



Penobscot  
Bay **MEDIA**

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**Spring NEARC**

# Spatial Data Infrastructure

## Enterprise GIS has foundation “Framework” Layers

- Roads
- Parcels
- Building Footprints
- Addresses

**Features that serve as spatial “anchors” for important business processes and documents**

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**Features that serve as spatial “anchors” for important business processes and documents**

# Facilities Information Infrastructure

## In-Building GIS has foundation “Framework” Layers

- Building Footprints
- Floors
- Zones
- Rooms

**Features that serve as spatial “anchors” for important business processes and documents**

# Facilities Information Infrastructure

**“Framework” Layers serve as the  
“Geography Primitives” that other  
data sets are derived from**

- Space Plans
- Lease Areas
- Management zones
- Security Areas
- Emergency Action Plans
- Asset Inventories

# Geography Primitives

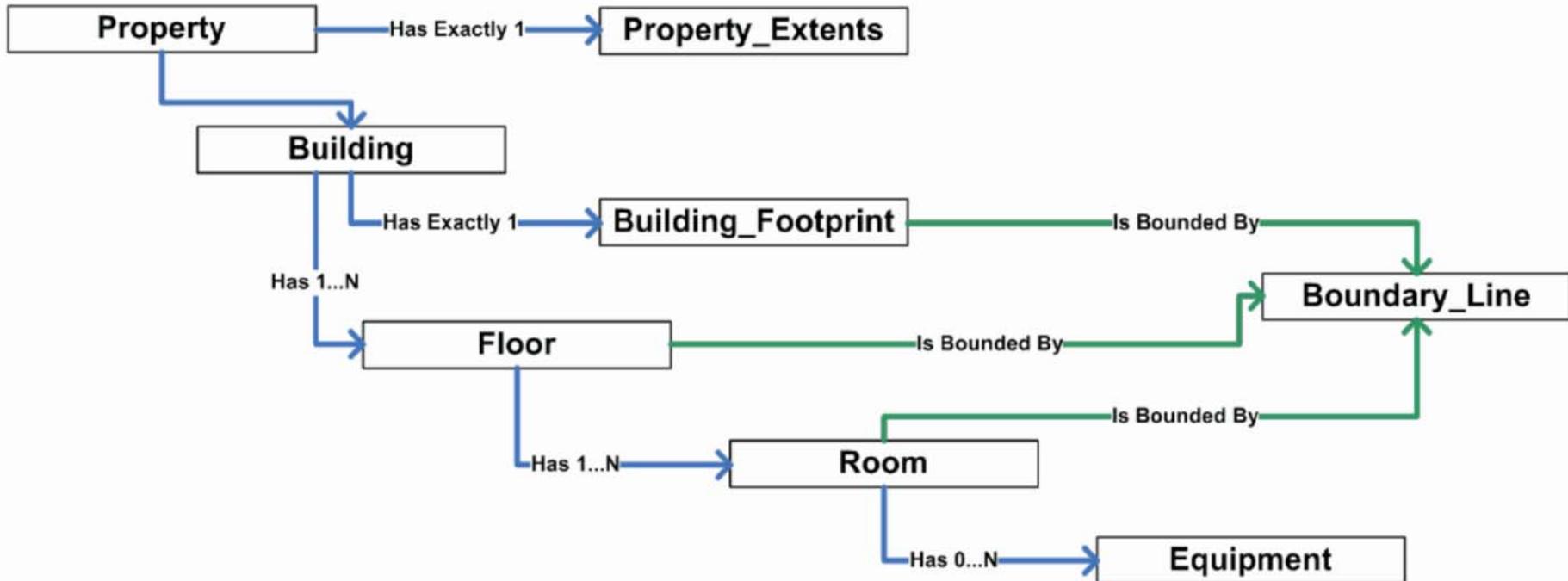
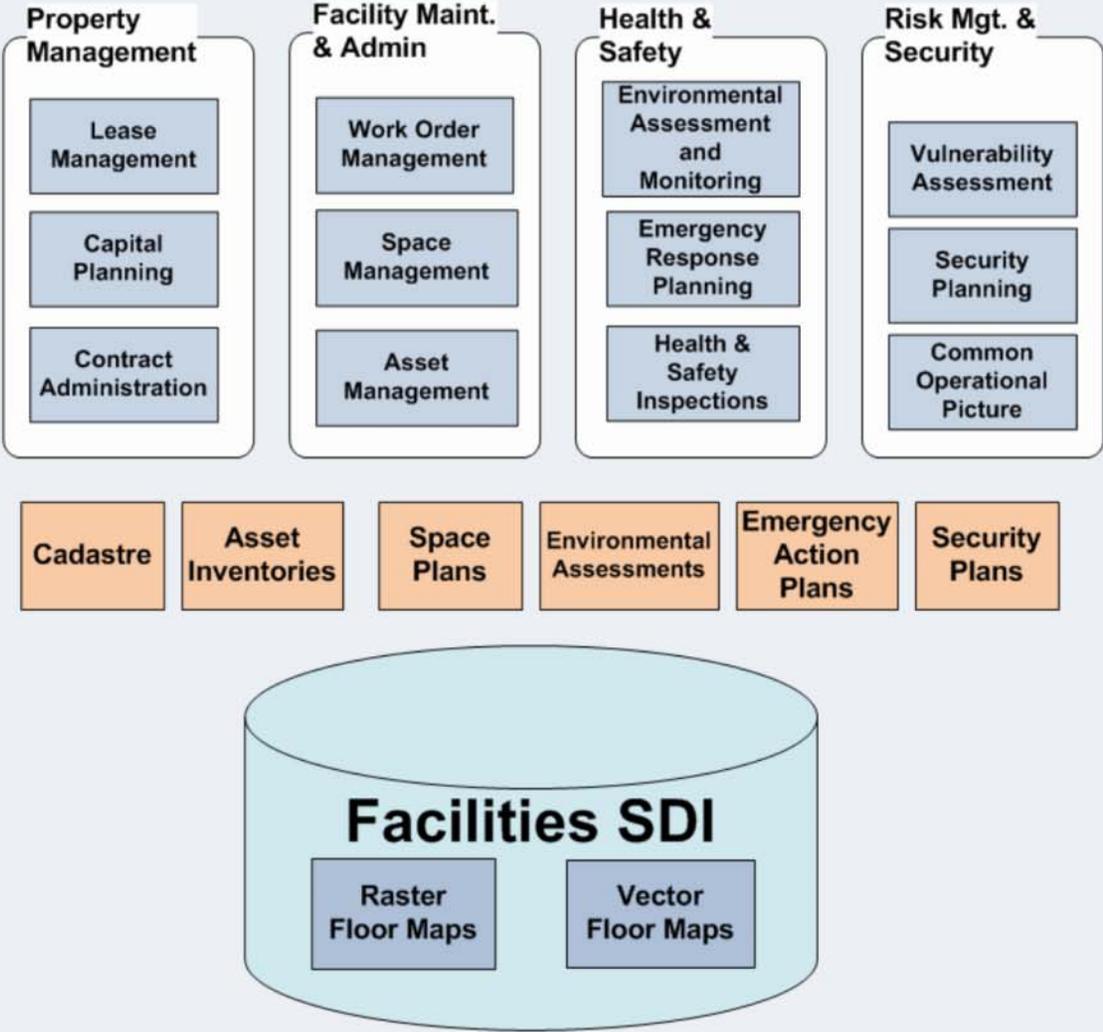


