

## Adding Efficiencies and Needed Support with SCADA Upgrade



*Marshall, Michigan had an aging SCADA system for their Wastewater Treatment Plant. They not only needed to replace the system, but also needed support.*

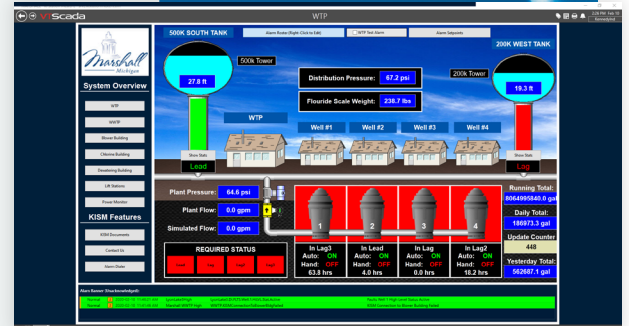
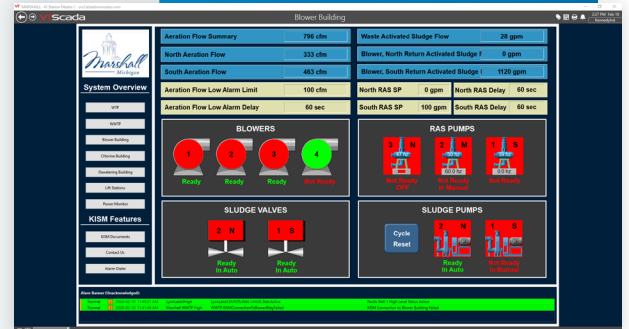
### PROBLEM:

Marshall was frustrated with how their SCADA system and their four onsite HMIs ran different software packages, the total of which required excessive maintenance. They were also frustrated with the limited radio communication options the software had for their remote sites. Without proper support to their existing SCADA software, the system was open to cyberattacks. The software was outdated and lacked useful state-of-the-art features. Marshall was still relying on a hard copy notebook for operations, which was impossible to manage consistently. Their existing software did little to provide needed alarm notifications or offer other essential data to learn about operational issues.

### SOLUTION:

Kennedy's Control Group proposed VTScada software and four touchscreen computers for each of their HMI locations. It provided Marshall with a single software package, which reduces maintenance and costs. Kennedy replaced the radio system by providing access to KISM's private cellular network (through Verizon) and even integrated some of Marshall's new onsite fiber network. Kennedy's regular maintenance of their onsite SCADA software protects the system from cyberattacks and includes upgrades with the latest SCADA features. The old notebook was replaced with an electronic one within the VTScada software. It automatically logs the date, timestamp, and user account for any notebook entry, and is encrypted to assure accuracy and security. The new KISM system even provides full alarm notification functionality.

*Marshall now has a customizable SCADA software that meets all their needs.*



KISM can be configured to send email notifications, text messages and phone calls based on a callout roster list.

Kennedy automatically performs offsite backups and provides a 24/7 SCADA support team.