VANTIQ

High-Productivity Application Development Platform for Event-Driven, Real-Time Collaborative Systems

NEXT GENERATION DIGITAL BUSINESS APPLICATIONS REQUIRE EFFECTIVE HUMAN-COMPUTER COLLABORATION

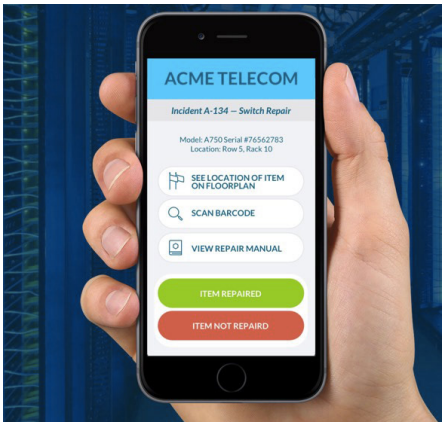
VANTIQ APPLICATIONS ARE Event-Driven

A new generation of digital applications sit at the intersection of streams of data about business 'events' being generated by mobile devices, IoT sensors, enterprise systems, and people.

According to Gartner*, by 2020: "50% of new user-facing applications will be event-triggered applications."

*Event Driven Programming Models Will Disrupt End-User Applications --- Van L. Baker, May 24th, 2017

The VANTIQ platform supports the rapid development of powerful event-driven applications, shielding developers from the inherent complexity of such designs. The result is dramatically reduced time-to-market, significantly lower development and maintenance costs, and maximum agility in response to dynamic market requirements.



VANTIQ APPLICATIONS ENABLE Real-Time Human-to-Computer Collaboration

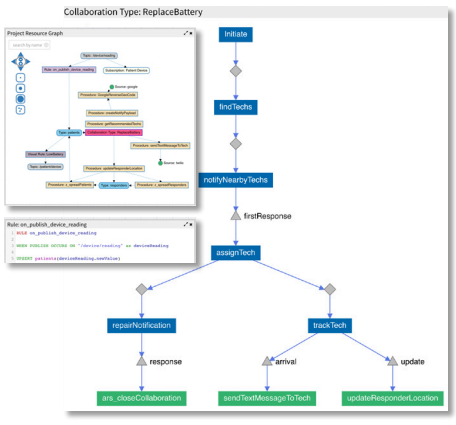
In most complex business systems the intuition and experience of humans is required to achieve valuable outcomes. VANTIQ dramatically simplifies the creation of applications that enable collaborative interactions in real-time between people and computers.

Collaboration in event-driven applications built with VANTIQ is contextual, temporal and relevant. Such applications deliver the right information to the right person at the right time. They provide recommendations to guide people toward desired outcomes. The collaboration between humans and computers is dynamic and reflects constantly changing situations based on real-time event data flows.

VANTIQ DEVELOPMENT PLATFORM IS Highly-Productive

VANTIQ is designed from the ground-up as a full-lifecycle, high-productivity application platform that uses logical abstractions of common business and technical concepts and visual development methods to reduce development complexity by at least an order of magnitude vs. legacy development approaches.

The result is applications that can span the cloud, on-prem, edge nodes, and mobile devices, yet are quick to develop, easy to deploy, and highly manageable. And maximum agility is assured with a system that can be updated on the fly with zero down-time.



VANTIQ SAMPLE USE-CASES

Collaborative, event-driven applications could include:

FIELD SERVICE

Assigning the appropriate service technician to a job based on equipment, expertise and location and **collaborating** to implement the correct fix.

TRANSPORTATION

Real-time **location tracking** and optimal scheduling of people and equipment involved with commercial transportation systems.

RETAIL

Dynamically and contextually monitoring streams of **in-store data** to allow sales associates to optimize the shopping experience for retail customers.

SUPPLY CHAIN

Adding context to data from **IoT sensors** in a supply chain to provide managers with real-time recommendations to best meet the needs of particular accounts.

MANUFACTURING

Robots and humans collaborate to create **customized products** in short production runs based on the experience of operators with computer guidance.

AGRICULTURE

Food producers continuously audit data feeds from **drones** and sensors to adjust applications of water and fertilizer, and optimize approaches to harvesting.

HEALTH CARE

Monitoring patient vital signs – in real-time collaboration with doctors, nurses, and multiple machines – to provide the most effective and timely care.

INFRASTUCTURE

Status of machines in water treatment plants is evaluated in real-time providing **intelligent direction** to personnel during regular maintenance procedures.

FINANCE

Human **surveillance** of financial data streams for financial and operational risk management and straight through processing of loans and insurance policies.

With VANTIQ, you can create applications as innovative and powerful as these, more quickly and easily than you thought possible.

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