

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

## Information Security

### Assessments

Business Process | IT System Architecture  
Risk | Vulnerability

### System Management

Security | Architecture | Design | Engineering

## Software Development

### 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

## Consulting

### 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



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 incorporated in Dover, DE with offices in Washington, DC, Concord, CA, Richmond, VA, Baltimore, MD and Springfield, OR.

**Technologies** - Our strength is creating modern and intuitive software solutions.

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

AI - LLM - Blockchain - React - React Native - Angular  
Python - NodeJS - AWS - Azure - Power BI  
NoSQL - GraphQL - IOT - Oracle - MS  
Postgres - MySQL, Cache/KBSQL

**Our Customers:**



**Architecture Integration** - We retrofit all our custom solutions to integrate with in-place systems. This minimizes 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 can create solutions utilizing technologies that add security, transparency, immutability, and automate business processes that handle complex structured or unstructured data. This creates unique opportunities to modernize and extend the life of legacy systems by applying new levels of security and functionality, and prepares our clients' tech environments for the future.

**Teaming & Customer Success** - We begin each engagement with a focus on assessing our client's current business processes and legacy solutions to ensure we have a thorough understanding of 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:**



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