Figure 3. Data Model Hierarchical Structure Diagram



# Facility Information Infrastructure



# Implementing the Vision

## Bringing GIS/SDI to the Ground Floor



**Space  
Planning**

**Cadastre**

**Security**

**Public Safety**

**Environment**

**Building  
Management**





Emergency  
Operation  
Center

Environment

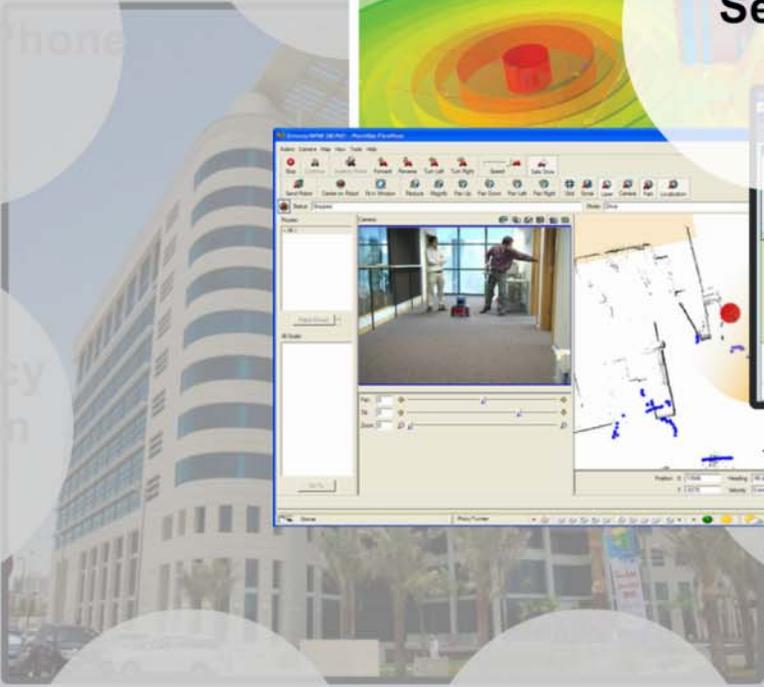
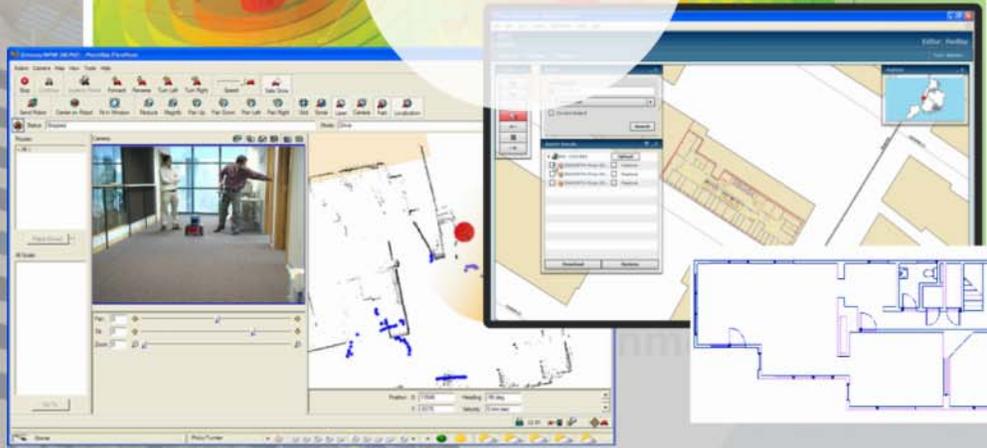


