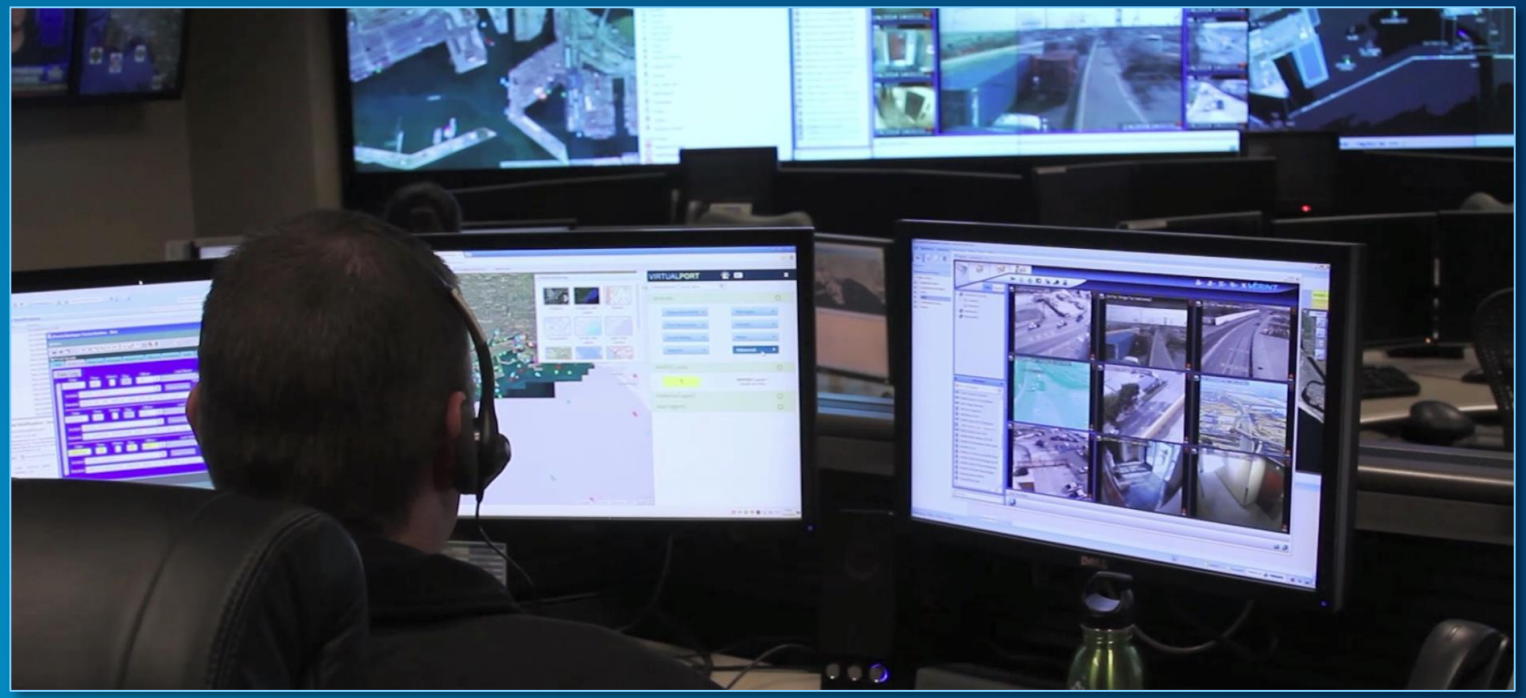
5 Pillars of a Location Strategy

- People
- Applications
- Data
- IT Environment
- Policy / Procedures

People

Can't Always Get What You Want…

- Starts at the Top
- All Divisions
- Division Leadership
- Partners/External Organizations
- Understand Workflows and Define Location Needs
- Apply Location
- Staffing and Staff Augmentation

