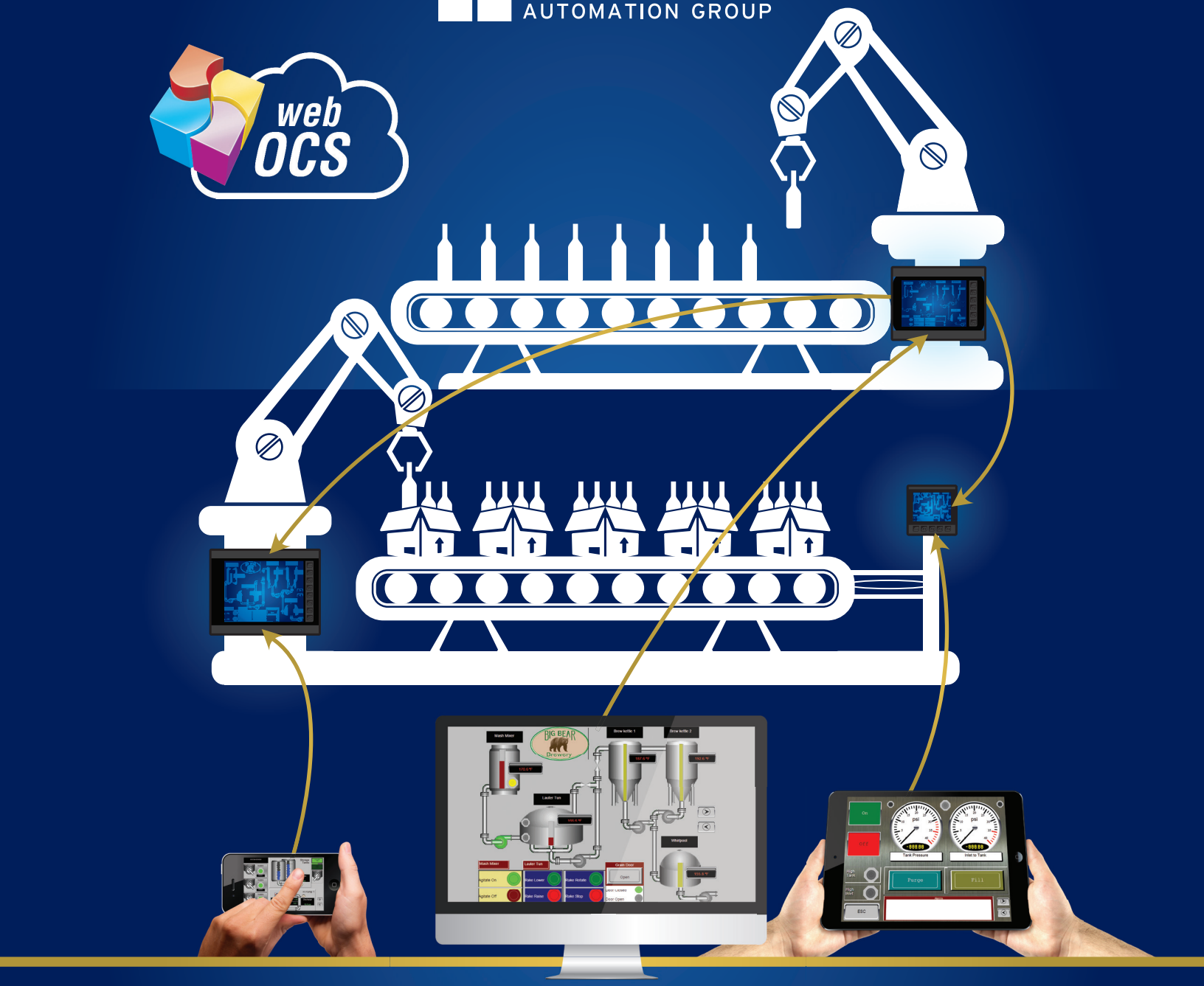
HORNER AUTOMATION GROUP

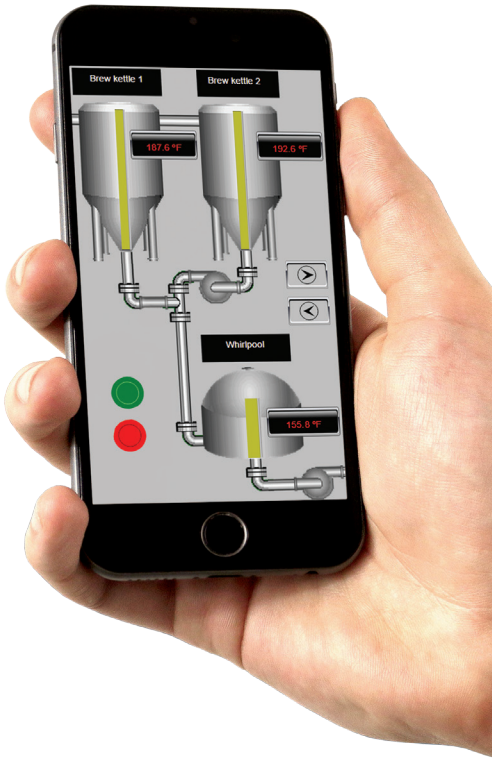


WEBMI OVERVIEW

White Paper

VIRTUAL REMOTE CONTROL

The Horner name is synonymous with automation controllers with a built-in operator interface and I/O, but now Horner Automation also provides software that allows customers to remotely monitor and control machines. With our SaaS (Software as a Service) feature, WebMI, we introduce customers to a simple, cost effective way to develop scalable vector graphics (SVG)-based HMI screens and HTML5-based web publishing software. Customers will be able to do it all on their own, from within our proven Cscape environment.



Within our proven programming environment, Cscape, WebMI quickly connects users to their automated applications, and customers have the ability to remotely monitor and control easier and faster than ever before using whatever device you choose. Through your phone, computer, or tablet, WebMI provides the necessary insights to grow and improve customers' businesses.

WebMI provides a remote gateway directly to many of the Horner controller products. Simply by providing a network connection from the controller, the user can choose to publish the screens that have been developed on the controller, or they can develop independent screens to be published. The controller acts as the Web Server, so no additional expensive computer hardware or software is required to make this remote monitoring and control possible, all of this can be done from the palm of your hand. To do that seamlessly, we have incorporated high-level security algorithms like: 128 bit SSL encryption, industry standard encryption as well as the ability to work within their existing IT structure, ensuring continued uptime at all times.

HOW DOES WEBMI WORK?

WebMI works by using the microSD card in conjunction with the OCS web server. In other words, the web site files and graphics are hosted on the SD card in the controller, while the controller itself does the publishing.

