



Smarter solutions, delivered faster

Making it easy for you to save water, time and money

SMART SPLIT GATES by Watch Technologies



When you need two gates in the same frame – shipped in 4 to 6 weeks

Dual blade, dual action, automated, solar-powered or AC, WT's Smart Split Gate combines the functionality of two separate gates into one: bottom-up discharge flow control, debris sluicing, and automatic emergency dump, and top-down surface control and/or measuring weir. Easily deployed and programmed, cost efficient, reliable. Debris control made easy.

Applications: In-canal check structures (level control, measurement, debris control), side-of-canal applications (level, debris sluicing, flood-control, emergency dump), reservoir and snow melt ponds (discharge and level control, debris sluicing) to name some of many applications.

Cost-effective control: WT Gate Actuators provide programmable, simple, accurate, durable, and efficient control for WT Smart Split Gate and standard WT Sluice Gates. Embedding a "brain" (controller) in a WT Gate Actuator on a gate built to support it consolidates SCADA control components into a single, easily deployed enclosure reducing the complexity of any control station, increasing reliability, and decreasing cost.

Works with ALL commercial controllers: Any controller that has digital outputs (relays) will fit into or integrate with the switch panel on WT Smart Sluice Gates, standard or Split-Gate. WT typically installs and programs a Rugid Computer RUG3 RT/Controller for default control applications (flow, level, position, etc.). Custom software or installing a controller of choice is always an option.

Telemetry and SCADA: Convert stand-alone to SCADA node by installing a communication link (RF, cellular, Satellite).

Instant fit with all Watch Technologies' integrated products: WT is the ONLY U.S. company that designs and manufactures innovative sluice gates, actuators, and SCADA systems that **all link together seamlessly and cost efficiently** - no system integration required.

WTSmart Split Gate - Patent Pending

Specifications Summary

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



WT Smart Split Gate with
WT-100 Actuator

