



ARB® N_SIGHT™ AMI SOFTWARE



With ARB N_SIGHT AMI, you have the data that makes a difference, from synchronized system-wide midnight meter readings to up-to-the-hour consumption profiles.

ARB® N_SIGHT™ AMI software, for use with Neptune's R450™ radio frequency meter interface unit, provides the most advanced functionality of any fixed network system on the market today. Whether your information requirements are a daily reading to support billing and off-cycle readings or hourly usage/consumption profile data to support customer service inquiries, ARB N_SIGHT AMI software provides all of the information at your fingertips.

Neptune recognizes there is a difference between the amount of data and the value of data communicated through a fixed network system. Data can be left for interpretation or data can be interpreted and displayed in a way that adds value to utility personnel. The ARB N_SIGHT AMI software is designed to support key departments within your utility by providing high-value data in user-friendly screens and reports to help utility personnel manage their day-to-day operations. ARB N_SIGHT AMI software provides users with easy system monitoring and control, over-the-air system upgrades, auto discovery over the network, synchronized midnight meter readings, monthly/daily/hourly customer usage graphs, customizable reporting engine, and priority alarm notification.

Most important, ARB N_SIGHT AMI and ARB N_SIGHT AMR can integrate seamlessly, allowing both fixed network and mobile systems to operate in parallel as a hybrid system.

- ARB N_SIGHT AMI software provides an easy-to-use graphical user interface allowing utility personnel to manage the system and analyze data. Customer account information is easily downloaded into the ARB N_SIGHT AMR software and updated in the AMI software's database in order to determine the accounts that are currently ready for billing. Once the readings are received through the fixed network, the AMR software extracts the readings from the AMI software in order to provide the transfer file to the utility's CIS for billing purposes.
- ARB N_SIGHT AMI software allows utility administrators to set log-in security access levels for their personnel, while making sure accountability and data security are never an issue.

KEY FEATURES

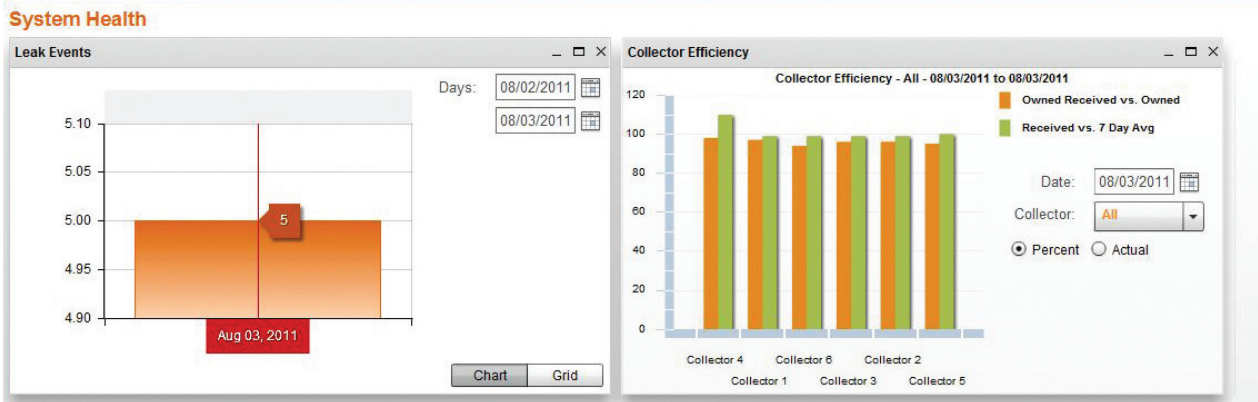
- Customizable dashboard (to view daily performance)
- Synchronized system-wide midnight meter readings
- Up-to-the-hour customer usage/consumption profile data
- Priority alarms
- Customizable reporting engine
- Advanced search capability
- Auto-discovery over network of newly installed MIUs

KEY BENEFITS

- Improves Customer Service capabilities – address customer complaints with detailed consumption data
- Performs detailed usage analysis (i.e., usage/consumption profiling)
- Provides the tools needed to reduce Non-Revenue Water
- Provides information to optimize distribution network – leak detection
- Collects PLUS data features available from E-Coder® to facilitate leak, tamper, and reverse flow detection at the end customer
- Reduces meter reading costs
- Improves cash flow by reducing read-to-bill cycle



ARB N_SIGHT AMI seamlessly supports meter reading data collected from R450 MIUs and R450 Data Collectors.



The customizable dashboard gives quick access to Key Performance Indicators.