A Cscape application is downloaded to the unit with the program's controller logic and graphics. A second Cscape application is also created for the Web site files and graphics. This is separate from the OCS program and the graphics need not be the same. Our Cscape now has a Web editor built in that is easy to use and doesn't require web development coding knowledge.

The Web page files are published or copied directly from Cscape to the SD card in the controller. Once the web page files have been successfully transferred to the SD card in the controller, the interface can be remotely viewed from any PC, or wireless device, connected to the same local network.

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THE WEBMI DIFFERENCE

Before WebMI, customers had to piece together overly complex and expensive SCADA systems to deliver the ability to monitor and control systems through the internet. In addition to the initial, sometimes substantial investment in SCADA software, traditional SCADA systems also may require sophisticated PC/server hardware to house the multiple software layers. Plant floor applications require standard hardware to be enclosed within industrially hardened enclosures or expensive application specific hardware may also be necessary; both of these options may also cause the need for climate control options as well.

Additionally, the required hardware for SCADA often times demands experienced IT professionals for initial configuration, commissioning and day to day support. And the life cycle of PC/server hardware is unpredictable, with BIOS changes and operating system migrations happening constantly.

Now with WebMI, this process is simple, secure and less costly. Horner has created a system that turns each Horner controller into a web host, allowing customers to access the unit directly online from whatever device they choose. The web hosting software is located in the unit's microSD card, which can also be used to log any data a customer needs to make their business more efficient and successful. Each unit can share new insights into the inner workings of your process, and they all communicate with each other.

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