

## **ARTEFACT 5**

### **Capability Building and Management**

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#### **Capability Gaps Identified**

- Limited institutional familiarity with applied AI tools
- Over-reliance on manual image processing
- Lack of governed AI experimentation frameworks

#### **Solutions**

- Introduced interactive AI workflows (Human + machine)
  - Structured outputs enabling retraining and iterative improvement
  - Designed system to transition into packaged enterprise format
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#### **Outcome**

The institution gained a controlled AI capability layer that could evolve into batch processing, video enhancement and broader AI-assisted analytics workflows.