INTERNET OF THINGS WITH CUMULOCITY AND THE DIGITAL BUSINESS PLATFORM

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DIGITAL TRANSFORMATION #WITHOUTCOMPROMISE
TWO BECOME ONE

SOFTWARE AG ACQUIRES CUMULOCITY
CUMULOCITY IOT - A NEW IOT PLATFORM COMBINING THE POWER OF CUMULOCITY WITH THE DIGITAL BUSINESS PLATFORM

Solution Accelerators
Cloud Integration
Data Visualization
Real-time Analytics
Device Management

network-agnostic connectivity

DIGITAL BUSINESS PLATFORM

BUSINESS & IT TRANSFORMATION
- Business strategy & planning
- Customer journey mapping
- Design & analysis
- Risk & Compliance management
- Portfolio management
- Enterprise architecture

ANALYTICS & DECISIONS
- Machine learning
- Predictive analytics
- Alert & anomaly
- Event processing
- Event triggered & correlation

PROCESS
- Dynamic orchestration
- Process automation
- Case management
- Process metrics
- Process monitoring

INTEGRATION
- Application Integration
- ESB Integration
- Master data management
- Cloud integration
- Managed file transfer

IN MEMORY DATA
- In-Memory data management
- In-Memory computing

Cumulocity
IoT

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CUMULOCITY IOT KEY CAPABILITIES

Solution Accelerators
Workflow Automation
Enterprise & Cloud Integration
Real-time Analytics & Visualization
Device Connectivity & Management

Deployment options:
- Cloud
- On-Premises
- Edge

all devices, all networks, all verticals, all use cases
DIFFERENT DELIVERY MODELS
FOR DIFFERENT CUSTOMER NEEDS

IoT Framework
- **Scale Out (Enterprise Level)**
  - Cross divisional end-to-end company processes
  - Coding, professional developers
  - Existing and new IoT applications fully interwoven

IoT SaaS
- **Fast Entry**
  - Self-service, out-of-the-box
  - Pre-defined solution accelerators

IoT PaaS
- **Fan Out (Departmental)**
  - High productivity, fast go-to-market
  - Smart rules
  - Focus on business users

Growing Maturity Level over Time
RELEASE HIGHLIGHTS

For Cumulocity IoT
HOLISTIC APPROACH TO IOT INTEGRATION
EVOLUTION OF OUR INTEGRATION CORE

Open IoT Integration

SaaS/Cloud Services

Subsidiaries

Business Partners

Business Process Networks

On-Premises Applications and Data Sources

EDW

Mart

MDM

“Things”

Mobile Apps

Social Networks

Mobile Apps

Social Networks

Business Process Networks

Subsidiaries

Business Partners

SaaS/Cloud Services
Combining Device Data with Data from Enterprise Applications & Cloud Services

- Bi-directional integration between Cumulocity and webMethods Integration Cloud
  - Get Notifications from Cumulocity
  - Control sensors and devices from Integration Cloud

- Integration Cloud provides out-of-the-box connectivity to Cumulocity
  - Cumulocity connector
  - Pre-built recipes for Cumulocity integration
BOOSTING IOT ANALYTICS WITH APAMA & ZEMENTIS

Sensors & Actuators

Measurements, Events, Alarms

Operations

Real-time Streaming Analytics & Predictive Analytics

- Geo-fence
- Thresholds
- Calculations
- Time windows
- Missing data
- Trends
- Aggregation
- Pattern matching

- Condition monitoring
- Predictive maintenance
- Real-time Scoring
- Automation
- Forecasting
- Outlier detection
- Edge analytics
“Software AG’s Apama continues to be a broadly applicable and perennially capable streaming analytics platform.”

“With its recent acquisition of Cumulocity, Apama deeply extends its reach deeper into industrial IoT use cases by providing device management, digital twin, and other connectivity-oriented services.”

“There is no stopping Apama to become the real-time engine for digital transformation that extends all the way from the factory floor to direct customer interactions.”


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LEVERAGE METHODOLOGY & PRE-DEFINED CONTENT IN IOT-ENABLED DESIGN TOOLS

IOT SCENARIO PLANNING

• Represent devices & things in IoT-enabled design tools (Digital Twin)
• Plan IoT projects
• Model & Design IoT objects
• Link IoT objects with business process
CUMULOCITY IOT SOLUTION ACCELERATORS
SIMPLIFIES, SPEEDS AND SECURES TIME TO VALUE

Pre-packaged features, plugins and configurations

Includes enhanced features to simplify and secure:
- Connection to devices
- Automate the visualization creation
- Commission new end customers

Three available today, more on the horizon:
- Industrial IoT for machines
- Industrial Telematics for vehicles
- Tracking for assets
Connect your things and innovate your business

Cumulocity is the leading independent Device and Application Management Internet of Things (IoT) Platform since 2010. Our Internet of Things Platform connects and manages your machines effortlessly, so you can focus on your business’s value adding activities.

Connect
Connect your things over any network in minutes with a plug and play approach.

Manage
Condition monitoring, real-time analytics and fully configurable dashboards.

Extend
Extend your service with easy workflow integration to your business applications.

Our IoT Platform is open, application centric and free-to-try which allows you to prove your end-to-end business concept quickly with a handful of things and rapidly scale your deployment to over 26 global data centres as you connect millions with telco grade reliability.

TRY CUMULOCITY FREE

Learn more about our features →

Of contact us to arrange a demo