

# Neptune<sup>®</sup> 360<sup>™</sup> Data Management Platform

A Product of Neptune Technology Group



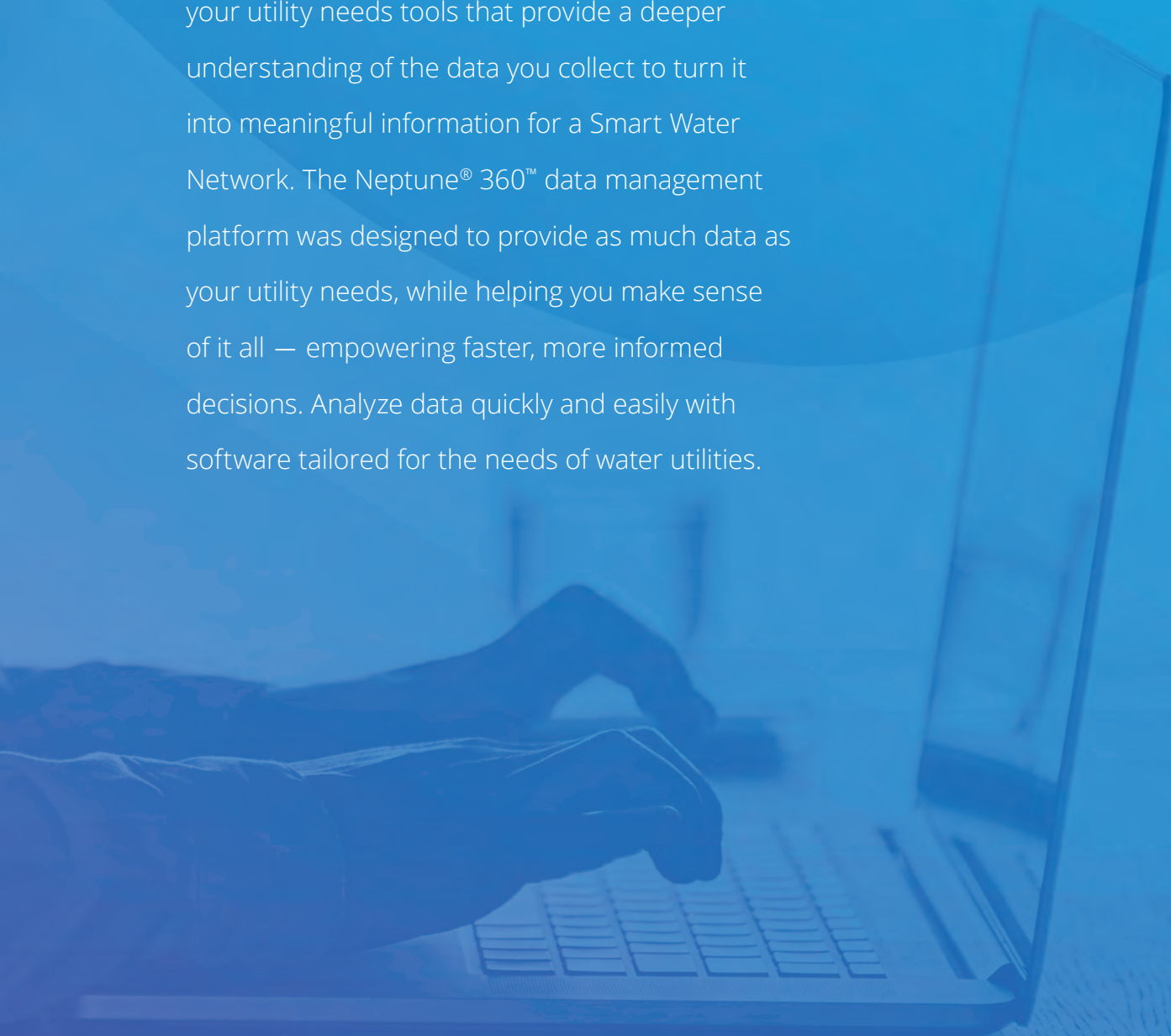
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# Turn Information into Action

Data is just data unless you can use it effectively. To go beyond basic meter reading and billing, your utility needs tools that provide a deeper understanding of the data you collect to turn it into meaningful information for a Smart Water Network. The Neptune® 360™ data management platform was designed to provide as much data as your utility needs, while helping you make sense of it all — empowering faster, more informed decisions. Analyze data quickly and easily with software tailored for the needs of water utilities.



## Putting Your Data in View

Having the data is one thing, seeing the data and making sense of it is another. Neptune 360 delivers an intuitive, user-friendly design, making the data clear and easy to interpret. Examining your entire AMI network using system-wide Key Performance Indicators and geographical views assists with identifying areas of concern and finding ways to maximize operational efficiencies.