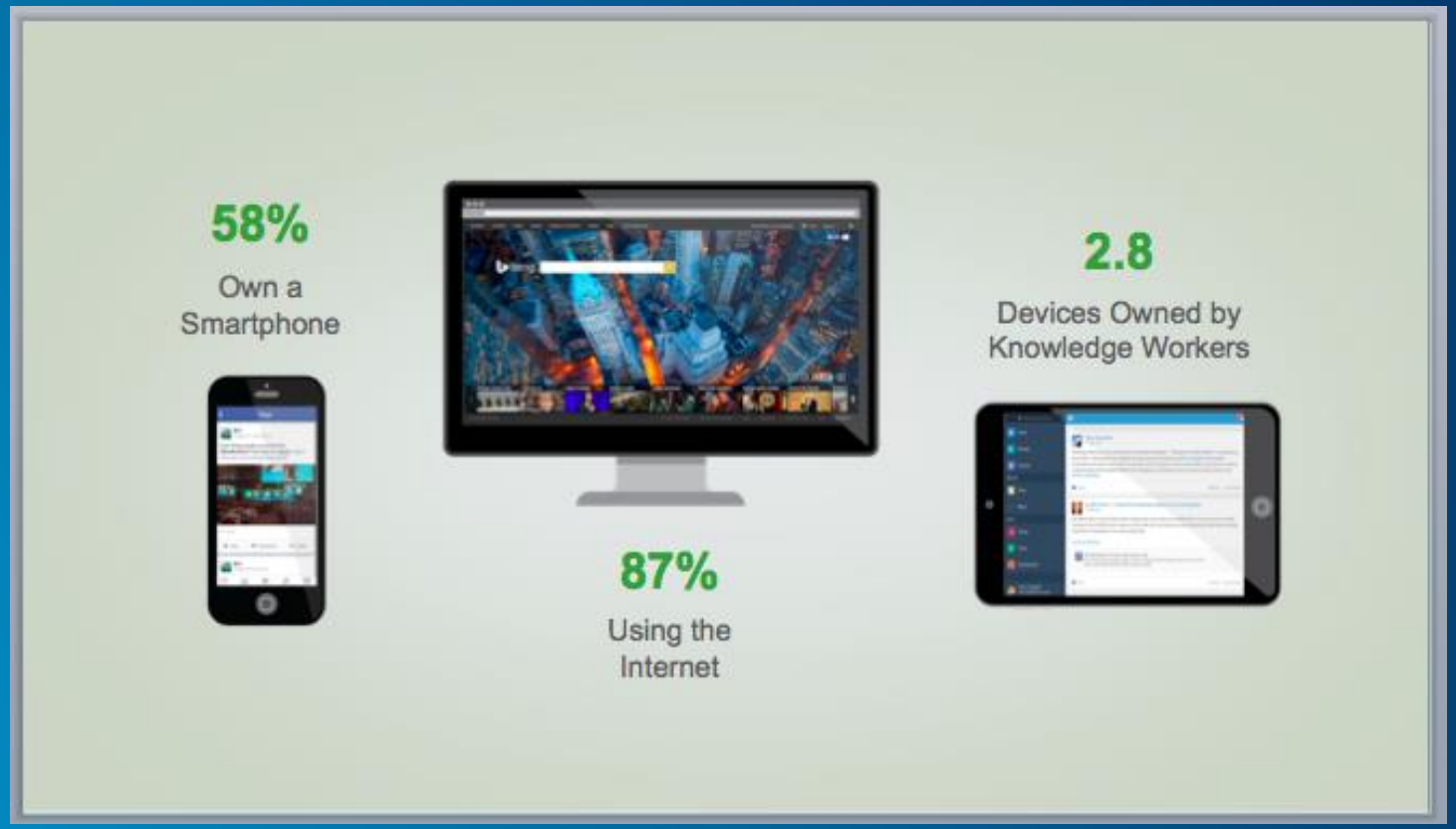


…but… sometimes you…you get what you need

Applications

Time is on my side…

- **Understand Workflows**
- **Define Data**
- **Interfaces**
- **Access**
- **Identity**
- **Priorities**



