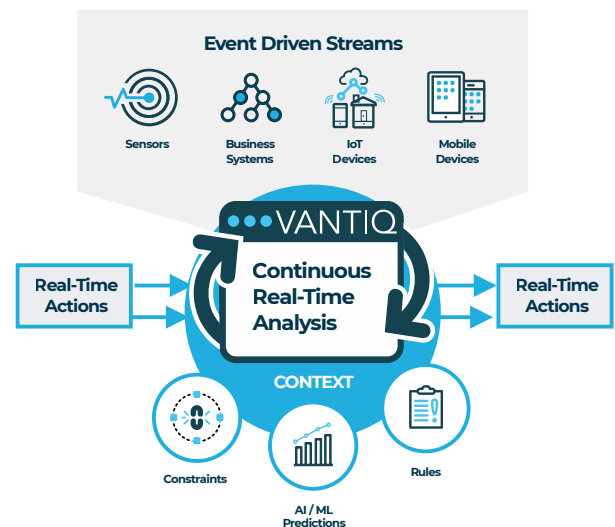


# World's Only Agile, Event-Driven Application Development Platform

VANTIQ® allows modern enterprises to operate in real time and transform their business by using event-driven architecture (EDA). The VANTIQ application platform-as-a-service (aPaas) allows rapid, iterative creation of event-driven applications.

Fundamentally, event-driven applications function as follows:

- Events stream in from sensors (including cameras), Internet of Things (IoT) devices, business systems such as enterprise resource planning (ERP) or customer relationship management (CRM) systems, or mobile devices.
- As data flows in real time, the event-driven application continuously looks for situations of interest.
- The application connects to other systems, including legacy databases and machine learning algorithms, to add additional context.
- As a result, specific actions are taken in real time by people and/or machines – as directed by the application.
- The actions themselves are also events, which need to be processed, so the process continues.



***VANTIQ powers the next generation of application development across all stages of the project lifecycle***

### DESIGN

Simply convert high-level operational processes into the framework for a real digital application.

### DEVELOP

Low code tools enable you to quickly build applications to achieve business benefits from any sources of data.

### DEPLOY

VANTIQ can be distributed in any environment from the edge to the cloud and scale up to any size application.

### MAINTAIN

VANTIQ applications can be easily evolved as the business requirements and technologies inevitably change.

# The VANTIQ platform powers real-time business

The VANTIQ platform consists of two modules: the VANTIQ Modelo™ aPaaS and the VANTIQ Pronto™ advanced event broker. Both modules sit on top of shared platform services. Attributes of the platform include:

**EVENT-DRIVEN ARCHITECTURE** – To ensure an unlimited number of events can be acted upon in real time, you need an asynchronous and non-blocking platform. That's why the entire VANTIQ platform is implemented on a reactive framework.

**SYSTEM MODELER** – VANTIQ includes a component for collaborating on application requirements, defining and documenting business events, and auto-generating application structures.

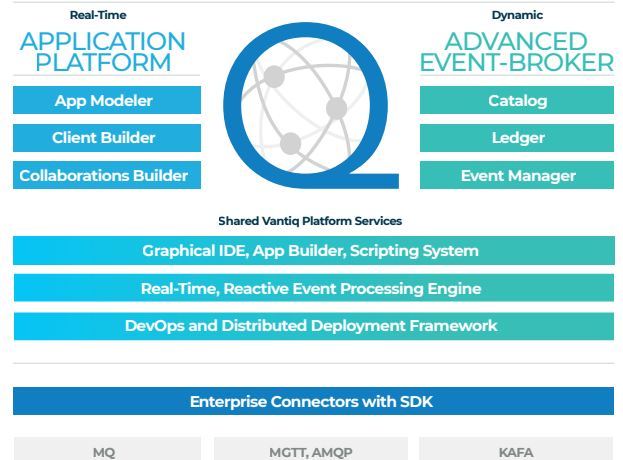
**GRAPHICAL (LOW-CODE) INTEGRATED DEVELOPMENT ENVIRONMENT (IDE)** – The VANTIQ IDE supports the visual declaration of components and high-level scripting for more complex elements of event-driven applications not suited to visual development.

**ENTERPRISE CONNECTORS** – VANTIQ provides adapters for a number of commonly used enterprise systems, public data sources, and social data sources including representational state transfer (REST) and advanced message queuing protocol (AMQP); email, short message service (SMS), and messaging systems; enterprise application integration (EAI) packages; OPC Unified Architecture (OPC UA), and Tensorflow for image recognition. The Enterprise Connector SDK allows the rapid development of further integrations as required.

**EVENT CATALOG** – VANTIQ simplifies searching, finding, and re-using events from a central event catalog. This enables the sharing of event streams and the rapid development of an integrated system of real-time applications.

**DISTRIBUTED DEPLOYMENT FRAMEWORK** – VANTIQ allows rapid deployment to an arbitrary topology of an unlimited number of nodes across a distributed environment. These nodes could be realized as multiple public or private clouds and also as nodes running on edge devices.

## The Complete Platform for Event-Driven Systems



### THE REAL-TIME APPLICATION PLATFORM

Modelo is a next generation, high-productivity, “reactive-based” platform that allows developers to quickly and flexibly build end-to-end next-generation, event-driven applications.

### THE DYNAMIC ADVANCED EVENT-BROKER

Pronto is a dynamic real-time event management platform that combines advanced event-broker capabilities with distributed infrastructure and high-productivity tools to simplify large-scale event management.



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