IoT cloud

IoT application
Software that coordinates the interaction of people, systems and things/devices
in the context of a given propose.

Analytics and data management
Software components to store, process and
analyze a vast amount of
time series-based machine data

Process management
Software components to define, execute, and
monitor processes across people, systems and
things/devices

Application platform
A fundamental application development and execution environment to createIoT applications

Thing/device communication and management
Software components to communicate with as well as provision, and manage things/devices.

Connectivity

Network communication
Protocols that enable communication between thing/device and cloud

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Thing/Device

Thing/device software
Embedded software that runs on the physical thing to manage and operate its functionality

IoT components
Embedded sensors, actuators, processors, and connectivity port/antenna

Thing/device hardware
Core hardware components of the physical thing