



Samsung SDS RMS

The Fourth Industrial Revolution is here, Is your business ready?

Devices are equipped with stronger computing power than ever thanks to advancements in technology. The Internet of Things(IoT) is set to play a key role in the Fourth Industrial Revolution.

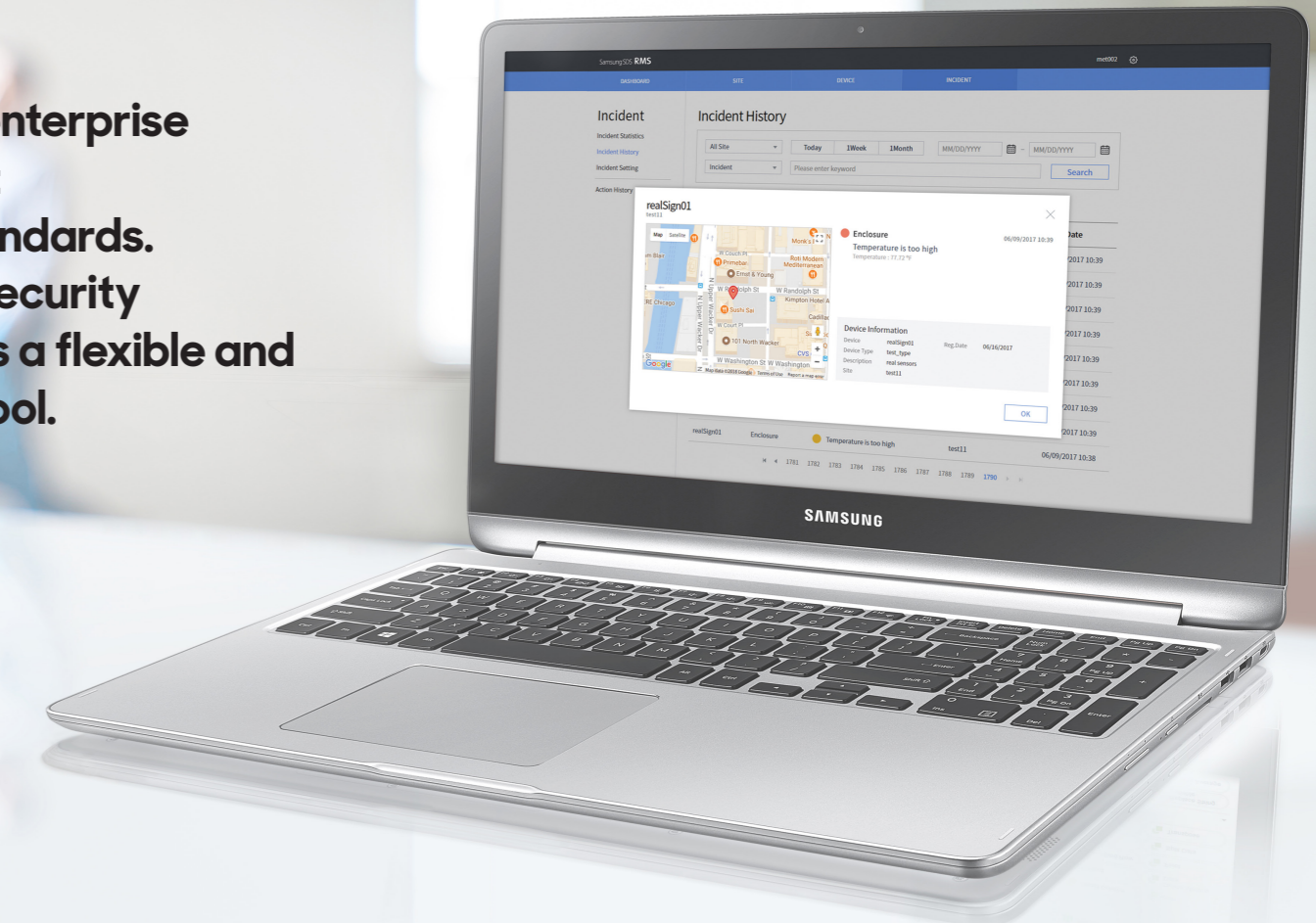
The low-power network, AI and blockchain industry have achieved strong growth, turning IoT from concept into reality.

Industry leading manufacturing, logistics and service businesses are already leveraging IoT solutions to increase yields and save costs.

Your business needs a systematic IoT solution that effectively connects, manages and analyzes all assets.

Samsung SDS RMS

Samsung SDS RMS is an enterprise IoT solution package that satisfies international standards. By leveraging the latest security technology, RMS provides a flexible and stable IoT platform and tool.



International standard-based IoT solution package

Samsung SDS IoT experts provide a one-stop IoT solution from consulting, deployment and service customization to help your business leverage IoT.



IoT Platform

Secure stable E2E security-based architecture design and extension with our standard platform that complies with international oneM2M standards.



Data Preparation

Analyze data with ease using our RMS solution that extracts data from various sources for processing.



Edge Computing

Reduce transmission loads with primary local data processing and lighter platform functions.



API Management

Secure stable API distribution and operation with our user-friendly interface.



Anomaly Detection

Detect and address anomalies in your operating assets during the early stages with our machine learning-based anomaly detection algorithm.

