

# Turning Data Into Information



## Healthcare IT

### Process Analysis and Improvement

Clinical Workflow | Laboratory Workflow

Pharmacy Workflow | Revenue Cycle | Health Information Management (HIM)

### Data Analytics

Clinical Outcomes | Quality Metrics |

Research Data Visualizations

AI | Large Language Models | Machine Learning

BioASQ

### Data Submission and Reporting

CMS | NIH | QIM | CDC

### Interface Build and Analysis

HL7/FHIR | BDI | XML | JSON | COLD

Electronic Data Interchange (EDI) | X.11 | X.12

Scanning | Medical Imaging

Picture Archiving Communication Systems (PACS)

Protected Health Information (PHI) and Data Security

HIPAA Transaction and Code Sets

### Assessments

Business Process | IT System Architecture

Risk | Vulnerability

### System Management

Security | Architecture | Design | Engineering

### Full Stack, Agile Software Development

User Interface and Experience (UI/UX)

### Dashboard Builds | Business Data Analytics

Visualizations | EMR Integration | Solution Design

Database Design and Administration

API Build and Development

Enterprise Resource Planning (ERP) Solutions

### Assessments

Interoperability | Environment | Process | Procedure | Regulatory

Project Management | Workflow Building

& Optimization | Data Analytics | Reporting | Documentation

Creation | Vendor Coordination & Management | Training

### Go-Live Support

Pre | Post | Hand off

Legacy Application Support

## Information Security

## Software Development

## Consulting



Clinical Squared, Inc. is a seasoned team of solution developers, engineers, consultants and technology innovators with a proven track record providing tools and services that address our clients' diverse needs. We are a small, minority-owned business headquartered in Ft. Washington, MD.

**Technologies** - Our strength is creating modern and intuitive software solutions using open source technologies.

Our development team has created several software solutions, from data visualization tools (**Locus**) and comprehensive clinical dashboards (**CLIA Reporting and Productivity**), to our Secure Document Publisher (**SDP**) and AI-powered clinical trials lookup tools (**CTAI**). Our solutions are built to provide data collection, navigation, visualization, security, and collaboration using:

- **AI** - LLM - Machine Learning - Anomaly Detection - Predictive Analytics
- **Blockchain** - Distributed Ledger (DLT)
- **Open-Source Code Sets** - React - React Native - Angular - Python - NodeJS
- **Cloud Computing** - AWS - Azure – Snowflake – Oracle – Google Cloud
- **Databases** - NoSQL - GraphQL - MS-SQL - Postgres - MySQL, Cache/KBSQL

#### Our Customers:

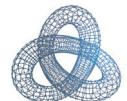


**Architecture Integration** - We retrofit our custom solutions to integrate with in-place systems. This minimizes the cost of replacing whole systems, reduces interruption of service and ensures that mission-critical systems benefit from the modern enhancements our software products offer.

**Innovation** - We create solutions utilizing technologies that add security, transparency, immutability, and automate business processes. We handle complex structured and unstructured data. This creates unique opportunities to modernize and extend the life of legacy systems and prepares our clients' tech environments for the future.

**Teaming & Customer Success** - We begin each engagement focused on assessing our client's current business processes and in-place solutions to ensure we understand the organization's strategy and objectives. We partner with our clients to create and execute a comprehensive plan to accomplish primary engagement goals and look for ways to optimize existing processes, create efficiencies and improve outcomes.

#### Our Partners:



Contact us:

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