



## Long-Range Wireless Metering with the ModHopper

Enable large-scale facility metering  
with a cost-effective solution

### ModHopper Wireless Transceiver

#### BRING MEASUREMENT AND VERIFICATION CAPABILITIES TO EXPANSIVE PROJECTS WITHIN BUDGET

Expansive projects, such as sports stadiums, college campuses, industrial facilities and shopping malls, pose unique submetering challenges. Traditional installations can require hundreds of feet of wire, with prohibitive material and labor costs. Eliminate the need for costly wiring throughout a large facility with a wireless metering solution. The VerifEye™ ModHopper Wireless Meter Transceiver provides a self-optimizing wireless mesh network between multiple meters, which provides a full submetering solution at a fraction of the traditional cost.

#### PROBLEM

Expansive commercial facility building desires a full submetering solution that will remain within budget.

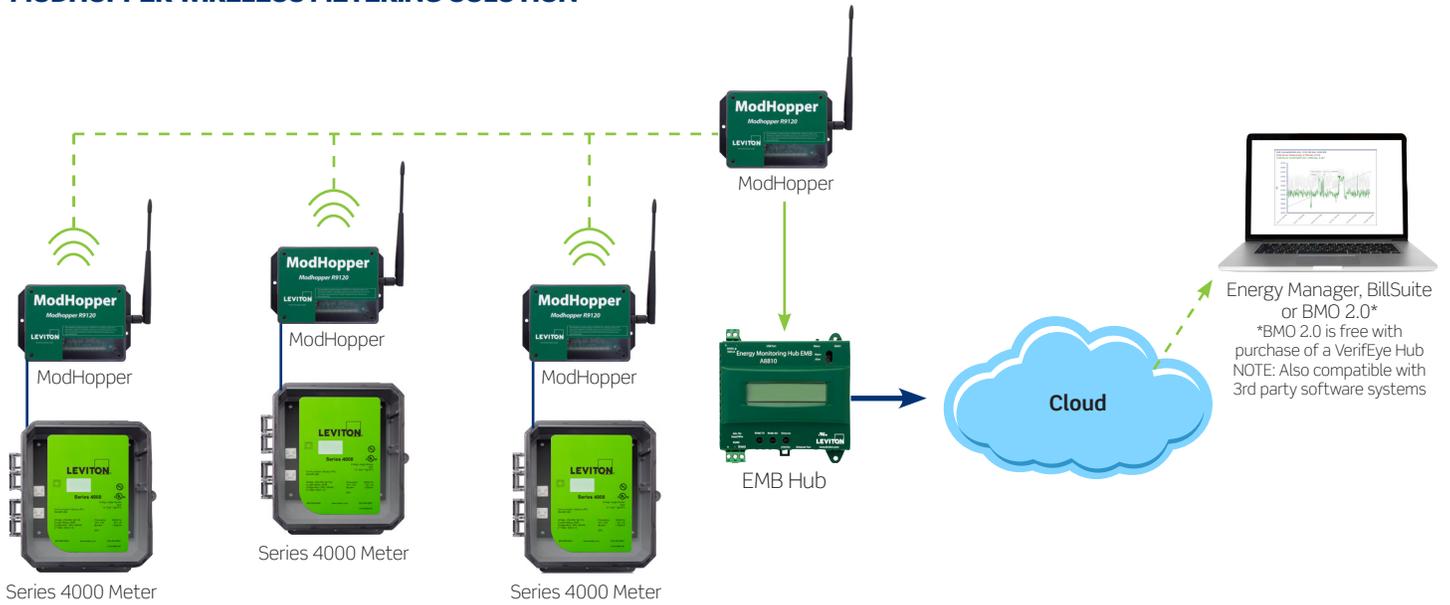
- Facility must install meters in multiple locations to achieve energy information goals
- Transmitting meter data via traditional hardware communication solutions would require thousands of feet of costly wire, piping and extensive installation time
- Due to the large scale of the building, the submetering solution must require minimal maintenance needs

#### SOLUTION

ModHopper leverages mesh networking to provide a flexible, self-healing wireless communication network to gather data from meters located throughout the facility.

- Transmits data from each meter wirelessly across a mesh network to an EMH Hub, which communicates the data to software for reporting, analysis and tenant billing
- Eliminates the need for additional wires, piping and labor, dramatically reducing material and installation costs
- Self-healing wireless mesh network is easy to troubleshoot and change or expand, making it an exceptionally flexible, scalable option
- Works with any pulse or ModBus RTU meter for increased flexibility

## MODHOPPER WIRELESS METERING SOLUTION



## WHAT YOU WILL NEED

MODHOPPER WIRELESS METERING SOLUTION		QTY.
	<b>Series 4000 Meter   4KUMR-xxx*</b> <ul style="list-style-type: none"> <li>Revenue-grade three phase industrial-grade meter</li> <li>NOTE: Available in multiple voltages and enclosures; refer to data sheet for ordering information</li> </ul>	3
	<b>ModHopper   R9120-500</b> <ul style="list-style-type: none"> <li>Wireless meter transceiver provides a self-optimizing wireless mesh network</li> </ul>	4
	<b>EMB Hub   A8810-000</b> <ul style="list-style-type: none"> <li>Pushes ModBus data to the web for viewing</li> <li>NOTE: BMO 2.0 software is available FREE with the purchase of any VerifEye hub; visit <a href="http://Leviton.com/verifeyesoftware">Leviton.com/verifeyesoftware</a> for more information</li> </ul>	1
	<b>VerifEye Software Solution OR Third Party Software</b> <ul style="list-style-type: none"> <li>Visit <a href="http://www.leviton.com/verifeyesoftware">www.leviton.com/verifeyesoftware</a> for information on available programs</li> </ul>	1

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