

Information Networking Through State of the Art Technology Integration

Verticon, Inc. is an information technology research, product development, and consulting services company. Verticon specializes in RFID Inventory and Parts Tracking analysis, modeling and reporting solutions; the creation of multi-platform open source software applications; the design and implementation of inter-organizational document repositories and exchanges and the Machine to Machine (M2M/IOT) integration of sensors, actuators, controllers and computers.

Verticon strives to not only provide a solution to your information management requirements, but will craft a solution that is based on industry standard best practices, does not lock you into a proprietary platform and one that will leave the door open for future growth. Verticon is a verified veteran owned small business (VOSB) enthusiastic about teaming with partners on Federal and State projects.

NAICS Codes : 541511 Custom Computer Programing; 541512 Computer Systems Design; 541519: Other Computer Related Services; 561990: Inventory Computing and Taking Services

Business Intelligence Solutions

- Requirements Modeling¹
- Information Tooling
- Analysis & Reporting •
- Database Design² ٠

Multi-Platform Application Solutions

- Rich Client³
- Mobile Client⁴ ٠
- **Embedded Appliances** ٠
- Server Infrastructure
- Eclipse Modeling Framework (EMF) 1
- 2 SQL and Document Stores (NoSQL)
- 3 **Eclipse Rich Client Platform**
- HTML5 Web Applications 4

Technology Expertise

- Java, JavaScript, HTML5, XML, EMF, Geo Location (KML), CSS, UML
- RDBMS, Elastic, MongoDB, MQTT, Kafka
- OSGi, Eclipse RCP, Avro
- Kibana, BIRT, Business Objects, SQL, OCL
- Sensors, RFID, Bluetooth, WiFi, TCP Sockets

Device and Network Integration

- Sensor and control networks
- Wireless and RFID
- Message Brokers⁵ •
- **Content Event Processing**

Previous Project Use Cases

- Laboratory Item Movement Tracking
- Parts Tracking Information Management ٠
- Laboratory Instrument Control
- Food Service Product Labeling
- Agriculture Information Management⁶
- 5 MOTT, Kafka and other Enterprise Buses
- 6 See the Verticon Tracker Product line

Contact Details

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Verticon Professional Services and Systems Integration Solutions

- Requirements Studies, Specifications Modeling and Project Management
 - Deliverables: Eclipse Rich Client Application and Dynamic Project Management Toolkit
 - Example: Identity Manager Specification Modeler Model

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- Event Integration and Management Solutions (Using OpenSource and Industry Standards)
 - Asset, Parts, Resources & Inventory Management
 - Example: Entity Enrollment and Movement Dashboard

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