# The intelliVessel™

Introducing the next generation in "Smart Tank" technology.





Are your current process vessels OLD SCHOOL? If so, you're definitely not alone. There has been a need for an intelligent SMART TANK in the industry for some time and there has never been a solution...

Until now. The next generation in Smart Tank technology has arrived in the development of the "intelliVessel<sup>TM</sup>". You can now control your vessel's operation with virtually limitless parameters from the vessel's integrated touch screen PLC or even your smart phone or tablet all from the vessel or your home office. It's that easy.

### OLD SCHOOL

## **NEW SCHOOL**





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# The intelliVessel™

#### intelliVessel™ Features

- Clean design, only the panel view, E-Stop and power on the outside of the panel.
- Provided with a Compact Logix PLC with Studio 5000 software.
- Panels are UL508A / CSA listed.
- The standard communication system is ethernet, all others are available.
- Integrated WI-FI system control through your smart phone or tablet.
- Touchscreen sizes from 7" to 14" (Standard is 12")
- Provides (3) levels of security with different logins.
- Badge scanning for access.
- Remote mobility and monitoring through secure networks.
- Data collection, trending, warnings status, and alarms.
- Ability to set recipes through the system.
- AOI (Allows the end user to control the vessel with their control system).
- The intelliVessel<sup>™</sup> panel can be integrated into any size of vessel.

#### intelliVessel™ Available Options

- Mixing Controls (Standard)
- Pressure Indication (Standard)
- Temperature Indication (Standard)
- Light Operations (Standard)
- Emergency Shutdown / E-Stop (Standard)
- pH Indication
- DO Indication
- Conductivity Indication
- Radar Level Sensor Monitoring
- Load Cell Operation & Monitoring
- Automated Head Lift Operations

- Data Collection / Chart Recording
- Pressure Relief Burst Indication
- Rupture Disk Burst Indication

Valve Operations

And so much more!





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