



# Wireless Monitoring of Valves

Wireless. Easy. Value.



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ELTAV Wireless Monitoring Ltd

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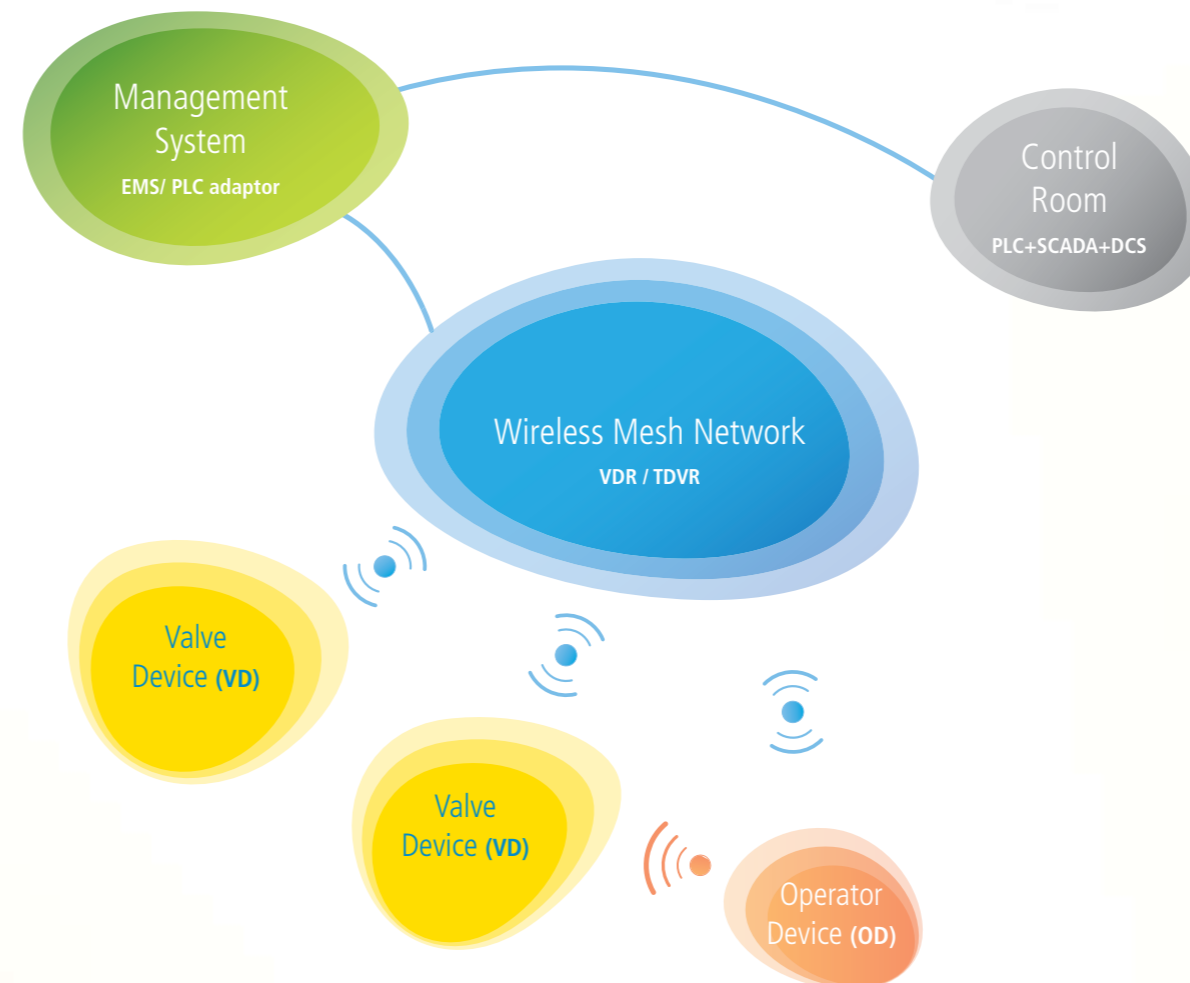
### The Plant

- » Designed for the Process Industry and Utilities
- » For existing plants and new installations
- » Addresses concentrations of valves
- » Certified as Zone 1 Intrinsically-Safe



### The Solution

- » Real time monitoring of valves
- » Full range position and limit indications
- » 5 year battery life
- » Predictive valve failure indications
- » Robust wireless system
- » Redundant mesh network
- » Conforms to industrial standards
- » Fully integrated with all standard automation systems: PLC/DCS/SCADA
- » Easy, non-disruptive and quick implementation on hot lines
- » Fraction of the cost compared to wired alternatives



### The Value

- » Increased yield - reduced risk
- » Comprehensive monitoring added to the plant
- » Preventive valve maintenance
- » Eliminates unnecessary shutdowns
- » Improved safety
- » Enhanced operational efficiencies
- » Improved plant profitability - reduced operational costs
- » Improved accountability with increased automation
- » Smooth implementation
- » Quick ROI

#### VD (Valve Device)

Self powered, position sensor, wireless transmitter



#### VDR/TDVR

Wireless redundant mesh network



#### OD (Operator Device)

Handheld Operator Device for configuration, calibration and field reading of Valve Devices



#### EMS/PLC adaptor

Interfaces to SCADA/PLC/DCS industrial automation systems and network management





## Company Profile

**Eltav Wireless Monitoring Ltd.** offers a revolutionary concept of wireless valve monitoring in the process plant, using the most advanced, safe and reliable wireless technologies.

Low cost Valve Devices (VDs) transmit real time data on the valve position thus enhancing yield and eliminating risks. All for a fraction of the cost.

NOTES:

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