…you'll come running back

Applications

Time is on my side…

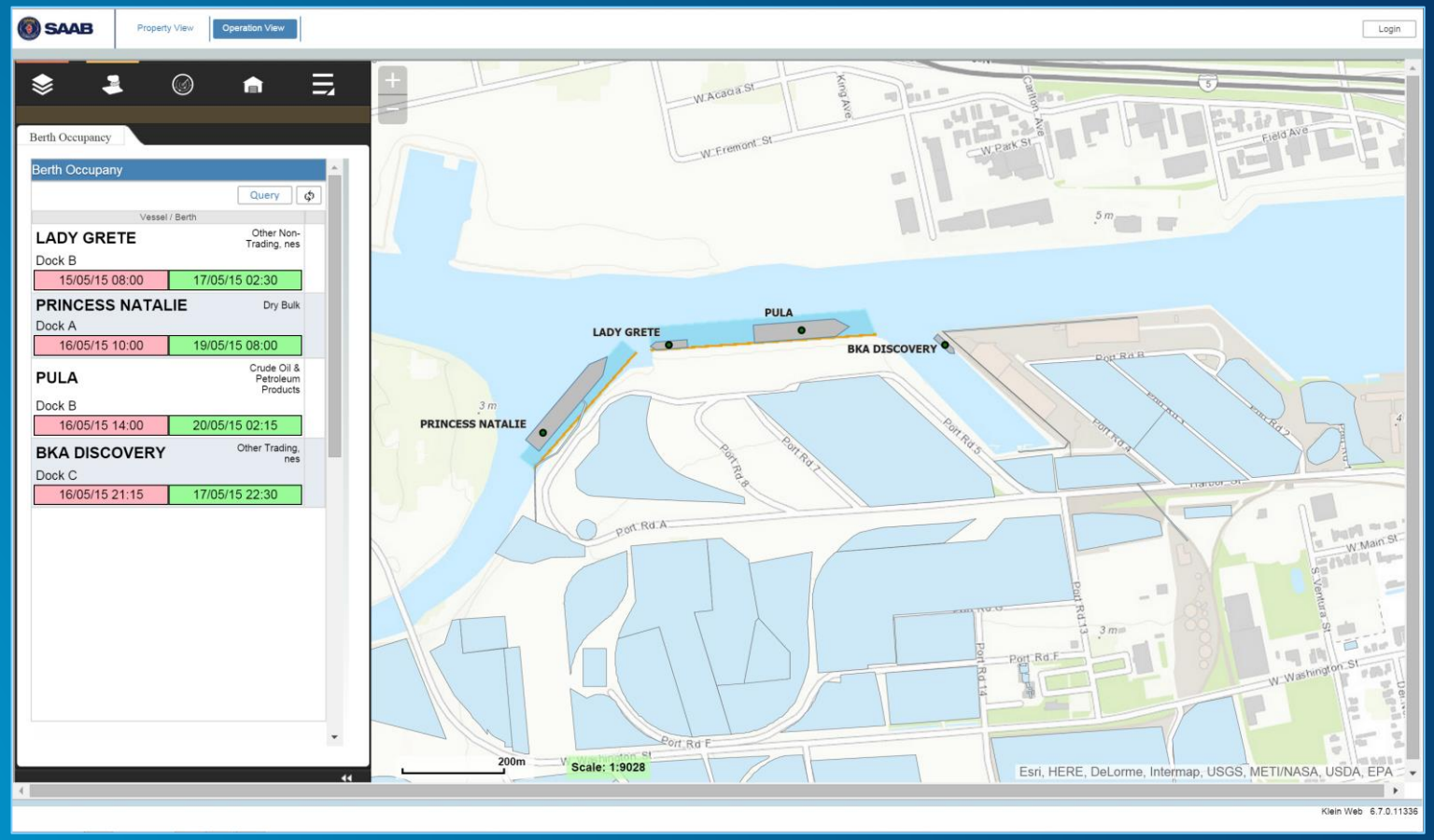
- **Implement Incrementally**

…you'll come running back

Data

19th Nervous Breakdown

- **Basemaps**
- **Dynamic**
- **Operational**



…Better stop and look around

Data Need and Source Matrix (example)

