EverBlu is suitable for reading meters in urban... ... or rural environments.

1. Field equipment: EverBlu is suitable for reading meters in urban... ... or rural environments.

2. EverBlu Collectors receive data transmitted daily by the surrounding meters. This data is stored and transferred daily to EverBlu Access Point either directly or using other collectors as relays.

3. EverBlu Access Point, installed at a central location of each district, is the core of the wireless mesh network. It collects meter data, stores them and transmits them to the utility FTP server at a preset time (typically on a daily basis) using GPRS communication.

4. FTP server archives data.

5. EverBlu Host software is the main element that pilots the EverBlu data collection system from the utility side. Daily data are automatically downloaded from the FTP server for use by operators or for exportation to application systems.

6. Alerts related to meter blocks, abnormal consumptions, abnormal network usage and in-home leakages are reported to the customer service and network management departments for immediate action.

7. Data is automatically filtered and exported to the billing system or data center.

8. A customer care application can be used to combine billing and consumption information on the utility web portal.

9. In case of customer claims, customer service operators can visualize detailed consumption information and launch on-request water meter reads.

10. Operators from the Network management department can quickly calculate network efficiency indicators or forecast water demand.
EverBlu helps manage the delivery of water by monitoring distribution system integrity. With EverBlu, water providers are able to:

» Reduce non-revenue water losses by proactively detecting system leaks
» Minimize liability exposure and repair costs caused by system leaks
» Better manage distribution assets for right-sizing and failure warnings with interval meter data and advanced engineering studies

EverBlu helps optimize customer service tasks. With EverBlu, water providers can:

» Provide customer service representatives with real-time bill dispute resolution using historical data and on-request meter reads from the field
» Provide greater revenue assurance with accurate consumption reads and early detection of tampering, blocked meters or abnormal consumptions
» Increase efficiency by reducing field operations to collect meter reads on periodic routes, re-read attempts and move-in/move-out events

EverBlu enhances customer satisfaction. With EverBlu, water providers can:

» Proactively notify customers of in-home leaks to avert subsequent high bill issues and reduce water losses with 24/7 in-home leak detection
» Provide large customers with detailed consumption information to comply with their environmental protection objectives
» Increase customers privacy by reducing interventions on their premises

EverBlu supports new and future regulator requirements. With EverBlu, water providers are able to:

» Periodically provide consolidated consumption information and Key Performance Indicators of network efficiency calculated from actual measured values
» Regularly generate bills based only on actual meter readings and not from estimates
» Propose direct management of household customers located in collective buildings by collecting mass meter readings using existing work force

EverBlu helps control the flow of water by influencing customer consumption behavior. With EverBlu, water providers can:

» Manage conservation programs by monitoring compliance and gauging a program’s overall effectiveness
» Influence consumer behavior by increasing their understanding of consumption and encourage their participation in conservation programs with web presentation of usage information Limit exposure to high electricity rates by reducing water demand flow and associated pumping requirements during energy peak pricing periods

At Itron, we’re dedicated to delivering end-to-end smart grid and smart distribution solutions to electric, gas and water utilities around the globe. Our company is the world’s leading provider of smart metering, data collection and utility software systems, with over 8,000 utilities worldwide relying on our technology to optimize the delivery and use of energy and water.

To realize your smarter energy and water future, start here: www.itron.com

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Realizing the challenges that our customers face, Itron developed EverBlu, a sophisticated metering and monitoring technology. EverBlu empowers providers to oversee and manage the delivery and usage of resources more effectively and efficiently than ever before.