

Capgemini 

X-IoT

An agnostic and secure
device management
platform



X-IoT

Connecting the physical to the IT worlds to improve products and assets performance and usage

Beyond automation, at a time when connectivity, data and collaboration will make the difference, X-IoT offers to stakeholders a fully configurable and agnostic solution to securely manage and connect products and assets:

- Smart city, buildings,
- Track and trace (containers, logistics...),
- Action grid,
- Connected products (medical devices, autonomous cars...),
- Asset tracking and monitoring,
- Smart inventory
- Preventive and predictive maintenance & quality
- Robotics for product testing.

X-IoT is the only platform:

- 100% focused on device management,
- Devices, protocols and Cloud platforms agnostic
- Fully configurable and highly secured
- Edge & Cloud mirroring architecture
- Multi-tenant
- Edge Analytics management





Action

Assignment

Analysis

Data Aggregation

Acquisition
X-IoT

CLOUD

EDGE

X-IoT Cloud

■ Device Management

- > Provisioning
- > Firmware update
- > Software update
- > Life cycle management
- > Fleet management
- > Health monitoring

■ Administration Tools

- > User rights
- > Standard dashboards
- > X-IoT Studio

■ Security

- > PKI, Crypto, Signed

X-IoT Edge

■ Connectivity Management

- > Connectors store

■ Security Management

- > PKI, Crypto, Signed

■ Edge Management

- > Data Processing
- > Configurable data retention



Devices



X-IoT

Agnostic Edge to Cloud Platform



Cloud

- Amazon Web Services
- Microsoft Azure
- Google Cloud Platform
- Private cloud



Device protocol

- Industry:
OPC, OPC UA, Profibus, Modbus...
- Operators LPWAN:
Sigfox, LoRa...
- Wireless protocols:
ZigBee, EnOcean, Libelium,
Bluetooth, iBeacon, AllJoyn,
DLNA, UPnP...
- Smart Energy: DLMS...
- 3GPP: 3G, 4G, NB-IoT

X-IoT

A Capgemini platform ready to configure and connect your products and assets:



- Devices, Protocols and Cloud Agnostic



- Edge & Cloud mirroring architecture to ease deployment and enable scalability



- Highly secure: Intel security, ANSSI accreditation



- Pay per use: From sensors to industrial assets



- No third party software licensing



- Devices security partners

X-IoT, a unique platform that free your physical data and connect all your devices

A global leader in consulting, technology services and digital transformation, Capgemini is at the forefront of innovation to address the entire breadth of clients' opportunities in the evolving world of cloud, digital and platforms. Building on its strong 50-year heritage and deep industry-specific expertise, Capgemini enables organizations to realize their business ambitions through an array of services from strategy to operations. Capgemini is driven by the conviction that the business value of technology comes from and through people. It is a multicultural company of 200,000 team members in over 40 countries. The Group reported 2017 global revenues of EUR 12.8 billion.

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People matter, results count.

