

ABSTRACT – 30 minute presentation

Technical Session “508: ISA Alarm Management for Operators”

Highlights of the 2015 ISA water/wastewater and automatic controls symposium” at WEFTEC 2015 – Chicago, Illinois

Achieving Operator Buy-In of High Performance Graphics

Lessons learned in Lynchburg, VA

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ABSTRACT

The design methodology known as “High Performance Graphics” or “High Performance HMI” is making a strong push into the water/wastewater sector. And with good reason! Stagnating budgets, manpower struggles, and tightening regulations have plants on the lookout for ways to improve operational efficiency, awareness, and reaction in a cost effective manner. High Performance Graphic design answers these challenges and has engineers, automators, and integrators taking notice.

Yet how do the innovators of automation sell change to an industry traditionally slow to adopt and adverse to new things? This presentation highlights the conversion of a Virginia wastewater SCADA system to High Performance Graphics, from concept through deployment, with a focus on how we achieved operator buy-in. The intent is to provide others a framework to progress their own High Performance upgrades, built upon our lessons learned.

ABOUT THE AUTHORS



Jason Hamlin is the sole member of Lynchburg Wastewater’s Operations Technology group, Jason enjoys creative freedom to explore, test, and enhance the systems in his care. Coupled with a passion for cutting-edge and continual improvement, his enthusiasm for technology is curbed only by his budget. Contact: jason.hamlin@lynchburgva.gov.



Carter Farley, PE as Director of Engineering for InstruLogic Corporation, Carter is daily focused on owner education and building a positive user experience through the design and implementation of new and upgraded SCADA systems.