# Law Enforcement and Security

**(5. In Fields of Endeavor)**

- Identification and authentication of objects in investigations

- Security checks and provenance verification

**Drawing 1: System Architecture**

Changes needed:

1. Update terminology:

- Change "Object Images" to "Media Asset Data Object Images"

- Update "Location Images" to reflect security context

2. Add security-specific elements:

- Law enforcement verification checkpoints

- Security clearance levels

- Authentication mechanisms

3. Enhance representation of:

- Provenance verification system

- Security clearance layers

- Investigation workflow

**Drawing 2: Human Expertise Integration**

Changes needed to current drawings

1. Add law enforcement specific elements:

- Investigator input points

- Security clearance levels

- Evidence verification points

2. Update knowledge graph to show:

- Security clearance pathways

- Investigation verification nodes

- Evidence chain of custody

**Drawing 3: Data Protection Architecture**

Changes needed to current drawings

1. Enhance security elements:

- Law enforcement grade encryption

- Evidence protection mechanisms

- Chain of custody tracking

2. Add:

- Security clearance levels

- Investigation workflow

- Evidence verification points

**Drawing 4: Implementation Process**

Changes needed to current drawings

1. Update to show:

- Investigation workflow

- Evidence collection process

- Security verification steps

2. Add:

- Chain of custody tracking

- Security clearance checkpoints

- Evidence verification points

**Drawing 5: Location-Aware Processing**

Changes needed to current drawings

1. Add security-specific elements:

- Secure location tracking

- Evidence location mapping

- Investigation site documentation

2. Update to show:

- Secure geospatial processing

- Location-based security checks

- Investigation area mapping

**Drawing 6: Expert Knowledge System**

Changes needed to current drawings

1. Add law enforcement elements:

- Investigator knowledge nodes

- Evidence verification pathways

- Security clearance levels

2. Update to show:

- Investigation expertise integration

- Evidence chain of custody

- Security verification points

**Drawing 7: Technical Implementation**

Changes needed:

1. Add security-specific elements:

- Law enforcement grade security

- Evidence protection mechanisms

- Chain of custody tracking

2. Update to show:

- Security clearance system

- Investigation workflow

- Evidence verification process

**Common Changes Across All Drawings:**

1. \*\*Security Elements\*\*

- Add law enforcement grade security layers

- Show evidence protection mechanisms

- Include chain of custody tracking

- Display security clearance levels

2. \*\*Investigation Elements\*\*

- Add evidence collection points

- Show investigation workflow

- Include verification checkpoints

- Display chain of custody

3. \*\*Terminology Updates\*\*

- Update "Media Asset Data Object" terminology

- Add law enforcement specific terms

- Include security clearance terminology

4. \*\*Human Element\*\*

- Add investigator roles

- Show security clearance levels

- Include evidence verification points

- Display chain of custody checkpoints

5. \*\*Technical Elements\*\*

- Add law enforcement grade security

- Show evidence protection

- Include investigation workflow

- Display security verification

