Pyxgen Capabilities Statement – Cancer

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

Core Competencies

• Healthcare Data Integration – HL7, FHIR, X12, JSON for oncology workflows and clinical trials.
• API & Cloud Engineering – Secure APIs for treatment plans, lab, and imaging results.
• Python-Based Pipelines – Pyxgen framework ensures reliable data processing for complex care paths.
• Security & Compliance – HIPAA, PHI, and research compliance for oncology and trial data.

Pyxgen Framework: Clean-to-Decision Pipeline

• Input: Treatment plans, HL7 lab/imaging results, clinical trial data.
• Processing: Parsing, validation, enrichment, and secure transformation.
• Output: Consolidated data for patient care, compliance, and payer reporting.
• Benefit: Supports complex multi-system workflows with compliance baked in.

Differentiators

• Oncology Workflow Focus – Supports complex care plans and clinical trial data integration.
• Fast-to-Adopt – Python framework accelerates oncology system interoperability.
• Platform-Agnostic – Compatible with EHRs, lab systems, imaging systems, and EDI tools.
• Decision-Driven – Clean, actionable data at the point of clinical decision.

Past Performance / Background

• Integration of oncology workflows across labs, imaging, and clinical trial systems.
• Experience handling complex compliance and multi-system data exchange.
• Proven track record of reliable, decision-ready oncology data delivery.

Engagement Model

• C2C Contract – Flexible engagement for oncology-specific deliverables.
• Scope includes labs, imaging, clinical trials, and payer reporting.

Next Step: Let’s discuss how Pyxgen’s Python-powered pipeline can streamline oncology data integrations and enhance patient care.