Industrial supplier eliminates system failure with an effective knife gate valve package

RESULTS
• The customer was able to solve an expensive maintenance issue by transitioning to the TopWorx™ GO™ Switch.
• Eliminated wear and tear that caused system failure.

APPLICATION
Pulp and Paper

CHALLENGE
With 330 knife gate valves (KGV) spread across a large paper manufacturing facility, the customer was experiencing valve failures and high maintenance costs related to the use of a low-cost proximity switches. Many of the failed switches were located in difficult-to-reach, harsh locations, creating ongoing maintenance headaches. The customer turned to Emerson for a higher-performing, longer-lasting switch.

SOLUTION
Emerson provided the TopWorx Series 73 GO Switch, which was added to the modified yoke and actuator designed by the customer to create a package. The Series 73 GO Switch has no external moving parts, eliminating wear and tear that could cause failure. The reliable, maintenance-free design of the switch solves the problem of shutdowns in difficult-to-reach areas.

The customer has now made the Series 73 GO Switch the default part of its knife gate valve package, and has closed a deal with the paper manufacturer to replace all of its existing knife gate valves at a second facility with the intention of using the Series 73 GO Switch as part of this package.

The Emerson logo is a trademark and service mark of Emerson Electric Co. The TopWorx trademark is registered in the U.S and other countries. © 2020 Emerson Electric Co.