Key Functions

International standard-based device and system integration

Device registration and authentication

Our RMS solution supports various protocols for device connection including MQTT and CoAP and is applied with AES256-based encryption. using PC/ mobile/ video conferencing equipment.

Legacy facility integration

Integrate existing facilities such as PLC RS422 with our IoT platform using Edge IoT solution. User-defined protocol adaptor is also supported.

OneM2M and OCF standard

Ensure quick and easy integration with standard devices with oneM2M and OCF standard interface which are the standards for IoT.

Powerful service development environment

REST API development

Secure a REST API development and testing environment that facilitates native and web app development and can be used without changing code.

Virtual device emulator

Instantly test services with our C, C#, mobile OS (Android/iOS) and web-based device emulator.

Service development and distribution

Secure an effective development environment that enables fast implementation, verification and application of services your business requires with our local development tool.

Systematic management tool

GUI-based management environment

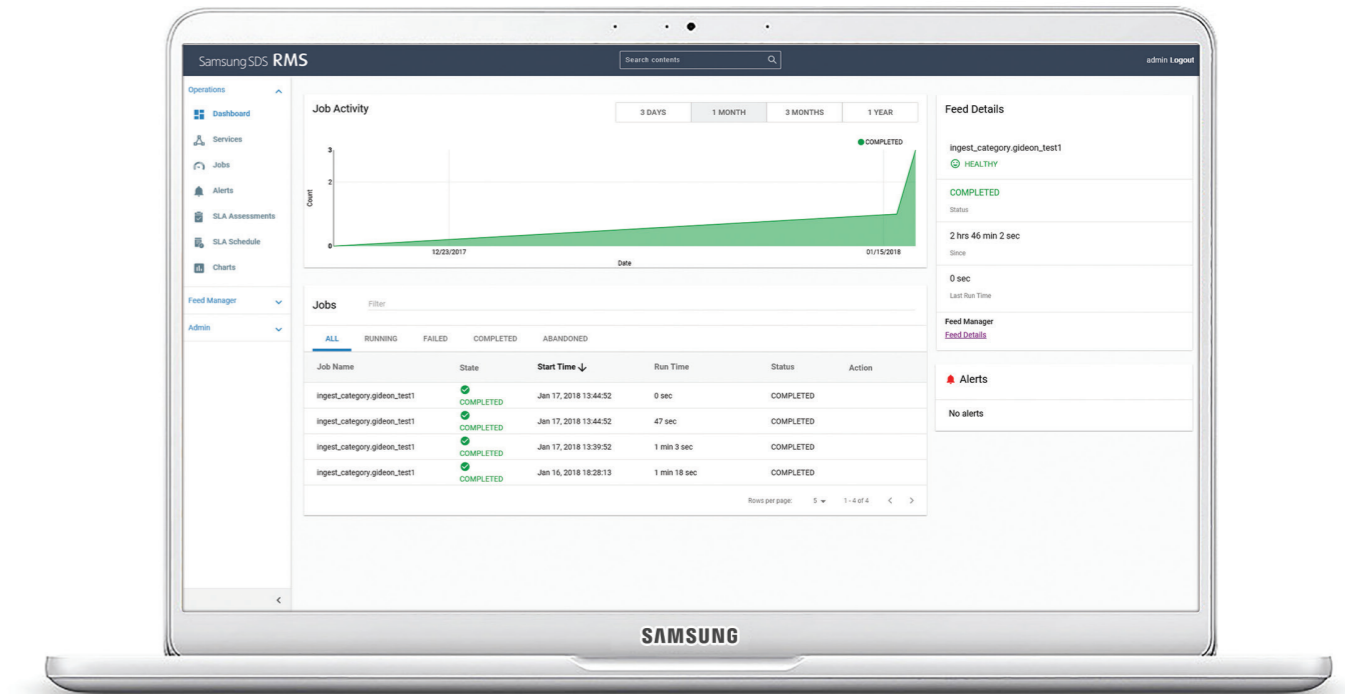
Secure an easily manageable environment with our intuitive GUI for hierarchical structure and business logic.

Flow-based data management

Easily and intuitively collect, convert, store and transmit data from various sources with our UI flow-based tool.

E2E security function

From hardware to applications, protect your business with powerful security technology and ensure certification management and secure firmware upgrades.





**Maximize business efficiency by
intelligently connecting all your
business assets.**

**Enhance business
efficiency**

Real-time data collection, storage and analysis of all utilized data optimizes and automates all business processes.

**Ensure data reliability
with strengthened
security**

Secure the integrity, confidentiality and reliability of your data by applying our industry-leading security technology throughout all areas of your business from devices and networks to platforms.

**Reduce operation and
maintenance costs**

Reduce operation costs with real-time remote monitoring and management. Minimize maintenance costs with machine learning-based anomaly detection.

Use Cases

Unleash the potentials of RMS



Ready-made data preprocessing for effective data analysis

Collect data using more than 70 types of adaptors and prepare data in advance for actual analysis using defined techniques such as Join or Filter.



Build an IoT platform for smart factories

Lay the foundations for an integrated smart factory. Integrate existing production facilities with systems by leveraging our IoT platform and tools that comply with international standards.



Real-time monitoring and anomaly detection for stable service operation

Detect anomalies in your facilities in real-time by applying a machine learning algorithm based on past data history in order to resolve malfunctions in advance.

SAMSUNG SDS

Realize your vision

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