Hierarchy hesitations

The type and density of houses in the roll out area highly influences the need for specific device hierarchies. For example, urban apartment buildings requirements are different from remote detached buildings in rural areas.

Each device comes with its own head end. After all, a meter manufacturer offers a head end that matches its device, not necessarily the specific situation in your grid. When combining multi-layered device hierarchies, you will likely to grow a highly complex shell of vertically integrated head ends connecting your meters to the rest of your IT infrastructure.

The hierarchy trap

Device-, event-, configuration-, network- and security management are scattered across your complex head end shell. To make these functions work in unison becomes a painful integration process. For example, your different head ends will apply to different communication standards or require different data scheduling settings.

Each group of devices needs its own management procedure. The more head ends, the more people in your control room and the higher your operational costs.

Also change management becomes a real challenge. Implementing new devices, applying new communication standards or even the littlest of setting adjustments lead to extensive reconfiguration of the different elements in your system.

MDM · ERP/CIS/WFM · SCADA · OMS

NETINIUM

Direct

Data Concentrator

E-Meter as Hub

Central Hub

Vendor Head End

Netinium fits your entire network, not just the individual devices:

· The multi-adaptable platform connects to and closely manages any meter or device creating a hybrid, incremental network ⇨ Base future hardware acquirement decisions on quality and technical innovation

· The platform is compatible with every communication standard, incl. IPv4, IPv6, PLC, GPRS, LTE and CDMA. Combined into a hybrid network infrastructure this enables uniform processes across devices from all major brands, independent of how many different devices you wish to use.

· When it comes to data collection scheduling the Netinium platform adapts to any device hierarchy - Manage different vertical hierarchies using one single environment

· Whether you need high or low connection latency, or your preferred bandwidth should be big or small, with Netinium you can combine different configurations next to each other

NETINIUM®