Customizable Dashboard

The customizable dashboard gives quick access to mission critical system status and performance information. Key Performance Indicators (KPIs) such as major reverse flow events, continuous leaks, collector status, and system statistics, can be configured on the dashboard to be presented each time a user logs into the software application.

Synchronized Midnight Meter Reads

ARB N_SIGHT AMI software synchronizes meter readings at midnight and provides these meter readings for billing, off-cycle reads, and

mass balancing of production water versus revenue water. For the first time, utilities have a system-wide tool to identify and manage Non-Revenue Water.

Customer Usage Profile Data

Customer usage can be monitored in monthly, daily, or hourly intervals. On-screen graphs display the usage profiles for quick and easy interpretation in managing high water bill complaints and supporting conservation initiatives. With built-in email functionality, ARB N_SIGHT AMI software allows customer service personnel to quickly provide customers with consumption graphs to explain unusual water usage patterns.

NEPTUNE TECHNOLOGY GROUP

110000000, 1600 Alabama Highway, Neptune

Name: Christopher Walls Last Reading: 02899293
 Address: 559 Barnes Avenue Last Leak: 0
 Last RevFlow: 1

Address	Name	MIU ID	Premise ID	Account	City
901 Russell Street	Felix Fick	110001776	35873	14369	Mayberry
47 Leak Ave	Permalog	110001894	GEN_0000001232	648796	Mayberry
4235 Green Hill Road	Shemika Gibbs	110001914	50098	14362	Mayberry
5 Shopping Ct.	Inactive	110002046	1419227	8911	Mayberry
559 Barnes Avenue	Christopher Walls	110002066	50438	15891	Mayberry
2768 Diamond Cove	Eleanor Pena	110002140	1421369	793	Mayberry
12 Water St.	Permalog	110002202	GEN_0000001233	65479	Mayberry
1 Tamper Dr.	Cut Wire	110002240	1431262	3622	Mayberry
101 Neptune Way	Walmart	110002284	1421309	3231	Mayberry

Comment: [Text Area]

Comment	Added By	Comment Added
Test Comment	admin@neptunetg.com	06-24-2011 09:44

Readings Since: 06/19/2011

Monthly Usage for 110105550

MIU ID	Date	Reading	Leak	Rev Flo	
110105550	08-03-2011 24:00:00	0289	0	1	Frederick Road(-95/08-03-2011 13:3
110105550	08-02-2011 24:00:00	0289	1	1	Frederick Road(-94/08-03-2011 13:3
110105550	08-01-2011 24:00:00	0289	0	1	Frederick Road(-93/08-03-2011 13:3
110105550	07-31-2011 24:00:00	0289	0	1	Frederick Road(-82/08-03-2011 13:3
110105550	07-30-2011 24:00:00	0289	0	1	Frederick Road(-81/08-03-2011 13:3
110105550	07-29-2011 24:00:00	0289	1	1	Frederick Road(-83/08-03-2011 13:3
110105550	07-28-2011 24:00:00	0289	0	1	Frederick Road(-80/08-03-2011 13:3
110105550	07-27-2011 24:00:00	0288	0	1	Frederick Road(-86/08-03-2011 13:3
110105550	07-26-2011 24:00:00	0288	0	1	Frederick Road(-84/08-03-2011 13:3
110105550	07-25-2011 24:00:00	0288	0	1	Frederick Road(-86/08-03-2011 13:3
110105550	07-24-2011 24:00:00	0288	1	1	Frederick Road(-90/08-03-2011 13:3
110105550	07-23-2011 24:00:00	0287	0	1	Frederick Road(-85/08-03-2011 13:3

The customer service screen helps utility personnel respond to customers' high water bill complaints.

Powerful Search Engine

The powerful search engine allows users to search for account(s) by utilizing a wide array of selection criteria. The search engine makes creating customizable groups and the setting up of large numbers of accounts much easier.

