

# LEVEL MANAGER PRO

Level Monitor and Control



## Silversmith Level Manager Pro



The Level Manager Pro allows an operator total control over his tank battery. The Level Manager Pro can monitor and control up to 16 Electrolab single- and dual-float sensors, as well as up to 200+ Modbus RTU- or Hart-compatible sensors (radar, guided wave radar, ultrasonic, etc.) and uses this data to control pumps, valves, and other necessary process equipment via an almost unlimited number of I/O's.

Easy to use operator interface allows users to configure and adjust control set points and thresholds without process interruption. In addition to tank level measurement, the controller can process analog signals - from pressures and temperature sensors, for example - as well as water and oil flow meter data (coriolis, turbine, ultrasonic, positive displacement, etc.).

### Features:

#### Electrical

- ◇ Input power 110V.
- ◇ 110V AC to 28V AC transformer.
- ◇ 24V (or 12V) DC power supply.

#### Communication

- ◇ RS485/RS232.
- ◇ 9x socket (RS232 and/or 1W 900MHz Spread Spectrum Radio).
- ◇ Ethernet.
- ◇ Modbus RTU, Modbus TCP, Hart, Profibus, and other protocols.

#### Physical

- ◇ Operation Temp: - 4°F (- 20°C) to 140°F (60°C).
- ◇ NEMA 4 Steel enclosure.

All the information on the unit can be viewed on the built-in HMI. All components of this system can be customized and scaled to the users needs. And, because the Level Manager comes equipped with the Silversmith SSIPac communication protocol, the user gets the added benefit of hopping facility data in a direct path to the internet gateway. This can be done along with all other measurement and control devices (Silversmith or Modbus) located close by. The information is ported back to one internet connection, and the result is efficient reporting with speedy invoicing.



### BENEFITS

- ◇ Customizable and scalable to site-specific needs.
- ◇ Ability to monitor and control facility processes via HMI.
- ◇ Easy installation and setup.
- ◇ If your needs are much less, there's a *Basic* Level Manager version available.
- ◇ Modbus connectivity for relative density and coriolis flow data, and all other Modbus-enabled devices on location.
- ◇ Maintain proper tank levels; fluid level and pressure-driven pump and valve control and text/email alarms.
- ◇ Reliable for mission critical data.
- ◇ FM listed Class 1, Div 2 (Electrolab sensors are Class 1, Div 1).

With a background specializing in critical oil field communications, Silversmith is a proven expert with our patented communication structure.

We are committed to staying on the cutting edge of reliable remote communication and data gathering needs.

For more information on Silversmith, Inc., and other products and services:

