

## TEMECULA, CA BASED MANUFACTURER HIRES EMPIRE TECHS FOR EXPLOSION PROOF SURVEILLANCE SYSTEM INSTALL



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"Providing service for an explosion proof surveillance system can be a challenge but our team is dedicated to ensuring we are here and ready for our customers when they need us most."

### CHALLENGE

The manufacture who produces flow controlled valves for a variety of industries was regulated to close some viewing windows for their outdoor test labs in order to meet Class 1 Division 2 Explosion Proof Compliance. Eliminating the viewing windows created a visibility problem for the engineers doing the testing since the engineers were used to looking through a window and monitoring the valve test from multiple angles. Any new solution would not be allowed to interface with the customer existing network for cybersecurity reasons.

### SOLUTIONS

**New Surveillance System-** With customer input ETG Designed and Engineered a new surveillance system consisting of (6) Explosion Proof Pan Tilt Zoom IP Cameras. The design included (2) of them to be installed on a mobile tripod allowing the customer to move them and obtain the exact viewing angle necessary. All cabling and components were installed to meet explosion proof compliance on a new isolated network. ETG went on to install an additional (6) PTZ's at the indoor testing lab. All (12) cameras connected to a total of (4) new servers each providing the ability for redundant recording and control centers with dedicated large screen monitors for customized viewing layouts per the engineers preferences.

**Ongoing Support-** The customer purchased ETG's Total Care Gold Level Support Package which includes unlimited technical support, on site quarterly maintenance and an all inclusive extended warranty for 5 Years. Gold Support basically ensures the customer has no unforeseen costs for the next 5 years.

### RESULT

Today the customer has full visibility of the outdoor and indoor test labs allowing them to continue operations as well as obtain recording of events within the lab. They rely on ETG's support team for all issues that may arise and to ensure the system is always operational.