The Smart Sluice Gates (SSG) are fully integrated, independent, 100% complete control stations. They can be instantly deployed for reservoir and canal control, check structures, canal turnouts, pipeline control stations, pump station, water treatment facilities, flood control, and industrial applications.

**Shipped complete:** The SSGs ship complete with a programmable actuator and on-board software that easily and accurately manages flow, level, gate position, and equipment operations, while logging and displaying station data. Custom programming is available.

**Cost-effective gate control:** Gate Actuators provide simple, accurate, durable and efficient control for gates and valves. Embedding a “brain” (controller) in a Gate Actuator on a gate built to support it consolidates SCADA control components into a single, easily deployed enclosure. This reduces the complexity of any control station, increasing reliability while decreasing cost.

**Works with any commercial controllers:** Any controller that can drive relays will fit into or integrate with the switch panel on the SSGs. We typically install and program a Rugged Computer RUG3/RTU/Controller with standard control software supported at no cost. Custom software available.

**Ready for solar:** SSGs and Gate Actuators are designed for solar but work equally well with AC.

**Specifications Summary**
- **Gate Type:** Rising or non-rising stem, any size
- **Control Options:** Maintain up or downstream level or flow, adjust gate position and/or control equipment
- **Power-Typ Max Daily:** 12 and 24 VDC. WT-100 4Ah/day; WT-200 6Ah/day; WT-300 9Ah/day
- **Controller I/O:** RUG3 typical 6 analog, 8 digital, 4 digital out (10A relays) 4 analog out, enhanced IO, custom controllers
- **Control Panel:** HOA, local manual up/down, off, auto for remote control telemetry (SCADA)