



LIFE IS FOR SHARING.



CLOUD OF THINGS BY TELEKOM

MANAGE, CONTROL, ANALYZE AND SCALE – THE RIGHT SOLUTION FOR EACH APPLICATION

With our Cloud of Things IoT platform, we enable you to remotely manage and control your networked devices and machines. In addition, you can use comprehensive analysis tools to identify insights and to initiate actions. The Cloud of Things is available in three different, scalable versions that can be adapted to your individual requirements.

CLOUD OF THINGS SMART

Cloud based high performance IoT application platform that collects and processes data from connected devices, generates insights, and triggers actions

Target groups

- small and medium sized B2B users to manage their devices in the cloud
- integrators and solution providers who want to provide IoT solutions

Details

- out-of-the box functionality, no coding required
- fully managed Software-as-a-Service (SaaS)
- easy device registration and monitoring
- multi-level asset management / grouping of devices
- advanced user management
- secure updating of connected devices e.g., firmware over-the-air updates
- clear graphical representation of measurements coming from a device

- individual user defined dashboards
- 4 levels of alarms
- trigger actions on devices
- easy to create Smart Rules
- capability to define own client-side applications
- cloud of Things easy-to-use self-service portal
- fully extensible through REST API
- comprehensive catalog of certified devices
- NEW 2020: Hosted in Germany on Microsoft Azure

Technical Data

- single tenant
- cloud of Things S / M / L with 10, 150 or 700 MB storage per device included
- unlimited number of users per tenant
- REST / JSON API
- several protocols such as Modbus / RTU, Modbus / TCP, CAN RAW, CANopen, OPC UA, Profibus DP, MQTT, LoRa, LWM2M, Sigfox
- 99,95 % availability

CLOUD OF THINGS ENTERPRISE

Multitenant cloud based high performance IoT application platform that collects and processes data from connected devices, generates insights, and triggers actions

Target groups

- enterprises who want to manage their comprehensive IoT infrastructure with e. g., regional or organizational sub-structures
- resellers and integrators who want to extend their product and service portfolio with own add-ons and own branding and billing

Details

Like Cloud of Things Smart, plus:

- easy subtenant creation, configuration and suspension
- individual definition of data retention rules for subtenants
- assignment of applications to subtenants
- individual URL
- branding Manager graphical user interface to easily configure own branding
- secure data exchange between tenants
- detailed reports showing the usage data (e. g., for billing purposes)

Technische Daten

- unlimited number of users per subtenant
- one level of subtenants (more levels are possible but require additional Enterprise subscriptions)

CLOUD OF THINGS PRIVATE

Self-managed on-premise high performance IoT application platform hosted on your local server that enables you to orchestrate your IoT devices

Target groups

- users who process very large quantities of data on premise
- users who do not want to use a Public Cloud
- operators of campus networks where data needs to be processed with low latency
- users with enterprise security policies that do not permit the use of Public Cloud solutions

Details

Similar functionality to Cloud of Things Smart

- however, runs entirely on-premises, in the customer's own infrastructure
- does not need to be connected to the Internet
- requires only a single server machine on-premise rather than a rack of machines in a cloud data center
- pre-installed configurations on HPE industrial servers are available upon request

Technical Data

- 1 server with 2 cores
- either software only or pre-installed configurations on HPE industrial servers
- typical configuration: 1 server with 2 cores can serve up to X,000 on-premise devices (depending on usage pattern)

**DO YOU HAVE ANY QUESTIONS?
FEEL FREE TO CONTACT US.**

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