

# RT1 series

## Secure Remote Access Solution for Maintenance Services

### Security first\*

Security Audited & Certified solution:  
Regularly Security audited & certified  
against IEC62443 and Industry 4.0

### On Demand connection\*

For remote maintenance and commissioning

### Persistent connection\*

To securely collect/exchange data from different plants

### Connectivity to OMRON Devices

Freely to remote connect all  
OMRON Automation devices

### 4G, WIFI, LAN Connectivity in Uplink

Variety of options to match with all you  
need to connect a machine remotely

### LAN, Serial and USB connectivity to devices

Sysmac and legacy controllers can be connected  
using Ethernet, Serial or USB connection

### Local I/Os

Can trigger event or enable and disable remote access

### Manage your accounts and access

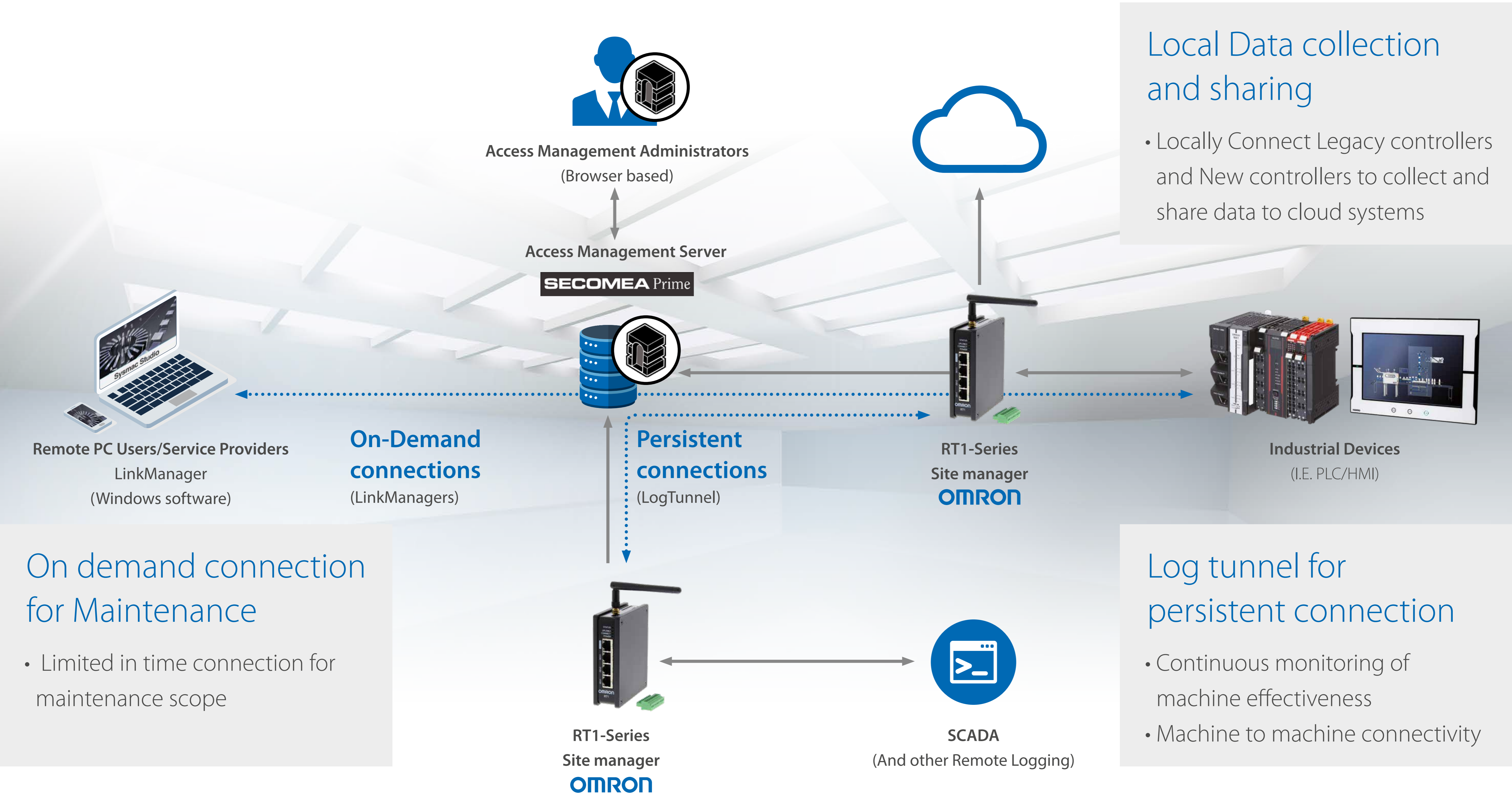
With GateManager, you control user  
roles, you control authentication and  
you control authorization



\* Communication Services necessitate a subscription to Secomea Prime, provided by Secomea.



