



System Platform vs. Competition

“I have found System Platform to have the potential to significantly reduce development and maintenance efforts when compared to other HMI packages.” - Michael Graeber, Black & Veatch

To manage and improve operations, industrial companies need efficient development of software applications. Acting as the industry operating system to support applications, System Platform provides many advantages to improve operations over traditional “point solutions”, including development, deployment, maintenance, and security associated with multiple applications running at multiple sites; thus significantly reducing the burden of IT. We asked Michael Graeber, with Black & Veatch, why he feels that the development of Wonderware System Platform takes less time to develop than the competition.

Q: Are there specific features or functions of Wonderware that make it easier/faster in developing?

- A:**
- a. Object oriented design with parent child relationships
 - b. Historical archiving done at object level with one click
 - c. Embedded graphics in objects
 - d. Elimination of a tag database
 - e. Embedded .NET scripting in both object and graphics
 - f. Naming conventions allow auto scripting of PLC tag addresses
 - g. Higher ease of maintenance
 - h. One Click redundant servers setup.
 - i. Checkout/Checkin features allows better system for multiple developers on one server
 - j. Security configuration for developers allows hierarchy or programmer roles and responsibilities.

Q: Are there specific differences in the runtime experience for users of Wonderware vs. other HMI and SCADA technology?

- A:**
- a. Better trending and historical data retrieval capabilities
 - b. Better out of the box graphics

Q: What else would you like to share about your experiences with Wonderware?

- A:**
- a. Knowledgeable customer support
 - b. Up to date with current technology and trends
 - c. Easily integrated with other products like Workflow and MES.
 - d. Wonderware’s developer’s network forum is includes a great group of people willing to help and pushing the envelope.

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You don't need to look very far to find Black & Veatch involvement and commitment in industries such as energy, water, telecommunications, federal, and management consulting. Since 1915, Black & Veatch has offered solutions that have dramatic cost and performance benefits for their clients. Michael Graeber, Electrical Engineer and Control Systems Integrator for Black & Veatch, has over 12 years of experience in Control Systems Support. His project experience includes programming algorithms for filtration, chemical injection, dewatering solids, effluent pumping station, process control of raw water pump station and much more. [Learn more about Wonderware System Platform](#)



Logic, Inc.

Main (913)764-4400

Fax (913)764-2828

sales@logic-control.com

www.logic-control.com

