



- User Configurability
- Scalable Support for Big Data
- Seamless Integration
- Fractal Multi-Tenancy
- Rule-based Workflows, Notifications & Reports
- Complex Event Processing



## FIND THE INFORMATION THAT MATTERS

ViZix is a scalable, secure, high-capacity platform for Internet of Things (IoT) business solutions that can be used in a variety of industries. Featuring highly configurable application frameworks, elegant user interfaces and advanced analytics, ViZix enables end-to-end business intelligence and data visibility across the entire enterprise.

Highly flexible and configurable, ViZix allows users to customize business rules and user interfaces without additional code development. ViZix transforms sensor data into interactive maps, images and reports valued by business users, providing a rich user experience.



- USER CONFIGURABILITY**  
Users are enabled to optimize ViZix-based solutions, by exploiting learnings, realizing new benefits and scale easily – without the cost and time associated with software development cycles.
- SCALABLE SUPPORT FOR BIG DATA**  
ViZix scales easily with the number and size of data streams, enabling the system to start small and grow with the business.
- DESIGNED FOR SEAMLESS INTEGRATION**  
ViZix supports stable, standards-based interfaces that are web-friendly, simplify development and lead to maintainable, higher-performing solutions. Such a RESTful application programming interface (API) and MQTT communication mechanism.
- FRACTAL MULTI-TENANCY™**  
ViZix supports Fractal Multi-tenancy, which enables support of divided, hierarchical organizations by independent element or aggregated at any level. Configurable options can be inherited or specialized by site.
- SECURITY**  
ViZix addresses security on three levels: Internet Transport Layer Security (TLS) with strong encryption for secure access by applications and devices using the RESTful API, Vulnerability and penetration testing based on OWASP and MQTT transport layer security between sensors and the platform
- RULE-BASED WORKFLOWS, NOTIFICATIONS AND REPORTS**  
Based on incoming data streams and CEP outputs, the rules engine can be configured to trigger a variety of responses including actuating devices and notifications.
- COMPLEX EVENT PROCESSING**  
ViZix uses a JavaScript based highly configurable complex event processing (CEP) solution. CEP is the drawing of inferences from sensor data streams by performing windowed time series analysis, pattern matching, comparison of streams and other methods to infer business relevance.

**USE CASES**



**ASSET & RTI  
MANAGEMENT**



**PEOPLE SAFETY**



**RETAIL STORES**



**MANUFACTURING**



**WAREHOUSING**



**INVENTORY  
MANAGEMENT**