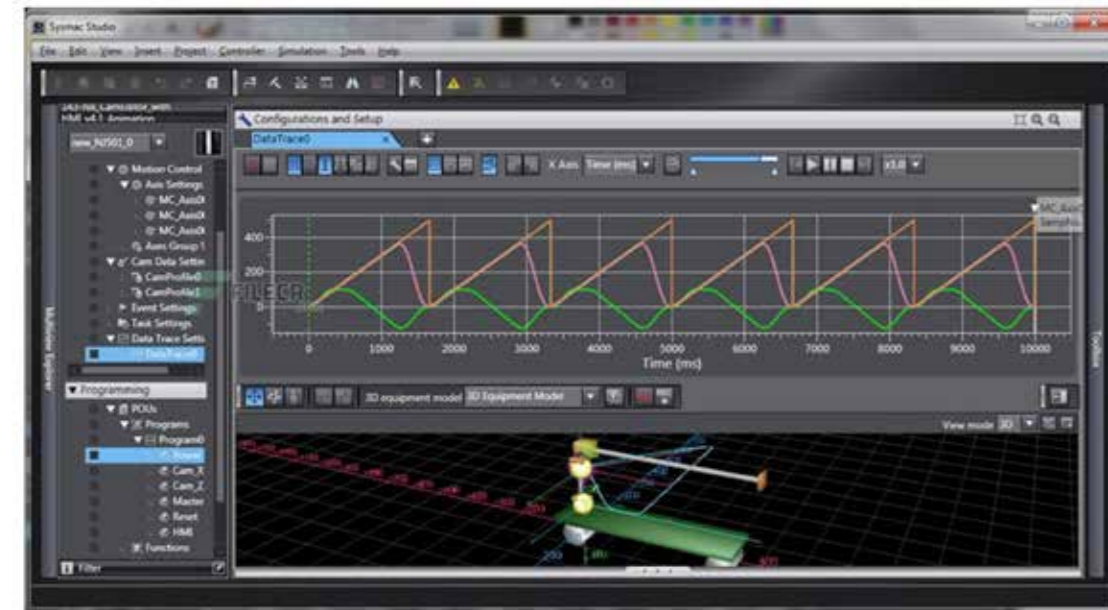
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## Monitor Machines and access to key assets



- Execute a quick connection to machine to get relevant information and monitor machine status
- Remote access with programming tools to all the key assets of the machine and troubleshooting tools
- Access to Ip Camera to see machine by remote and understand the issue

## Reduce cost by reducing on site services



- Get info of spare parts needed before the service is executed (save time for maintenance)
- Fast fix of the problems by Remote
- Fast fix of the problem by having all the troubleshooting info needed before the service
- Remote Fine tune after commissioning

## Reduce Travel



- By connecting 2 remote site securely
- By enabling remote commissioning and Maintenance
- By fixing the problems without being on site

## Positive impact for the society



- Sustainability by reducing CO2 footprint due to Travel reduction
- Reduce risk for operators working in potential risky areas
- Improve work/life balance of technical team (by reducing impact of emergencies)

## Extended Warranty



- Monitor status of consumables
- Implementation Machine as a Service Business model:
  - order of consumable parts on need after the initial purchase
  - Preventive maintenance by regular machine check-up
  - Priority fast support by remote connection
- Support of Machine Manufacturer with High skills to maintenance people

## Continuous data collection



- Direct Access to Machine on rental installations for monitoring correctness of Use and status of productivity
- Collection of data by Distributed solution to provide immediate support
- Collect production data for optimization

## Secure Certified Solution

**SECOMEA Security Certificate**  
Security Audit



- Security Audited & Certified solution:
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## Expand value of Omron Automation Solution



- Connect all Omron Automation Devices
- Open Remote access to Legacy solution already installed in existing plans/Machines
- Expand Omron Automation Solutions with Remote access functionalities in New machines



# RT1 series Portfolio

OMRON Model	SiteManager HW
RT100-EMM3010	SiteManager LAN
RT100-W5M3010	SiteManager WiFi
RT100-4GM3010-G	SiteManager 4G- Global

