Pyxgen Capabilities Statement – Radiology

Company: Pyxgen
Engagement Model: Corp-to-Corp (C2C) Contract

Core Competencies

• Healthcare Data Integration – HL7, DICOM, X12, FHIR, and JSON for imaging workflows.
• API & Cloud Engineering – Secure APIs for imaging orders, results, and billing.
• Python-Based Pipelines – Pyxgen framework ensures reliable, adaptable data processing.
• Security & Compliance – HIPAA, PHI handling, and audit-ready architecture.

Pyxgen Framework: Clean-to-Decision Pipeline

• Input: Imaging orders, HL7 ORM messages, X12 billing transactions.
• Processing: Parsing, validation, transformation, and enrichment for EHR/PACS systems.
• Output: Structured imaging orders/results, insurance authorization data.
• Benefit: Accelerates imaging workflow and ensures compliance.

Differentiators

• Imaging Workflow Focus – Pre-built patterns for radiology orders and reporting.
• Fast-to-Adopt – Python framework reduces time-to-production for imaging integrations.
• Platform-Agnostic – Compatible with PACS, EHRs, and EDI/HL7 tools.
• Decision-Driven – Clean, actionable imaging data at the point of care.

Past Performance / Background

• Delivery of imaging integrations with provider and hospital systems.
• Experience managing radiology reporting and payer interactions.
• Proven track record of secure, timely imaging data delivery.

Engagement Model

• C2C Contract – Flexible engagement for radiology-specific deliverables.
• Scope includes imaging orders, results, and payer integration.

Next Step: Let’s discuss how Pyxgen’s Python-powered pipeline can streamline radiology workflows and accelerate data delivery.