

# ONE IoT PLATFORM

## ONE IoT – “A PLATFORM OF PLATFORMS”









**ONE IoT Platform** inherits and extends from the platform which is currently managing 6 millions devices of VNPT corporation, enables the management of millions of IoT devices via standard and proprietary protocols and provides IoT services for any vertical - Agriculture, Smart Home, Smart City, Environment and more. One of the most important target of the platform is to allow service providers to introduce their own IoT services in the shortest time to market. This can be easy thanks to the fully-featured device management solutions, friendly development environment and provisioning services in carrier grade.

The platform provides a flexible management of data model which is easily added although each device can have its own data model or protocol.

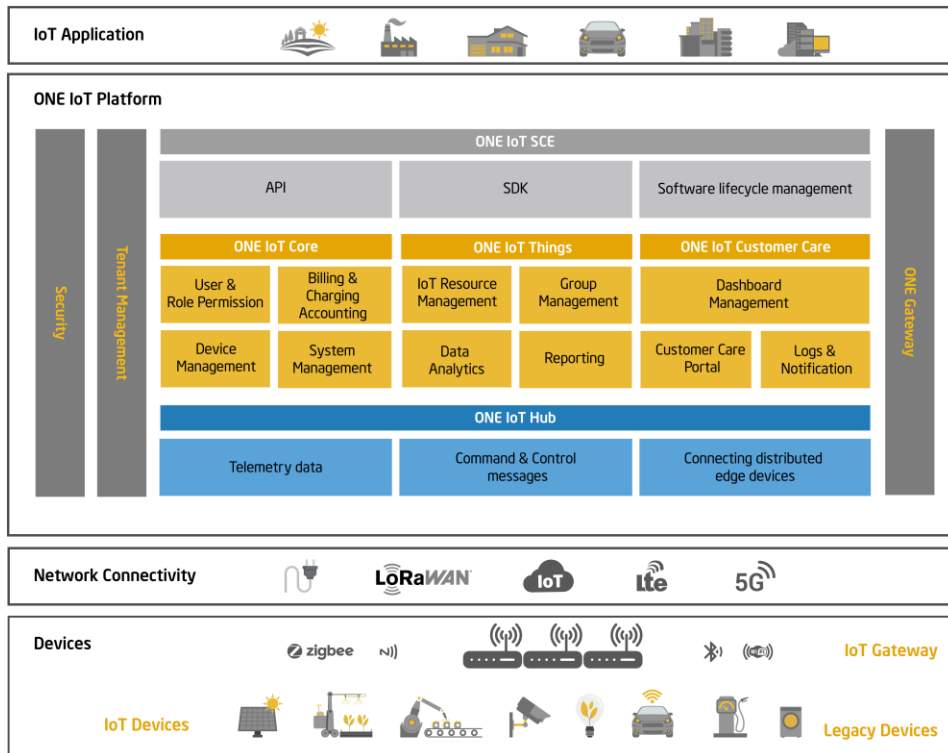
**ONE IoT platform** follows the international standard and be verified by ONE M2M for IoT.



## PRODUCT HIGHLIGHTS

<p><b>1</b> <b>Cloud Computing</b></p>  <p>Implement Cloud Business infrastructure for Enterprise</p>	<p><b>2</b> <b>Microservices</b></p>  <p>Implement microservice oriented architecture</p>	<p><b>3</b> <b>International Standard</b></p>  <p>Comply oneM2M international standard to build an IoT ecosystem</p>	<p><b>4</b> <b>Security Standard</b></p>  <p>Ensure safety and secure for Enterprise Database</p>
<p><b>5</b> <b>Edge Computing</b></p>  <p>Enhance computing capacity of edge devices</p>	<p><b>6</b> <b>Data Analytics</b></p>  <p>Provide cross-domain data analytics in an IoT ecosystem</p>	<p><b>7</b> <b>Workflow Engine</b></p>  <p>Provide flexible Engine adapt to business logic of enterprise</p>	<p><b>8</b> <b>High availability</b></p>  <p>Deploy HA and load balancing model to ensure the availability of the system</p>

## FUNCTIONAL MODEL



## FEATURES

### Connectivity

- MQTT, HTTP, CoAP, Web socket

### Device Management

- Registration
- Monitoring
- Configuration and Control
- Telemetry data
- SOTA/FOTA

### Data Management

- Data collection
- Data storage
- Data retrieve
- Data analytics

### Billing & Accounting

- Subscription Management
- Billing Management

### Application Enablement

- Application enablement
- Provide API/SDK
- Speed up application development

### Group management

- Device group
- Asset group
- Application group

### Security


- Authentication&
- Authorization
- Multi Tenant
- Transport layer secure

### System

- Dashboard, Widget for
- Statistics and report

## CUSTOMER CARE & TECHNICAL SUPPORT CENTRE

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