

ONENET Essential

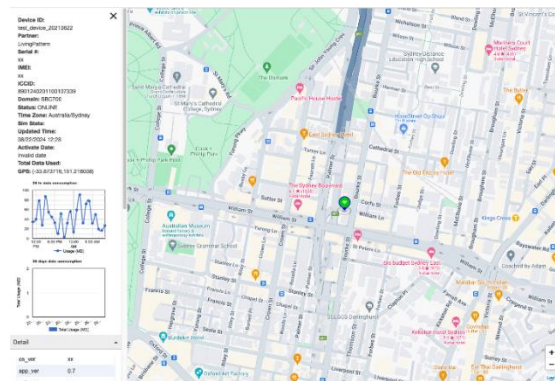
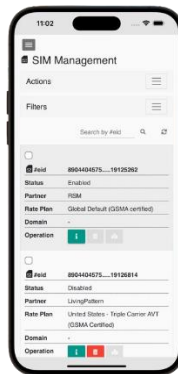
As the next 10 billion IoT devices come online, the industry will face some formidable challenges, such as ensuring the security of its devices, powering billions of sensors, and handling all the resulting e-waste. Despite those issues, Evans isn't bashful about anticipating an even bigger future. "I could see trillions of connected things, ultimately,"

The ONENET Essential is designed for managing the near coming billions of IoT devices and data. It leverages the power of Microsoft Azure IoT infrastructure and develops the most sophisticated IoT device and SIM data management platform, in order to fulfill the coming massive IoT devices management operation, manage every of your IoT SIM device and monitor the data usage.

ID	Status	Partner	Rate Plan	Domain	Operation
890404675...1912682	Enabled	RDM	Global Default (GSMA certified)		[i] [d] [r]
890404675...19126814	Disabled	LivingPattern	United States - Triple Carrier AVT (GSMA Certified)		[i] [d] [r]
890404675...19126823	Enabled	LivingPattern	United States - Triple Carrier AVT (GSMA Certified)	SBC700	[i] [d] [r]
890404675...19125941	Enabled	LivingPattern	United States - Triple Carrier AVT (GSMA Certified)	SBC700	[i] [d] [r]
890404675...19126038	Enabled	TiCascade	Global Default (GSMA certified)		[i] [d] [r]
890404675...19126135	Enabled	LivingPattern	Global Default (GSMA certified)		[i] [d] [r]
890404675...19126232	Enabled	TiCascade	AT&T Native Core (3G Enabled)		[i] [d] [r]
890404675...19126426	Enabled	LivingPattern	United States - Triple Carrier AVT (GSMA Certified)		[i] [d] [r]
890404675...19126223	Enabled	LivingPattern	United States - Triple Carrier AVT (GSMA Certified)		[i] [d] [r]

<SIM Management>

SIM Management



<Live Map>

Device Management

- Easy SIM import (single ICCID or bulk CSV file import supported)
- Easy Search (by partner, domain, SIM state, time range and SIM number)
- Bulk Operation (Active, Deactivate, Suspend, Restore, Reactivate)
- Email notification on SIM operation result (Success, Failure, Timeout statistic and Reasoning)
- SIM detail information retrieval and data usage
- Easy bulk SIM information export
- SIM operation event history storage, tracking and easy retrieval
- Location based SIM signal strength detection for installer configuration

- View device detail information
- Search device by domain
- Show/Move/Hide device on map
- Download device's last 24 hours data log
- Device dashboard embedded HTML code for 3rd party usage
- Bulk real-time device control by SMS
- Device history data export
- Send commands from cloud to device
- FW upgrade from Cloud to device

ONENET Essential

Making Our World Smart Together

The ONENET Essential enables bi-directional communication between cloud and devices, for sending command and receiving data. The enterprise scale and integration allow enterprise users to scale up and down, depends on the numbers of end user and device. And batch upload SIM information to activate data plans, single or batch deactivate, IP whitelist and blacklist for security purpose. Billing system allows partners to download the auto generated invoices based on monthly streaming usage.

Bi-Directional Communication

- Millions of devices
- Multi-language, open source
- SDKs
- HTTPS/AMQPS/MQTT
- Send telemetry
- Receive commands
- Device management
- Device Twins
- Queries & jobs

Enterprise Scale and Integration

- Billions of messages
- Scale up and down
- Declarative message routes
- File upload
- Web Sockets and multiplexing
- Azure monitor
- Azure Resource Health
- Configuration management

End-to-End Security

- Per device certificates
- Per device enable/disable
- TLS security
- X.509 support
- IP whitelisting/blacklisting
- Shared access polices
- Firmware/Software updates
- Azure Security Center Support

IoT-Scale Automated Provisioning

- Zero-touch provisioning
- Centralize your provisioning workflow
- Load balance across multiple IoT Hubs
- Re-provisioning support
- Supports TPM'+ X.509

IoT-scale automated provisioning grants end users to access to the platform and applications based on users' role and permission levels. The centralized provisioning workflow helps enterprise to prevent inappropriate access, excess permission to its end users, and to avoid unnecessary security risks.

The ONENET™ platform is the most robust and sophisticate IoT management platform for customers choice, and the documented RESTful API enables customers avoid costly and time-consuming process of data management platform development.

ONENET Essential Data Plan

Allotment	MRC	Overage per GB	Overage per MB
10GB FW Pooling Plan	35	5	0.005
25GB FW Pooling Plan	55	5	0.005
300GB FW Pooling Plan	85	3	0.003