LAN Model



WIFI Model

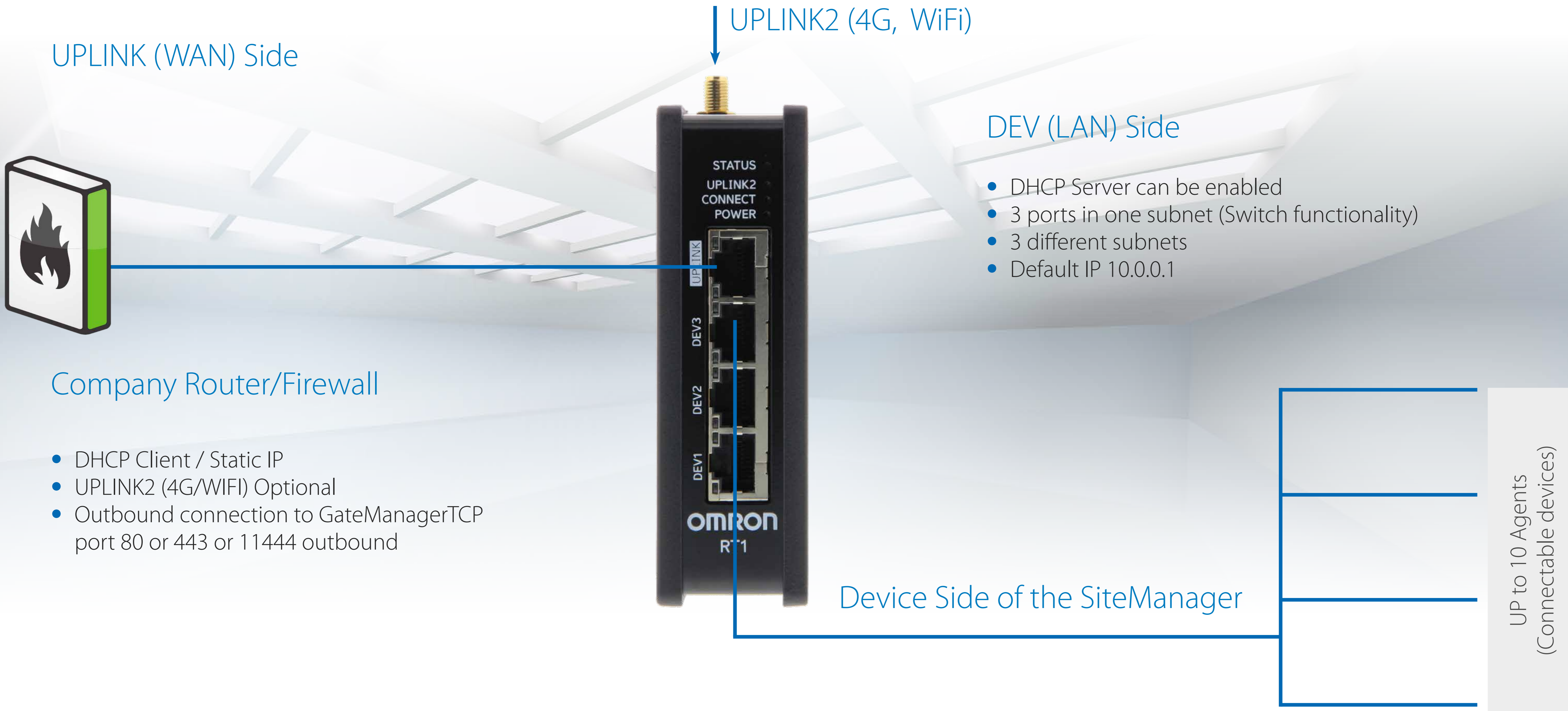


4G Model



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## SiteManager (Network Setup)





# RT1 series Additional values

## Security first



### Firewall Friendly

Our solution is Firewall friendly. Only outbound connection required for the SiteManager. (either port 80 or 443 or 11444).



### AES 256bit

AES 256bit encrypted tunnel based on TLS.



### 3rd Party Certification

Cyber security due dilligence: The entire solution is security audited by 3rd party company (ProtectEm) Audit based on NIST SP800, ISECOM OSSTMM, BSI, ISA99 and IEC62443.



### User Management

Full control of who can access the SiteManager gateway – even access time frames can be specified at your preference.



### Device Management

Control who gets access to your devices: Full control over which device can be accessed by whom, all the way down to IP address or port level.



### Audit & Reporting

All access activity is logged for auditing and to provide full transparency of user activity.



### Network Connectivity

Ethernet/WIFI or 3G/4G for total network separation.



### Physical Control

IO ports to physically control remote access.

- The solution is designed specifically for the automation industry
- The solution is proven and endorsed by machine builders
- The solution is secure
- The solution is easy to deploy and maintain
- The solution is scalable
- The solution is fully supported
- The solution actively helps fulfil obligations for servicing installed machines
- The solution recoups its investment through saved maintenance cost

### Reduce travel costs with online remote maintenance access

Industrial Remote Access connects you to machines and equipment to view and control interfaces, troubleshoot equipment and install updates from anywhere in the world. It enables you to remotely perform corrective maintenance without costly, time-consuming on-site visits.

### Easily deploy a high security certified remote access solution

Security and ease-of-use are the Achilles heel of many remote access systems. Our solution is based on a proven, trustworthy and certified secure remote access platform. The RT-series can be swiftly deployed and utilized with all levels of operating experience.

### Instantly improve customer service quality with remote access

- Workday independent 24/7 remote access to all production equipment
- Centralized maintenance and control
- Rapid response times
- Access to Sysmac Studio Platform and CX-One platform