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Samsung SDS
RMS

Samsung SDS RMS(Remote Management Solution) is an open, integrated, scalable, and secure platform that aids our customers in exploring new service businesses and ensures efficiency by analyzing status and usage data collected from physical objects and devices.

In this digital convergence era,
devices must be able to communicate and connect with each other.

In an effort to achieve innovative production and improve efficiency, industries are scrambling to take advantage of the Internet of Things (IoT) technology. For example, low-cost but enhanced sensors and wireless networks have already become the norm in manufacturing, while other manufacturers are aiming to gain a competitive edge by finding more effective ways to utilize ever-increasing volumes of data.

You need a new way of managing a wide range of sensors and devices.

- IoT devices, excluding PCs, tablet PCs, and smartphones, will reach 26 billion units by 2020.

- Sensors and devices must be connected effectively to ensure an optimized manufacturing process with seamless and predictable workflow to ensure minimized backup and waiting time.

- Seamless communication and compatibility between a wide range of ICT devices must be ensured for efficiency across all processes, from product planning to manufacturing to sales.

Single Access Point

The Samsung SDS RMS provides an industrial IoT environment tailored to your needs.

Samsung SDS **RMS**

An IoT platform that maximizes your value by collecting, storing, analyzing and intellectualizing data collected from diverse physical objects.

Key Features

- Tools and tests for easy connection to a variety of devices
- Real-time processing of large volumes of data
- Robust end-to-end security
- Intelligent service in connection with your legacy system - monitoring and data analysis
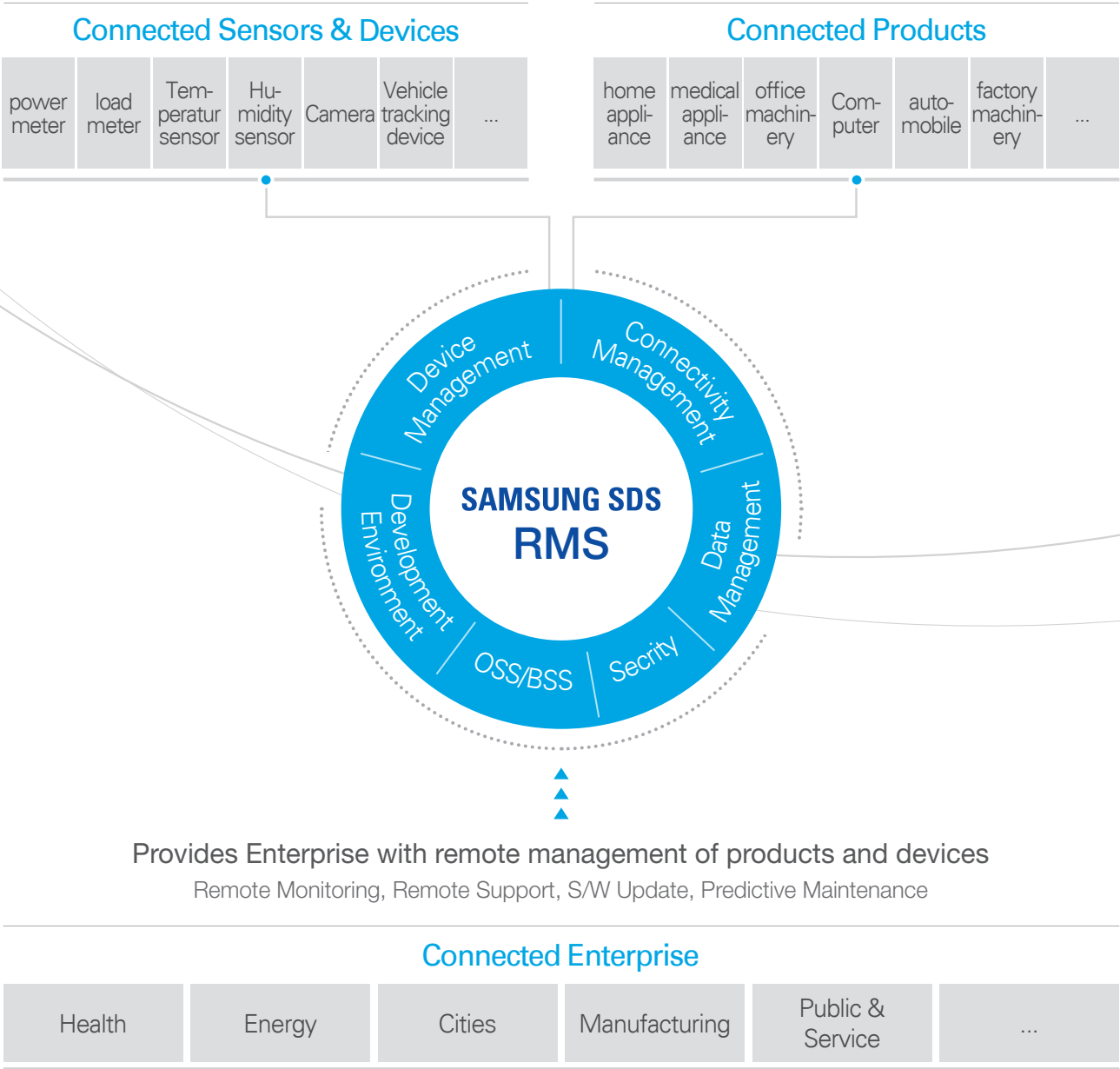
Key Attributes

Improved Manufacturing and Supply Chain Management

Employees are provided with accurate information and can connect with suppliers, distributors and others anytime, anywhere via devices.