Public Safety

Building  
Management



Security



e911 Phone

Sp  
Plan

Emergency  
Operation  
Center

Public Safety

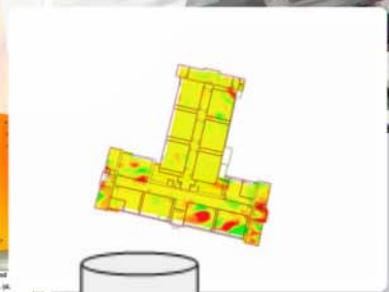
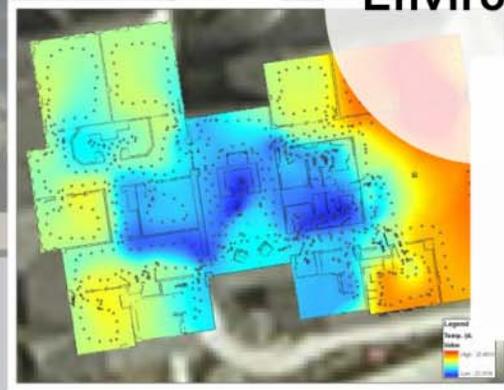
Building  
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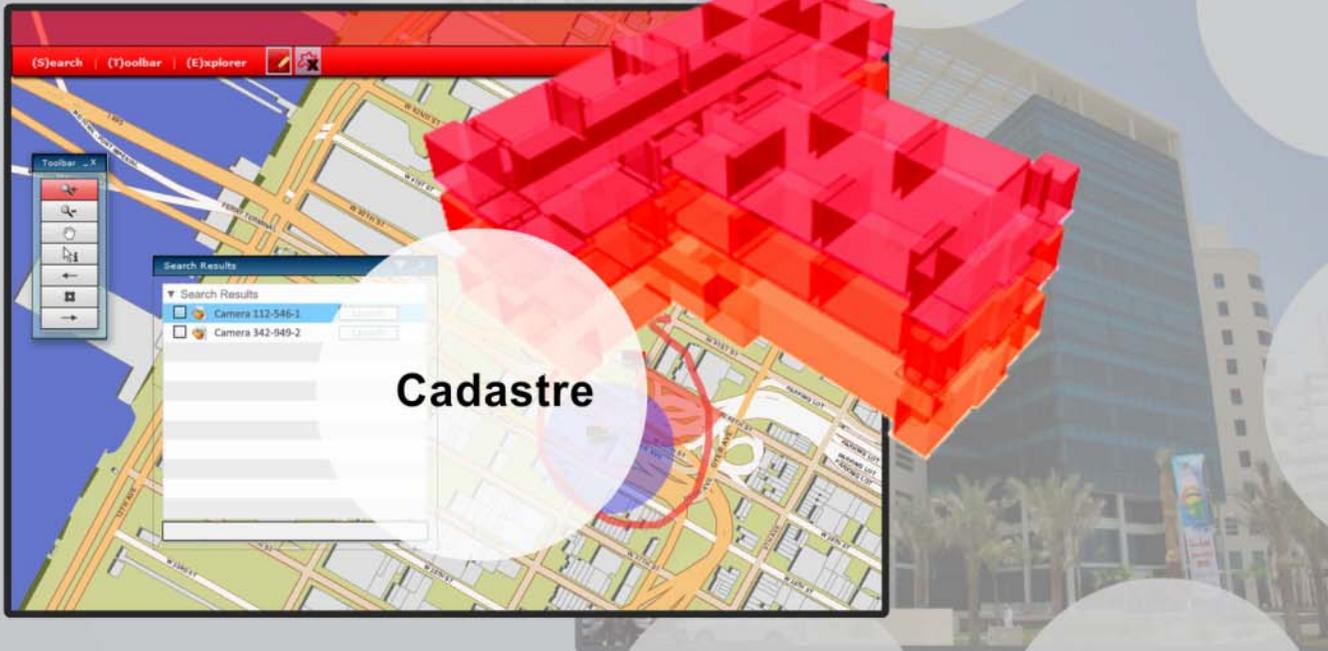