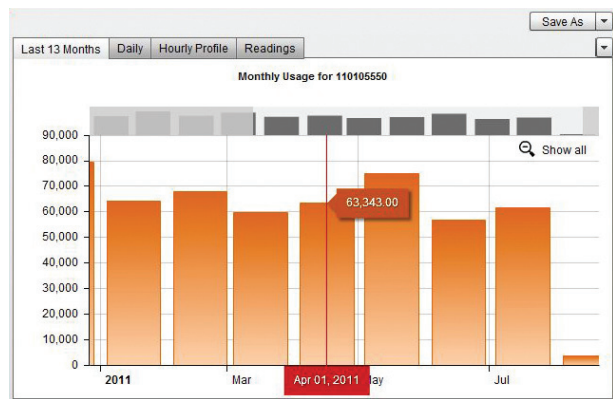
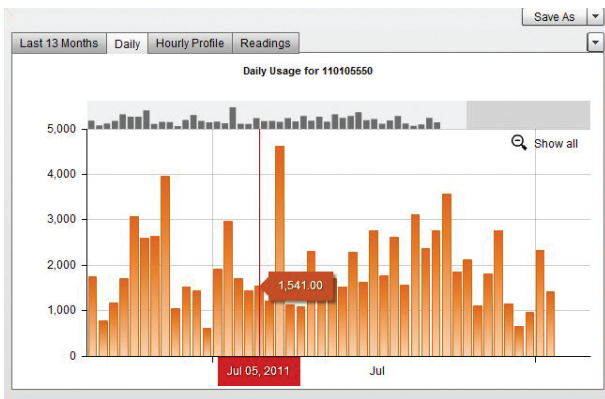
Customizable Reporting Engine

The ARB N_SIGHT AMI software has an embedded, open source, customizable reporting engine which assists with creating new reports without the need for an update to the software version. The software also provides an array of pre-designed reports such as residential leak detection, distribution line leak detection, district metering, and reverse flow events.

Priority Alarm Notification

ARB N_SIGHT AMI software features a priority alarm functionality allowing key system critical alarms (such as E-Coder 24-hour continuous leak and major and minor reverse flow event) to immediately communicate through the system for near real-time email notification of proper utility personnel. This priority alarm functionality supports conservation, Non-Revenue Water, emergency response, and public safety initiatives.

There are several fixed network AMR/AMI system architectures to choose from today, but there is only one choice in fixed network software that delivers the information you need, when you need it, and where you need it. ARB N_SIGHT AMI, offering the highest-value data and lowest cost of ownership.



ARB N_SIGHT AMI software provides graphical information for monthly, daily, and hourly consumption. The above graphs are equipped with a cursor hover control that shows the date and consumption value for the selected bar on the graph.

SERVER SPECIFICATIONS

# of Services	0-10,000	10,000-50,000	50,000-100,000
Operating System	Server 2008 R2	Server 2008 R2	Server 2008 R2
Processor	Xeon X56xx Series	2x Xeon X56xx Series (min)	2x Xeon X74xx Series (min)
Ram	16 GB	32 GB	64 GB
Hard Drive Size (Total)	1000 GB (1 TB)	2000 GB (2 TB)	6000 GB (6 TB)
OS (Partitioned)	100 GB	100 GB	100 GB
Database/Backups	900 GB	1900 GB	5900 GB
Hard Drive Type	RAID 5 (Rec. RAID 10)	RAID 5 (15 k RPM) (Rec. RAID 10)	RAID 5 (15 k RPM) (Rec. RAID 10)
Network Adapter	Yes -gigabit	Yes -gigabit	Yes -gigabit
Power Supply	Redundant	Redundant	Redundant
DVD Rom Drive	Yes	Yes	Yes

SINGLE-USER PC SPECIFICATIONS

Single-User PCs must meet the following minimum requirements:

- Windows 2000® Professional/Windows XP® Professional/Windows 7 Professional 64/32 bit
- Intel® Core™ 2 Duo 2-gigahertz (GHz) processor or faster
- Minimum 2 GB of RAM (4 GB is recommended)
- At least 1.5 GB of available space on the hard disk
- CD-ROM or DVD-ROM drive
- Minimal 1 USB port
- Keyboard and a Microsoft mouse or some other compatible pointing device
- Video adapter and monitor with Super VGA (1024 X 768) or higher resolution
- 56 kilobits per second (Kbps) or higher-speed modem
- Network adapter appropriate for the type of local-area, wide-area, wireless or home network you wish to connect to, and access to an appropriate network infrastructure; access to third-party networks may require additional charges
- IE8 and Firefox browsers supported

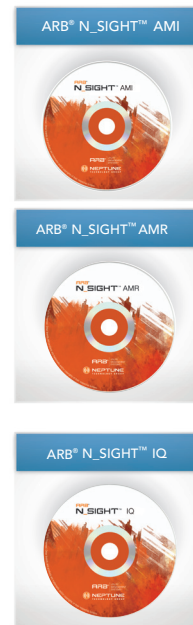
**Encoder Registers
And RF AMR Endpoints**



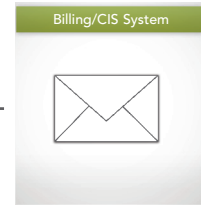
Field Data Collection Hardware



Host Management Software



Billing/CIS System



Neptune engages in ongoing research and development to improve and enhance its products. Therefore, Neptune reserves the right to change product or system specifications without notice.

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