

Wireless Technology Opportunities in the Water and Wastewater Sectors

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FORMAT

30-minute presentation

KEYWORDS

Wireless, SCADA, Plant Upgrades, Lessons Learned

ABSTRACT

This presentation will provide information on wireless solutions in the water industry that improve the management of assets and operations through more effective monitoring and control with reliable and secure wireless.

Three different types of applications that demonstrate wireless solutions used in the water / waste water industry will be discussed: 1.) A water district needs to upgrade their infrastructure to include modern SCADA monitoring and control capabilities due to cost/reliability issues. 2.) A large metropolitan city needs critical real-time monitoring of a public water / wastewater system over long distances. 3.) A local authority wants an on-line monitoring system for failure alarms on pump stations.

Wireless products used in these applications include serial data wireless modems, industrial wireless Ethernet radios / switches, Network Management Software, and industrial wireless I/O units. These deployments result in cost savings and critical monitoring solutions.

About the Author



Riz Amanullah is the Product Manager for Cooper Bussmann Wireless. He has over 8 years of experience at three Fortune 500 companies working in M&A, Treasury, FP&A, Product Design, Project Management and Engineering. He has held various corporate positions with Cooper since joining the company. Prior to joining Cooper, Riz was in the Wireless Industry where he held a series of assignments in Engineering, Project Management, and Finance. He holds a BE degree from Vanderbilt University, Electrical Engineering and Mathematics, and an MBA degree from the Jones Business School at Rice University. Riz is responsible for teaming up with the marketing, sales, and engineering teams of Cooper Bussmann Wireless to provide a holistic approach to product management. Additionally, he has a focus on growing their presence in new markets globally.