

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

## SMART SPLIT GATE

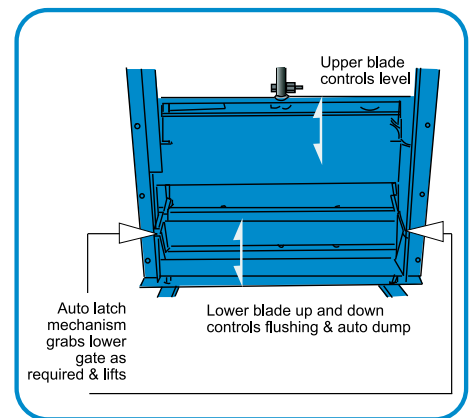


The dual blade, dual action, automated, solar-powered Smart Split-Gate from Watch Technologies combines features of two separate gates into one: bottom up flow control and top-down surface level control. The concept for the Gate emerged as a result of a combined flood control water distribution ditch problem that could only be solved by combining the functions of two styles of sluice gate. WT took this as a design challenge and ended up not only solving a big flood control problem but created a new and useful product to manufacture. Of course, adding “brains” to the system made it all possible.

Watch Technologies’ line of RTUs (Remote Terminal Unit) now includes the low-cost WiSI (Wireless Sensor Interface). The top blade operates independent of the bottom blade and lowers to capture the bottom blade raising it as necessary to discharge flow.

The Smart Split-Gate can be programmed to perform a wide variety of functions automatically or manually, and works well in a SCADA environment.

It is perfect for side-of-canal or in-canal discharge and check structures, particularly appropriate to control canal levels, provide emergency dumping in case of a canal failure, isolate canal sections automatically, manage sediment buildup, and controlled, automated, monitored turn-out flow. The gate can be made in any size, current installations range from 30” to 11’ height, 30” to 6’ in width; all the gates are custom-manufactured using materials best suited to the application —typically aluminum or steel frames and stainless steel blades.



- FEATURES**
- Fully integrated ready to install automated dual-action gate; Gate, RTU, position and status sensors, customized software, shipped complete
  - Robust Construction – forever UHMW guides
  - Autonomous or remote SCADA control – many communication options available
  - Custom built for any opening
  - Solar Powered
  - Easily operated and maintained by non-technical staff
  - Installation services as needed

Application and operations examples at [www.watchtechnologies.com](http://www.watchtechnologies.com)