19th Nervous Breakdown

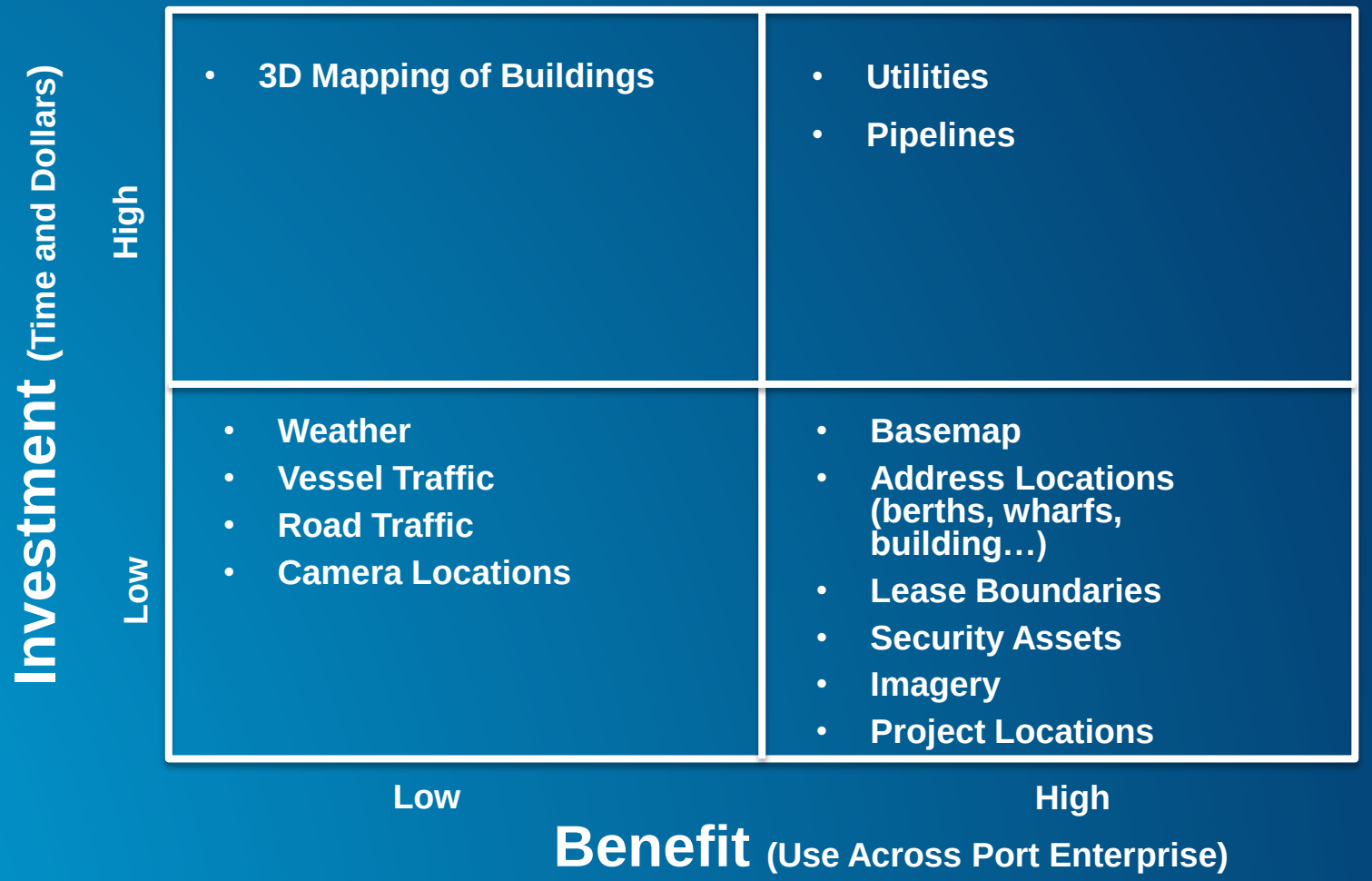
Layers	Security	Engineering	Real Estate	Environmental	Other
Imagery	x	O	x	x	
Leases	x	x	O	x	x
Roads	x	O	x	x	
Buildings	x	x	O	x	
Cameras	O	x	x	x	
Utilities	x	O	x	x	
Bathymetry	x	x	x	x	O
Charts	x	x	x	x	O
Drainage	x	O	x	x	x
Pavement		O			
……		x		O	

