



## CLOUD OF THINGS FEATURE OVERVIEW

Cloud of Things  
SMART

Cloud of Things  
ENTERPRISE

Cloud of Things  
PRIVATE



### FEATURES

FEATURES	Cloud of Things SMART	Cloud of Things ENTERPRISE	Cloud of Things PRIVATE
<b>ADMINISTRATION</b>			
Advanced user and role management	✓	✓	✓
Unlimited users	✓	✓	✓
Overview of consumption information	✓	✓	✓
Own application management	✓	✓	✓
Audit logs	✓	✓	✓
Settings	✓	✓	✓
<b>DATA VISUALIZATION AND PROCESSING</b>			
Real-time data visualization using custom dashboards	✓	✓	✓
Standard widgets	✓	✓	✓
Special Telekom widgets	✓	✓	✓
Groups for assets and/or devices	✓	✓	✓
View, filter and edit alarms	✓	✓	✓
Events	✓	✓	✓
Smart Rules	✓	✓	✓
Analytics Builder <i>available Q2/20</i>	✓	✓	✓
Reports	✓	✓	✓
Data explorer	✓	✓	✓
<b>DEVICE MANAGEMENT</b>			
Single or bulk registration, replace and delete devices	✓	✓	✓
Inventory management and monitoring	✓	✓	✓
Management of software and firmware over the air	✓	✓	✓
Send to and receive interaction from device per single or bulk command	✓	✓	✓
Simulators (virtual devices)	✓	✓	✓

✓ included as standard

+ add-on option

✗ not available



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COMMUNICATION PROTOCOLS OUT-OF-THE-BOX			
REST API (JSON)	✓	✓	✓
Cloud Fieldbus supporting Modbus/RTU, Modbus/TCP, CAN RAW, CANopen, OPC UA, Profibus DP	✓	✓	✓
LoRa (integration for existing hardware) <i>available Q3/20</i>	+	+	+
Sigfox (integration for existing hardware) <i>available Q3/20</i>	+	+	+
MQTT	✓	✓	✗
LWM2M <i>available Q3/20</i>	+	+	✗
PROFESSIONAL ADD-ONS			
Branding Manager	✗	✓	✗
Custom URL	✗	✓	✗
Subtenancy	✗	✓	✗
Data Broker	+	✓	✓
Mobile Network and WLAN Localization	+	+	✗
Remote Control	+	✓	✗
Microservices Runtime <i>available Q2/20</i>	+	+	✗
Anomaly Detection	+	+	✗
Advanced Rules <i>available Q2/20</i>	+	+	✓ <sup>1</sup>
Predictive Analytics Runtime <i>available Q2/20</i>	+	+	✗
Local Cloud Extension available soon	+	+	✗

### WHAT IS PSA?

The **Privacy & Security Assessment**-process (**PSA**-process) is an integrated information security and data privacy process as part of the product and system development process owned by Deutsche Telekom. After successful completion, the safety and data protection approval is given. The PSA process has been introduced throughout the entire group and therefore also at T-Systems.

✓  
Highest data  
security standards  
through Telekom  
own PSA process

✓ included as standard

+ add-on option

✗ not available



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### SERVICES

Help & Service Website	✓	✓	✓
Hosted in Germany	✓	✓	✗ <sup>2</sup>
Service hotline support	✓	✓	✓
Developer tools including SDKs and agents see Github <a href="https://github.com/cloud-of-things">https://github.com/cloud-of-things</a>	✓	✓	✓

### PRE-INTEGRATED ADDITIONAL SERVICE OPTIONS COMPLEMENTING CLOUD OF THINGS

SMS Services Integration	+ <sup>3</sup>	+ <sup>3</sup>	+ <sup>3</sup>
Cloud to Cloud Integration powered by Webmethods <i>available Q2/20</i>	+	+	+
Cloud to Cloud Integration powered by Flowground	+	+	+
Consulting and Integration Services	+	+	+
Connectivity	+	+	+
Comprehensive catalog of certified hardware <a href="http://iot.telekom.com/iot-en/products/iot-hardware">iot.telekom.com/iot-en/products/iot-hardware</a>	+	+	+

<sup>1</sup> Limited by hardware of local computer

<sup>2</sup> Depends on location of customer hardware

<sup>3</sup> Order from preferred external partner

✓ included as standard      + add-on option      ✗ not available

Cloud of Things can also be installed in each variant in a customer's data center on demand.  
Interested? Please contact us!

#### MORE INFORMATION NEEDED?

Please contact

[cloudofthings@telekom.de](mailto:cloudofthings@telekom.de)  
[iot.telekom.com/iot-de/platforms/cloud-of-things](http://iot.telekom.com/iot-de/platforms/cloud-of-things)

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