Faster response to regulations through device-process connection

Devices are connected to operating and legacy systems, allowing a swift response and decision-making.

Connected Sensors & Devices

power meter	load meter	Temperatur sensor	Humidity sensor	Camera	Vehicle tracking device	...

Connected Products

home appliance	medical appliance	office machinery	Computer	automobile	factory machinery	...

SAMSUNG SDS RMS

Device Management · Connectivity Management · Data Management · Secrity · OSS/BSS · Development Environment

Provides Enterprise with remote management of products and devices

Remote Monitoring, Remote Support, S/W Update, Predictive Maintenance

Connected Enterprise

Health	Energy	Cities	Manufacturing	Public & Service	...

Unique Values We Provide

Easy Connection!
A platform tailored solely to your needs

Software Development Kits (SDKs) and agents are provided via our developers' portal to ensure easy connection with a wide range of devices.

Applications are developed based on open application programming interfaces (APIs) that enable interfacing between different devices and the collection of data.

Powerful development tools saving your time and money

Rules can be created, distributed and managed via our Rule Editor. A web-based integrated development environment (IDE) is provided free of charge.

Integrated management boosting efficiency

The Samsung SDS RMS also includes a service portal that provides device, site, system failure and monitoring management as well as statistics.

Robust end-to-end security

Cryptographic keys are distributed and stored securely through a key management system (KMS), ensuring state-of-the-art protection from device to application.
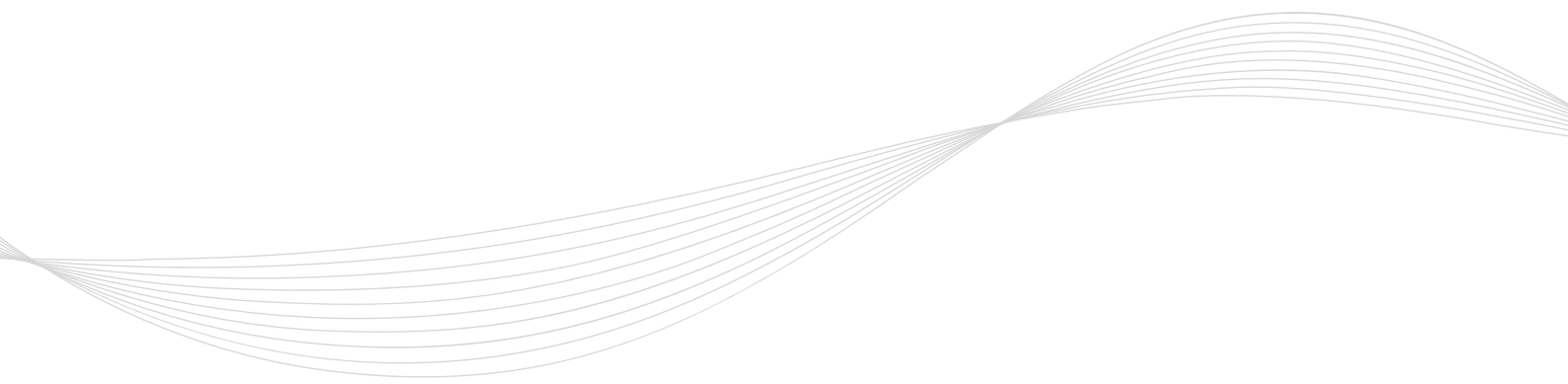
Case Study

CASE # 1

Integrated remote support
saving maintenance and repair costs

Global player "A"'s business units run their own maintenance and repair systems, incurring redundant costs.

Using the Samsung SDS RMS, "A" was able to standardize its legacy and existing systems, enabling interfacing not only between systems but also different devices. Through integrated management aided by the Samsung SDS RMS, "A" reduced its operating ratio by 23 percent.

CASE # 2

Data collection and analytics resulting in
increased market presence, diversified business and ultimately higher revenues

Customer "B" sells door locks but is desperately seeking to find new business opportunities and diversify its business strategies in the face of a slow market.

After adopting the Samsung SDS RMS, "B" could provide a variety of value-added services, including climate and visitor control as well as security alerts using entry/exit data from door locks. By opting for the Samsung SDS RMS, "B" has transformed itself from a door lock seller to a home care and visitor control service provider, increasing its market presence, exploring new markets, and driving up its revenue by 20 percent.

CASE # 3

Customized services leading to
greater customer satisfaction and new customers

Customer "C" wants a flexible corporate vehicle monitoring system that is compatible with a wide range of telecommunications companies and devices.

The Samsung SDS RMS has enabled "C" to control diverse devices with different telcos, improving customer satisfaction by 38 percent.

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