

Wireless Data Collection

Multi-tenant energy
monitoring and data
collection with the
VerifEye™ Wireless
AMR System

Strategies for data collection from energy and water submeters in residential multi-tenant applications with the VerifEye™ Wireless Automated Meter Reading (AMR) System

Ratio or allocation-based utility billing leaves much to be desired from the standpoint of fairness with tenants and provides little incentive for energy conservation. Submetering is the only accurate and sustainable way to manage ever-growing utility costs in multi-tenant developments.

The VerifEye Wireless AMR System for submetering provides an efficient and cost effective platform for the capture of energy and water usage data in multi-unit properties to insure accurate and fair tenant billing practices.

CHALLENGE

Residential Multi-Dwelling Unit (MDU) property manager desires submetering retrofit for energy allocation and billing for individual tenants.

- Property owner allocates energy usage for each tenant by square footage or number of bedrooms
- Tenant billing is inefficient and uneven
- A full utility level renovation for meters is cost prohibitive
- A cost-effective unit level submetering system installation is the only reasonable solution for accurate cost allocation among tenants

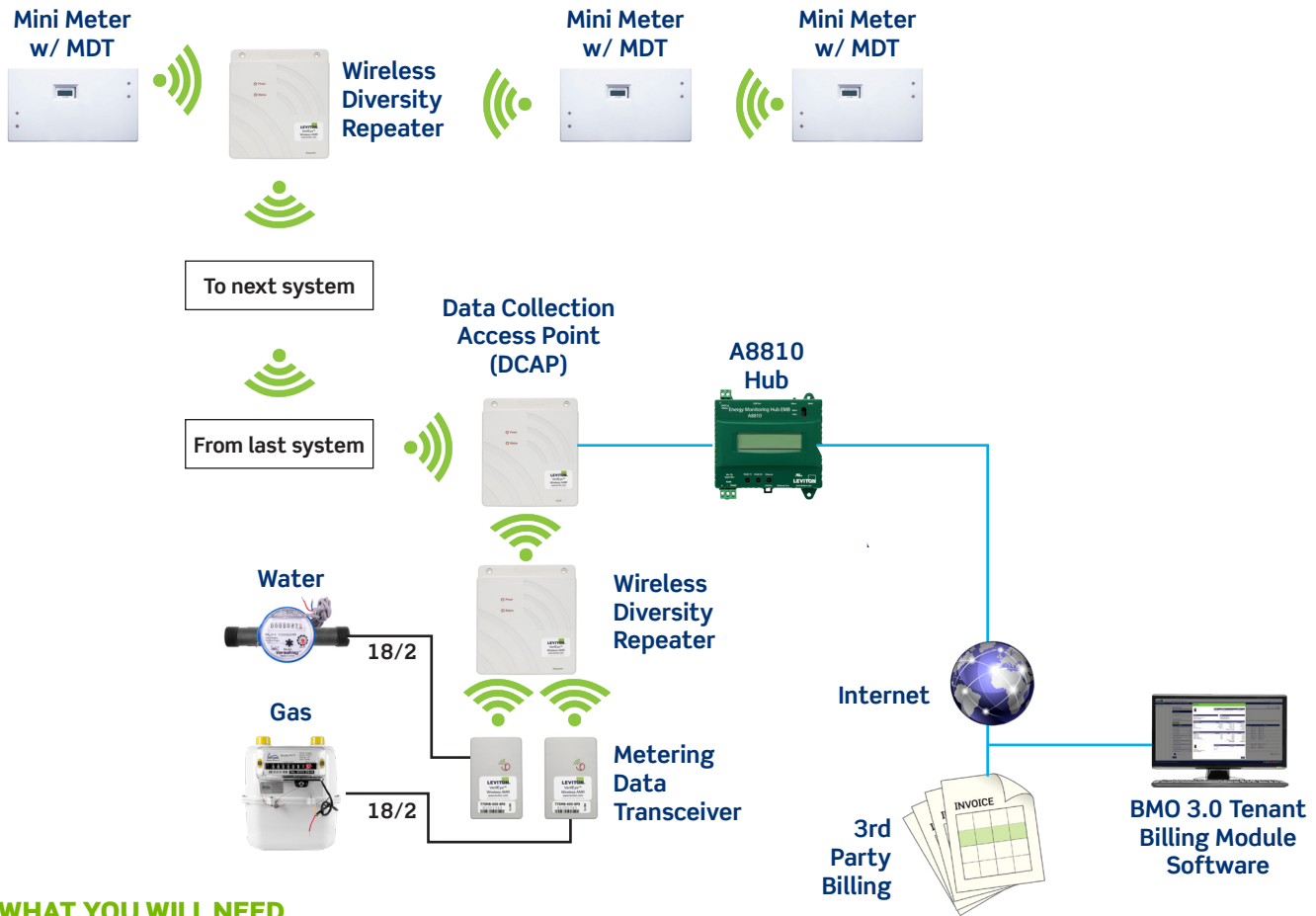
SOLUTION

VerifEye Wireless Automated Meter Reading System offers a tenant metering solution with wireless communication that is ideally suited to retrofit MDU applications.

- Equitable unit/common area cost allocation and accurate tenant billing eliminates the burden of rising expenses
- Easy-to-retrofit and robust wireless communication system with small footprint
- VerifEye Building Manager Online (BMO) 3.0 Tenant Billing Module Software collects energy and water meter data and prepares invoices for tenant
- This fully scalable system allows for expansion for new buildings or added utilities and is a standard among 3rd party service providers



VERIFEYE WIRELESS AUTOMATED METER READING SYSTEM — RESIDENTIAL MDU



WHAT YOU WILL NEED

VERIFEYE WIRELESS AUTOMATED METER READING SYSTEM—RESIDENTIAL MDU		QTY
	Mini Meter MK240-1SW Track and allocate energy usage costs to multiple tenants and recoup energy expenses	Varies
	EMB HUB A8810-000 Intelligent, flexible data acquisition server	1
	Wireless Diversity Repeater T95RX-000 Provides improved ability to receive distant RF signals	Varies
	Metering Data Transceiver T70MB-xxx Records usage data from a wide variety of energy and water meters	Varies
	Data Concentrating Access Point (DCAP) T70MB-xxx The brains of the system incorporating an embedded micro-computer and integrated radio transceiver	1
	Residential Gas Meter GMP75-201 Versatile for residential measurement and verification applications	Varies
	Residential Water Meter WMC75-PC1 Accurately measures apartment-style submetering applications	Varies
	VeriEye Building Manager Online (BMO) 3.0 Tenant Billing Module Software BMOSW-BIL Collects energy and water meter data and prepares invoices for tenants	1

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LES-G-10396/A20-aja

