HORNER AUTOMATION GROUP

WEBMI IN THE FIELD

MUNICIPAL AUTOMATION AND CONTROL

Case Study

web OCS

THINKING BIG

In rural Nebraska, drinking water generally comes from small wells and small municipalities struggle with limited resources to keep up, requiring them to look to outside contractors for help.

"We primarily deal with smaller municipalities, so they don't have as many operators on the payroll," said Amos Burkey of Municipal Automation and Control. "**A lot of the projects are wanting to have remote access for their operators.**"

Municipal Automation and Control has been one of the companies testing out Horner's new WebMI as a solution for remote monitoring and control of the Horner OCS line of products. The company was established in 2002 and specializes in controls for water and wastewater throughout Nebraska and Kansas.

PROVEN TRACK RECORD

Burkey said Municipal Automation and Control has used Horner products for about 10 years and is testing WebMI on a job that involves drinking water wells.

WebMI brings the functionality of the onsite Horner OCS directly to a PC or mobile device and works by using the microSD card in the OCS as the web server. In other words, the web site files and graphics are converted to SVG files and then transferred to the microSD card as HTML5 code. And all of this is done from within the Horner Cscape software.

The current method of remote access to water wells and wastewater systems has been complex, requiring a system of a host PC, special remote software, a host controller and various apps.

"That adds a whole lot more parts that could break in the process," Burkey said. "**With WebMI right on the master controller, it's much more efficient. Overall, really it's just a better value.**"

Municipal Automation and Control also takes advantage of the level-access allowed in the Horner Cscape software. This allows a list of users to be created and configured with their associated passwords and access levels.

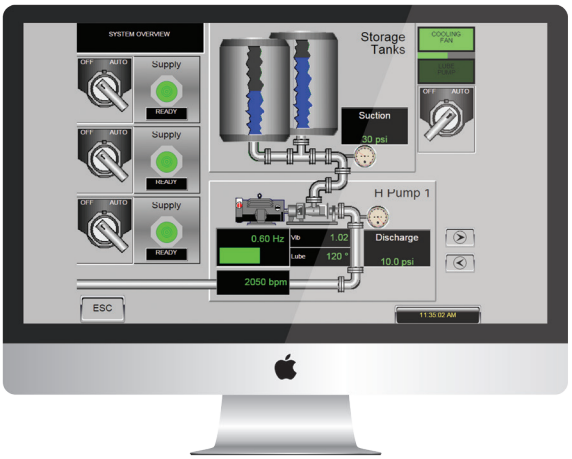
REFRESHING BENEFITS

Graphics objects on the user screens can also be configured to have an associated access level. This level will determine which users can interact with this screen object, based on their own access level. For example, if a touch button is configured to have a user access level of 4, only OCS users that have logged in as a user with access level 4 or higher can select this button object.

Burkey said some operators may only have the ability to monitor controllers in the field, but not make changes, a second tier has the ability to start and stop some processes, and a supervisor level has full control.

WebMI fully integrates with Municipal Automation and Control's current and future Horner solutions, and anything similar just wasn't as easy to use.

"Often times it's way, way more expensive," Burkey said. "**All in, for us this is really the best option available...**"



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