

# Capability Statement

## TURNSTONE LTD

### Capability Statement

#### Medical Informatics | Health Data Engineering | OMOP Subject Matter Expertise

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#### COMPANY OVERVIEW

Turnstone LTD is a specialized healthcare IT and life sciences consultancy providing expert-level data engineering and informatics solutions. We bridge the gap between complex clinical data sources and standardized research environments. Led by a veteran OMOP Subject Matter Expert with deep experience in federal health projects (DHA/DaVINCI), we provide the technical architecture and tools necessary for high-fidelity clinical data harmonization and value set management.

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#### CORE COMPETENCIES

- **Standardized Health Data Architectures:** Expert implementation of the **OMOP Common Data Model (CDM)** and **HL7 FHIR** standards.
  - **Clinical Value Set Management:** Development of advanced, version-controlled medical code set builders that integrate **SNOMED-CT, LOINC, RxNorm, and ICD-10**.
  - **Health Data Engineering:** Designing robust ETL pipelines (Azure stack) for large-scale clinical data ingestion and harmonization.
  - **Federal Health Strategy:** Extensive experience supporting the **Defense Health Agency (DHA)** and the **DaVINCI** project with secure, compliant data environments.
  - **Terminology Services:** Automated integration of multi-terminology updates with proactive impact analysis for research cohorts.
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#### PAST PERFORMANCE

- **Defense Health Agency (DHA) - DaVINCI Project:** Served as the lead OMOP SME for several years, overseeing complex data mapping and engineering for federal healthcare initiatives.
- **Clinical Research Tool Development:** Designed and deployed the **Meridian Medical Value Set Builder**, a proprietary application for managing clinical ontologies with full provenance

and versioning (Requirement 10.6 compliant).

- **Private Sector Consultation:** Provided technical informatics strategy for major life sciences organizations including **Pfizer** and **IQVIA**.
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## DIFFERENTIATORS

- **Requirement 10.6 Ready:** Our proprietary **Meridian** platform specifically addresses the NIH requirement for automated integration, multi-terminology updates, and versioned code set tracking.
  - **"Problem-Solver" Methodology:** We prioritize low-bloat, high-efficiency architectures over pedantic, rigid frameworks, allowing for faster deployment in "mad scientist" development environments.
  - **Niche Domain Expertise:** Rare combination of deep **OMOP/UMLS** terminology knowledge paired with modern **Azure-native** development skills (React, Vite, Azure SQL).
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## CORPORATE DATA

- **Legal Name:** Turnstone LTD
- **Location:** Ardmore, PA
- **UEI:** SEK7LJF59QE5
- **CAGE Code:** 1ABW4
- **Clearance:** Previously held Federal Secret Clearance (Expired 09/2025; Re-instatable).
- **Primary NAICS:**
  - **541511:** Custom Computer Programming Services
  - **541512:** Computer Systems Design Services
  - **541611:** Administrative Management and General Management Consulting Services
  - **541690:** Other Scientific and Technical Consulting Services