…stop and look around

Data

19th Nervous Breakdown

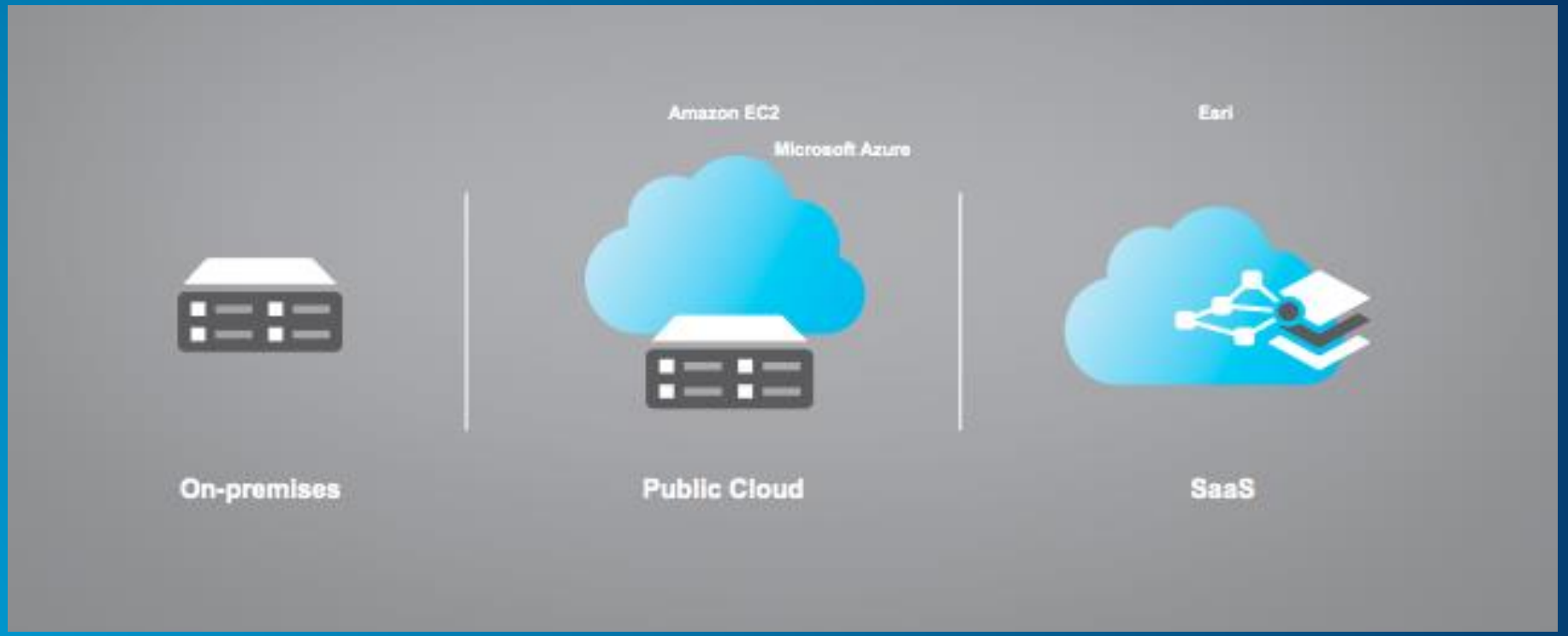
- **Match Data Development To App Priorities**



