Remote data logging of industrial equipment

TYPICAL SCENARIO

You are a machine provider that wants to offer preventive and predictive maintenance services for your machines by monitoring and logging machine information to a central surveillance centre. You want to be independent of remote networks as this is out of your control. If an issue occurs, you wish to be able to connect to the equipment for further diagnostics, programming and upgrades.

. . with no need to deploy VPN. Let your log server fetch real time data from any devices transparently through firewalls and IP networks.

Cost and Efficiency Benefits:

- Web browser like inside-out connections
- Immune to IP Subnet conflicts and routing issues
- All equipment can have identical IP addresses

Case story

FLSmidth is a leading supplier of equipment and services to the global cement and minerals industries. FLSmidth supplies everything from single machinery to complete cement plants and minerals processing facilities including services before, during and after the construction.

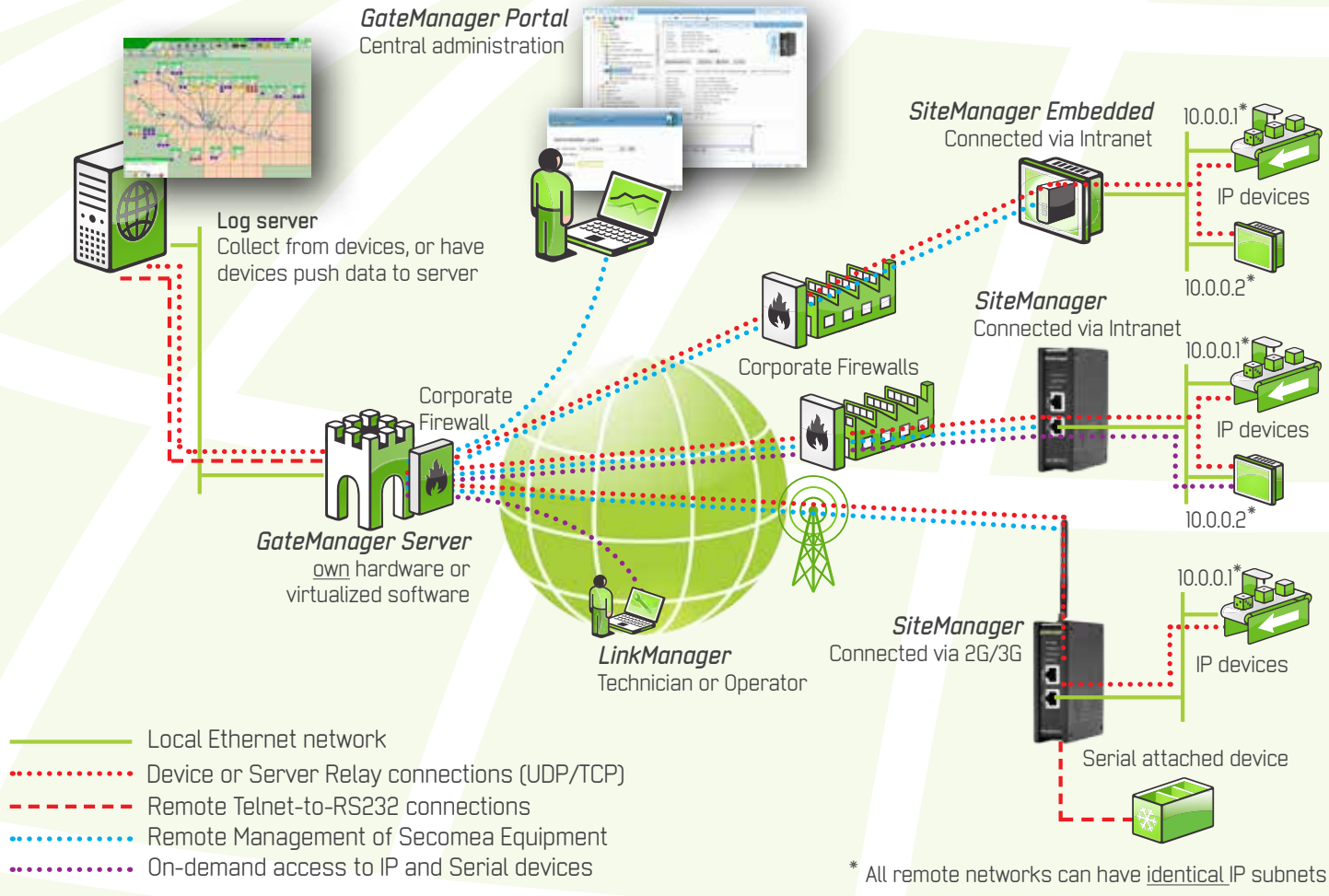
A part of the services strategy is to remotely retrieve data harvested locally in the PLCs to a central server. The data is used to create production reports to customers and to perform preventive maintenance. Data collection is based on FTP access to each PLC via a central GateManager M2M Server. Subsequent to the data analysis, technicians have the option to remotely connect to the monitored PLCs and perform further diagnostics and program adjustments.

The Secomea solution was chosen after a thorough evaluation of several industrial access solutions, where security, ease of administration and scalability were decisive factors.

Secomea Remote Logging via Device Relays

How it works

1. Install a **GateManager** M2M server at your surveillance centre.
2. Install **SiteManagers** at the machine locations or install a Software SiteManager on a Windows based device at the location.
3. SiteManagers connect to a central GateManager M2M server via the local network or via 3G.
4. Connect your data logging server locally to the GateManager and connect to all remote devices simultaneously via the **Device Relays.**
5. For further analysis manually connect to the device with the LinkManager client and perform diagnostics, programming and upgrades.



How to get started

- Decide on the preferred SiteManager model (hardware or software)
- Order the **Secomea Starter Package** to try out a free hosted GateManager cloud account
- Decide on the preferred GateManager (software or hardware)

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