Managing hybrid networks

Meter roll outs are hardly ever executed using one single meter type. Different projects require different hardware, evolving standards and security requirements force you to have different firmware versions concurrently in your infrastructure and finally, you'll be buying from different vendors to reduce business risks.

However, each device comes with its own head end software. Consequently, you will grow a highly complex shell of vertically integrated head ends connecting your meters to your IT infrastructure. This will only increase when you extend into the Internet of Things and decide to incorporate other types of devices.

Lurking system inefficiency

Each group of devices needs its own management procedure. Device-, event-, configuration-, network- and security management are scattered over different 3rd party back end systems. And different head ends will likely apply to different communication standards or require different data scheduling settings.

To make these functions work in unison becomes a painful integration process accompanied by various hidden costs. Regarding change management, implementing new devices, applying new communication standards or even the littlest of setting adjustments could lead to extensive reconfiguration of the different elements in your system.

The more head ends, the more people needed in your control room and the higher your operational costs. Even your MDM won't solve this problem as it is perfect for meter data management but suffers in functionalities for maintaining your devices.

Netinium's smart 'one size fits all' features:

- One single platform to deploy and maintain your smart meter infrastructure ⇨ Create a hybrid network in which uniform IT/OT processes are organized across different devices from all major brands, increasing efficiency and responsiveness

- The northbound, CIM standard interface can be directly connected to your ERP, CIS, GIS, OMS & DMS or real-time billing engine ⇨ Cut down on architectural layers and smoothen change management

- With Netinium, there is no need for an extra layer of 3rd party back systems ⇨ Largely improve your system latency and bring down your response-to-incidents time

- Whether it's alerts on your dashboard or drilling down to end devices in various areas, all are combined seamlessly in one environment ⇨ Manage your network efficiently and effectively

- Preset processes such as automated installation configuration and automated security key management reduce the number of people needed to be present in your control room - cut down on operational costs

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