Information Technology Architecture

Get off my cloud…

- Hybrid
- Identity
- Access Management
- Documented API’s

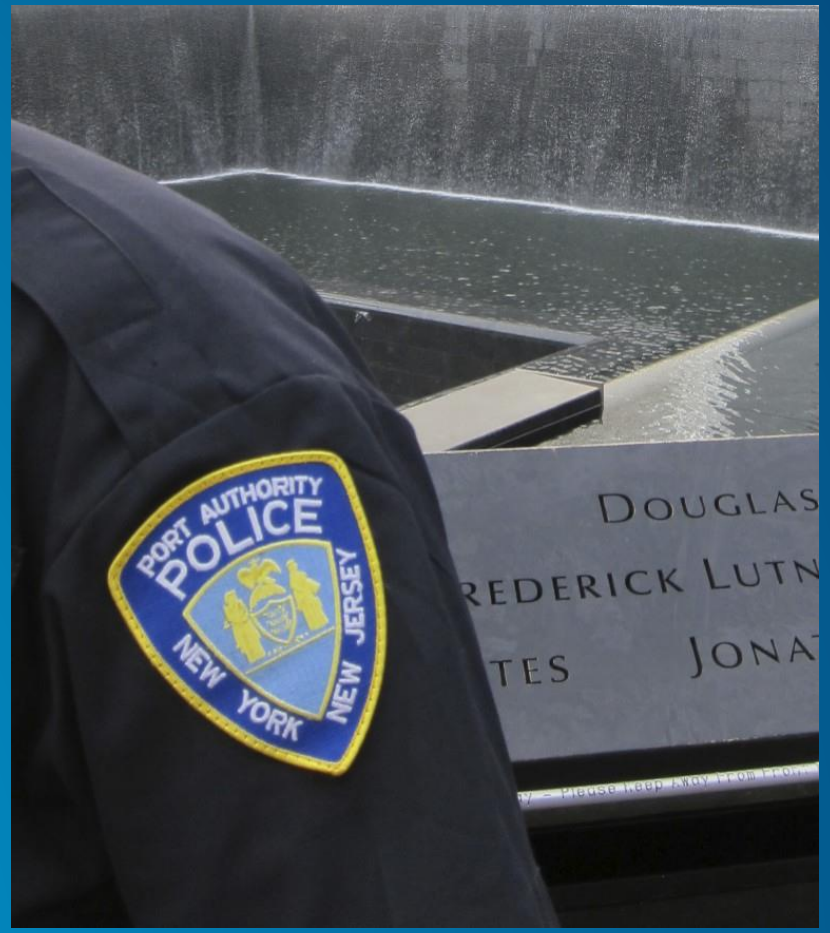


…Hey You!

Information Technology Architecture

Get off my cloud…

- **Disaster Recovery**



Policy and Procedures

Under My Thumb…

- **Steering Groups**
  - **Executive (Annually or Semi-Annual)**
  - **Division Leadership (Quarterly)**
  - **Technical Steering Groups (Monthly)**
- **Define Data Ownership and Update Responsibilities**
- **Make Location Capabilities a Part of Exercises and After Action Reviews**
- **Specify Location Requirements in RFP's**
- **Create a Digital Submission Standard**
- **Change Management**

…Change Has Come

What is a Location Strategy?

- A document that guides how location will be leveraged to serve the port mission.
- It is aligned with priorities to support objectives.
- Incremental Implementation

Nate Johnson

njohnson@esri.com