



**FACTSHEET:**

# FIRE RETICULATION VALVE MONITORING

## WHAT IS IT?

Installing valve monitoring devices across a site is often an impossibility due to the prohibitive costs involved in trenching and hardwiring all of the relevant equipment.

Delta Integrated's wireless Anti-Tamper Valve Monitoring Device (VMD) is a revolutionary advance in today's market.

It continues the trend within the Fire & Safety industry for wireless solutions to be recognised as being a cost effective, reliable and flexible method of communicating critical asset status.

## WHY DO YOU NEED IT?

- Ideal for monitoring a single valve or hundreds across a site.
- Wireless FM3010 approved system can connect with any FM approved devices.
- Instantaneous communication across a vast range of complex industrial environments.
- Replaces the need for routine manual checking of valves.
- Guaranteed 1 year of battery life using the default transmission settings based on FM requirements.

## HOW IT WORKS

- The AMTRON VMD operates on magnetic proximity sensing technology: proven and tried technology that ensures superior reliability and repeatability in operational conditions.
- Well suited to a wide range of applications such as, fire protection systems, fuel processing plants, foam and gas protections and commercial and industrial water supplies.
- The wireless node uses the 2.4 GHz frequency range to connect to the Delta Integrated site controller. The site controller enables connection to either a local fire alarm panel via the Fire Panel Interface (FPI) or a direct internet connection by either the local internet or Cellule modem.
- Two exclusive software applications are available for monitoring: the simple *Webserver* or the comprehensive *Marchwood in Motion* which both provide real time information on the system condition.



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## FEATURES

- Flame retardant, hermetically sealed IP 67 rated unit.
- Suitable for indoor and outdoor applications.
- Monitor a wide range of valves including OS&Y, butterfly, ball, post, indication, non rising spindle and sluice valves.
- 1 km line-of-sight communications.
- Pump control panel monitoring option.
- 2.4Ghz transmission negates concerns regarding transmission compliance.
- Instantaneous alert notifications for fault, supervisory alarm and low battery states.
- AMTRON Anti-Tamper Valve Monitoring Device.
- Two software options are available:
  - *Marchwood in Motion* is exclusive to Delta Integrated. Can be opened in any modern browser and comes with a companion phone app for 'on the move' notifications and updates. An all-inclusive package for monitoring, management and maintenance of single or multiple sites.
  - *Webserver* is a customisable front-end solution perfect for simple information based monitoring systems. It requires no additional hardware or server costs to host as it is stored and run locally from a site controller.

