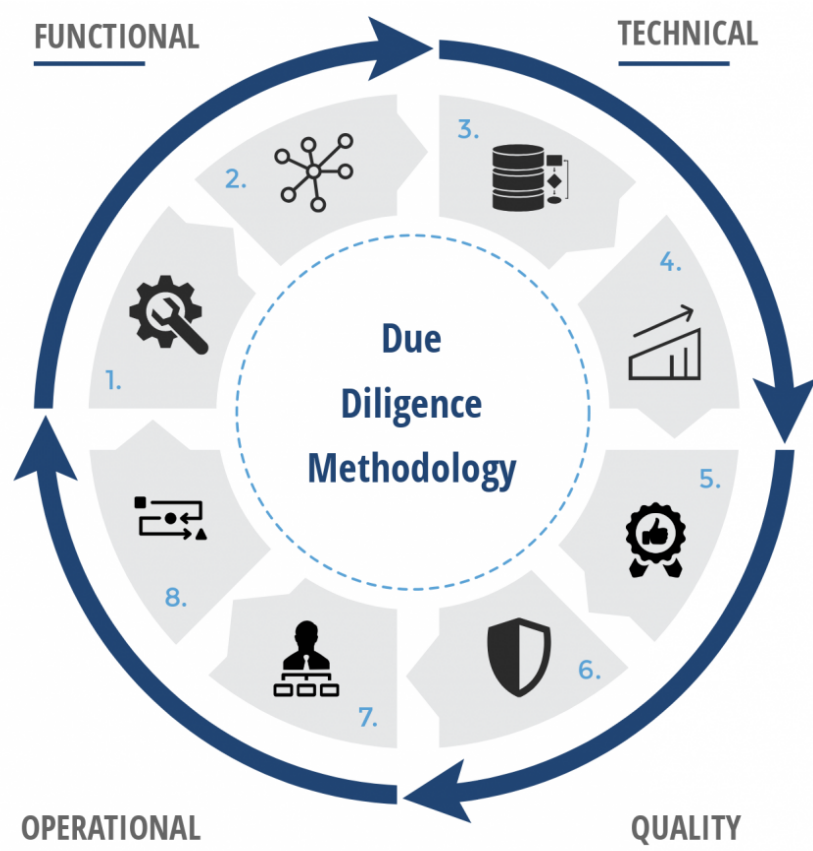# Due Diligence Case Study

Client Profile

A small, international company in the advanced surgical device space sought to accelerate development of a standards-based cloud platform that would enable them to better integrate with EMRs and Enterprise Imaging platforms, and expand their market presence across out-patient surgical centres, community hospitals, and large health systems.

Our Methodology

FUNCTIONAL   TECHNICAL

Due Diligence Methodology

OPERATIONAL   QUALITY

1. Functional Capabilities
- Workflows & usability
- Features & toolsets

3. Architecture & Technology Stack
- Programming Languages
- Application, DB & storage Platforms

5. Processes & Controls
- Internal QA processes
- External auditing & Regulatory

7. Organizational Structure
- Team structure & decision hierarchy
- Resource appropriateness

FUNCTIONAL   TECHNICAL   QUALITY   OPERATIONAL

2. Interoperability
- Industry standards
- Advanced Integrations & APIs

4. Scalability & Performance
- Ability to support growth
- Data & transaction throughput

6. Privacy & Security
- Access controls & auditing
- Data encryption & hardening

8. Methodology
- Product development processes
- Responsiveness & adaptability

Process & Outcome

Our Role

Perform comprehensive build, buy, or partner analysis of multiple potential acquisition and partnership opportunities, including:

- In-depth technological analysis, including development platform, system architecture, scalability and performance, and interoperability and extensibility of a pre-identified acquisition target to determine its ability to meet the client's roadmap and timeline requirements
- Complete operational analysis of the acquisition target, including development and quality assurance methodologies, resource appropriateness and structure, and security and regulatory controls and adherence
- Identification and analysis of additional viable partners to further enhance functional capabilities and accelerate a high-quality, scalable, and performant offering to market

The Result

Delivered a comprehensive analysis that enabled the client to make informed acquisition and partnership decisions while mitigating risk, including:

- Detailed assessment of current functional and technological capabilities as they pertain to the client's roadmap and objectives
- Prioritized functional gap analysis, identifying additional development efforts required to meet the client's requirements
- Time, resource, and cost estimates for enhancing the platform to meet additional roadmap and timeline needs
- Comprehensive risk assessment, including technological and operational factors that could adversely impact the successful development, launch, or adoption of the integrated platform