Public Safety



Space  
Planning

Security

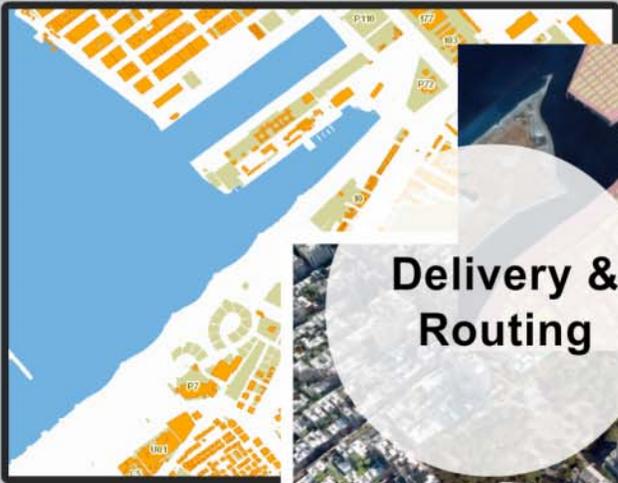


**Cadastre**

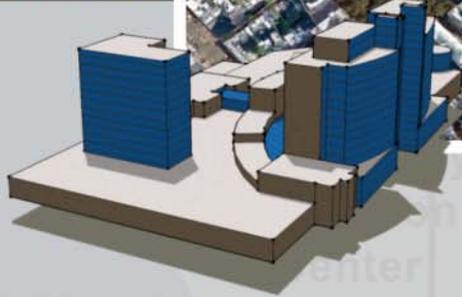
Environment

Public Safety

Building  
Management



**Delivery & Routing**



Space  
Planning

Security

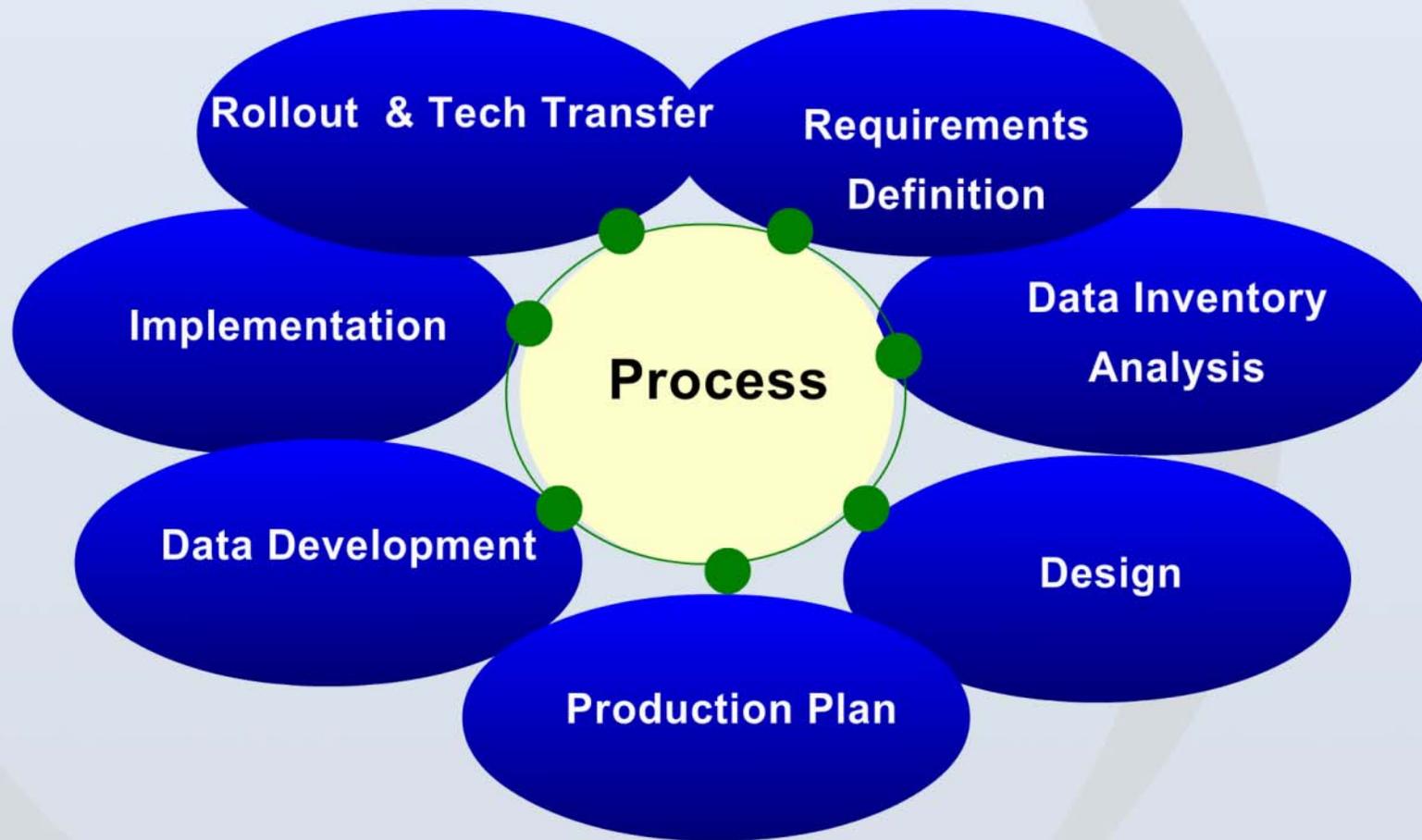
Environment

Public Safety

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# A Familiar Business Process



# Facilities Information Infrastructure

## Leverages your current GIS capabilities

- Hardware
- Software
- People
- Process

**Delivering Additional Value to the Enterprise**

# Questions?

[srich@penbaymedia.com](mailto:srich@penbaymedia.com)

[www.spatialexplorations.net](http://www.spatialexplorations.net)