Quickly access a dashboard view of your largest water consumers, providing you with information needed to take action. Analysis of individual trends and usage patterns helps resolve customer service calls with confidence. Detailed reporting of consumption activity, potential leaks, and reverse flow will keep you ahead of issues that could impact your utility's revenue.



### Lift Your IT Burden with a Cloud-Based Solution

Boost utility efficiency with Neptune 360. No longer install servers or perform upgrades. All that is needed is an Internet browser. Just log on to access anywhere at any time.



### A True Sense of Security

Ease your security concerns and stay focused on the business of water. Continuously-monitored Neptune 360 operates from a world-class data center, providing the highest level of security, redundancy, and disaster recovery services.



## Share Information Across the Smart Water Network

Your management, maintenance, customer service, water quality, and other departments all need fast, easy access to information. Share and leverage actionable data captured by Neptune 360, empowering

collaboration and helping predict impacts on your utility. The platform seamlessly integrates meter data, event data, and alerts directly with third-party work order systems, customer portals, hydraulic modeling applications, and other systems through Application Programming Interfaces (APIs).



### An Application that Grows as You Grow

From mobile meter reading today, to moving to an AML network tomorrow, the same software platform is utilized. Apply trend analysis in rate structure planning and usage initiatives. The modular-based platform makes it easy to turn on new features as your needs evolve, bringing you critical data to proactively plan for tomorrow.



### Trust the Data

Data accuracy and dependability matter. By implementing the highest-level architecture, Neptune ensures data integrity with processes and tools to maintain quality from the meter to the platform as part of routine business operation.



# NEPTUNE<sup>®</sup> 360<sup>™</sup>

Analyze and share meaningful data with a platform that empowers utilities. Actionable insights help you achieve your goals and objectives.

## METERS MATTER

Stream critical actionable data right into Neptune<sup>®</sup> 360<sup>™</sup>.



## WALK-BY DATA

Sync collected data easily.



## FUTURE PROOF AMI

Connect AMI network data.



## MOBILE

Incorporate mobile data collection.



## BRING YOUR OWN DEVICE

Eliminate specialized devices and communicate efficiently.



## THIRD-PARTY SOFTWARE

Link data with third-party applications (such as CIS and Esri).



## CUSTOMER RELATIONSHIPS

Streamline utility data management and provide exceptional customer service.



+ ACT QUICKLY

+ PLAN FOR THE FUTURE

+ MANAGE GROWTH



## Specifications

### Neptune 360

- Google Chrome and Microsoft Edge web browsers supported
- When using touch screen monitors, Neptune recommends Microsoft Edge web browser for optimal viewing and performance

### Neptune 360 Mobile

Neptune 360 Mobile supports Android, iPhone, and iPad devices running the following operating systems:

- Android:
  - Recommended device manufacturers: Samsung, Nexus, or Motorola
  - Supported OS Versions: 5.1 – 10
- iOS:
  - Versions 10.3.1 – 13

### Neptune 360 Sync

Neptune 360 supports the use of Trimble Nomad 900B, 1050B, 1050LE, and Trimble Ranger 3XE Handheld through the use of Neptune 360 Sync. Supported operating systems for Neptune 360 Sync:

- Windows 7 Professional and Enterprise
- Windows 8 Professional and Enterprise
- Windows 10 Professional and Enterprise

Minimum computer requirements for running Neptune 360 Sync:

- Processor: Intel® Core™ 2 Duo 2-gigahertz (GHz) or faster processor
- Memory: 4 gigabytes (GB) of RAM
- Hard disk drive: at least 1.5 GB of available space on the hard disk

## Neptune® 360™ Mobile

Neptune 360 Mobile provides direct communication via wireless from the field without the need to bring your mobile device back into the office, yielding data on demand for more efficient customer service. Other application capabilities include RF Test, Off-Cycle Read, and Data Log to capture 96 days of hourly historical consumption — addressing customer issues faster.

# 96

days of hourly  
historical  
consumption



## Bring Your Own Device to Field Operations

Save money and time with Neptune 360 Mobile — use your utility's existing Android or iOS cell phones or tablet devices to perform meter reading. Pair with an R900® Belt Clip Transceiver or MRX920™ Mobile Data Collector and expand your field device options when performing re-reads, reading monthly routes or even responding to high water bill complaints.

## Neptune® 360™ Benefits

- Neptune-managed system with no installation required
- Cloud-based solution in a world-class data center with the highest level of security and disaster recovery/redundancy
- 24/7 software system monitoring
- Retain data ownership in a system designed exclusively for water utilities
- Integrate and access Data Analytics across departments — helping your utility achieve goals and objectives
- Identify potential leaks, excessive consumption, and reverse flow to proactively resolve issues faster
- Migrate easily from mobile to fixed network
- Aid Non-Revenue Water reduction, conservation, and rate planning
- A single platform across devices that can be accessed anywhere at any time



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