Expand the Possibilities of AMI and Win Your Day with Network-as-a-Service (NaaS)

A Product of Neptune Technology Group

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Empower your utility to do more with an outsourced, open-standard Network-as-a-Service (NaaS) solution from Neptune®.

Get back to the business of water with a NaaS solution from Neptune where AMI infrastructure is actively managed and monitored over the life of the project.

Today's advanced metering systems require complex network design, ongoing support, inherent security, and increased head-end server computing and storage. Not every utility has the financial, technical, or human resources to implement such complex network and software systems.

Save time, labor, and money by outsourcing through Neptune. Your utility won't have to worry about design, installation, and ongoing operations and maintenance (O&M) for the life of the AMI project with Neptune's NaaS managed service:

- Reduce time and effort to deploy

- Optimize AMI network performance

- Improve infrastructure reliability and security

- Future proof deployment with Neptune's R900® technology

- Support AMI functionality with back-up mobile AMR meter reading

The Neptune NaaS Solution

With Neptune's managed network service, you and your utility can focus on the business of water. Neptune's NaaS solution includes:

HARDWARE

- Neptune AMI network infrastructure and R900 end-point hardware
- No additional costs for network expansion due to utility growth
- Centralized device management and reporting

FIELD OPS

- Execution of site leasing agreements and carrier contracts
- Installation of collectors and AMI infrastructure
- Freedom from ongoing fees associated with site leases, backhaul, AC power, and maintenance
- All break-fix repair costs of data collectors and AMI network

NETWORK OPS

- 24x7 Network Operations Center (NOC) monitoring
- Proactive monitoring of alarms, and trouble ticket triage
- End-to-end AMI network operations, security, and monitoring

TECHNICAL SUPPORT

- Ongoing maintenance and infrastructure updates for the life of the project
- Network design to ensure coverage, redundancy, and performance
- Cloud-based resources to ensure high availability, scalability, and performance

Leverage the Power of NaaS

The connected and purposeful utility of tomorrow will build on today's Smart Water Networks and managed network service. Prepare to meet your future needs today with a fully managed and monitored open-standard NaaS solution from Neptune.

Benefits of Network-as-a-Service

Smart Water Deployment

With NaaS from Neptune, the design and installation of the AMI network infrastructure allows for rapid deployment. The network provides comprehensive coverage, redundancy, and performance to assure reliable meter reading across your installed meter base.

Optimized Network Performance

Neptune's cloud-based NaaS service ensures high availability and scalability for the most demanding of AMI applications. Managed AMI network operations include hardware and software upgrades for the life of the project. Mitigate concerns for AMI network obsolescence in the future.

Network Security and Resiliency

Leverage a standards-based infrastructure with the first LoRa Alliance™ certified solution for water AMI networks. Achieve improved infrastructure reliability and security through the LoRaWAN™ protocol and NaaS service. The network ensures secure and redundant connectivity end-to-end.

Be Future-Proof with the R900

Future compatibility of multiple reading systems is assured with Neptune R900 technology. Build on your existing system and move seamlessly from mobile AMR to AMI data collection without stranding assets or the pressure of deploying a comprehensive reading solution all at once. Smart end-points do not require re-programming. Deploy with confidence.

Moving Beyond AMI

Leverage the broad eco-system of developers from the LoRa Alliance. The open standard-based network supports additional water and wastewater automation initiatives.

Leave AMI Network maintenance behind with a custom NaaS solution from Neptune. Advanced functionality becomes simple to use now and in the future.

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