

# STERLING

## ENGINEERING SOLUTIONS

**Email:** Sales@SterlingES.com

**Phone:** 1-888-554-2021

**Fax:** 1-540-375-0924

**Web:** www.SterlingES.com

**Moving information when and where you need it.**

### SCADA – CONTROLS – TELEMETRY – ETHERNET



- Industrial Wireless LAN and Cellular Modems
- Industrial Ethernet Solutions
- Device and Terminal Servers
- Industrial I/O

**New SCADA and wireless solutions now available.**



- Panel Meters
- HMI's
- Message Centers
- Temperature Control



- Ethernet and Serial Modbus I/O
- RTU's for SCADA
- Bluetree Cellular Modems
- Ethernet Switches and Fiber Converters



- 900 MHz FHSS Ethernet/Serial Data Radios
- VHF/UHF Licensed Ethernet Data Radios
- Ethernet and Serial Cellular Modems



- Wireless I/O for discrete and 4-20mA signals
- Wireless data radios for SCADA applications



- SCADA/HMI solutions for small scale to enterprise level systems
- CitectSCADA Reports for compliance, optimization and downtime control



- Distributed Control Systems and PLC's



- TopView Process Alarming Tool communicates with PI and OPC
- TopView Windows can monitor hundreds of tags and send alarm messages through email, pagers and cellular phones.



- Operating panel and PLC integrated into a single, powerful device
- Rugged, affordable alternative for micro to medium size systems



Industrial Video and Control

- PTZ, IR and Thermal Video and Process Monitoring Systems
- Industrial and ActiveX Video

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*Providing complete controls and communications solutions since 1996.  
Sterling Engineering Solutions is a certified Woman-Owned, Small Business.*

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**Complete solutions for measurement, control and data acquisition.**

### Process Measurement – Safety Gas Detection

	<ul style="list-style-type: none"> <li>• Magnetic Flow Meters</li> <li>• Microwave Density Meter</li> </ul>
	<ul style="list-style-type: none"> <li>• High quality standard and custom temperature sensors</li> <li>• Thermocouples &amp; Thermowells</li> <li>• RTD's</li> <li>• Temperature Accessories</li> </ul>
	<ul style="list-style-type: none"> <li>• Freeze Protection</li> <li>• Condensation Prevention</li> <li>• Flow/Viscosity Control</li> <li>• Process Temperature Control</li> </ul>
	<ul style="list-style-type: none"> <li>• Simple to sophisticated, non-contact infrared temperature sensors</li> <li>• Thermal imaging cameras – handheld or fixed placement</li> </ul>
	<ul style="list-style-type: none"> <li>• Flow Measurement</li> <li>• Level Measurement</li> <li>• Pressure Measurement</li> <li>• Temperature Measurement</li> </ul>
	<ul style="list-style-type: none"> <li>• Thermal Gas Mass Flow Meters</li> <li>• Averaging Gas Mass Flow Meters</li> </ul>
	<ul style="list-style-type: none"> <li>• Inline and insertion vortex shedding</li> <li>• Flow Meters for Liquid, Gas, Steam</li> <li>• Deliver Multiple Measurements with a Single Installed Device</li> <li>• Mass Flow, Volume Flow, BTU Flow</li> </ul>
	<ul style="list-style-type: none"> <li>• Ultrasonic Transit Time Flow Meters</li> <li>• Wireless Ultrasonic Flow Meters</li> <li>• Solar Powered Ultrasonic Flow Meters</li> <li>• BTU Meters</li> </ul>
	<ul style="list-style-type: none"> <li>• HY-Optima for Process Hydrogen Analysis</li> <li>• HY-Alerta for Hydrogen Safety Systems</li> </ul>
	<ul style="list-style-type: none"> <li>• Analytical Sensors and Transmitters for:             <ul style="list-style-type: none"> <li>• pH, ORP and DO</li> <li>• Conductivity and Resistivity</li> </ul> </li> </ul>
<p><b>Global Detection Systems</b></p>	<ul style="list-style-type: none"> <li>• Fixed gas detection systems for:             <ul style="list-style-type: none"> <li>• Toxic - Oxygen - Combustibles</li> </ul> </li> </ul>
	<ul style="list-style-type: none"> <li>• Ultrasonic Level Sensors</li> <li>• Submersible Pressure Sensors</li> </ul>
	<ul style="list-style-type: none"> <li>• HVAC Balancing Hoods &amp; Handheld HVAC Test Equipment</li> <li>• IAQ Test Equipment</li> <li>• Combustion Test Equipment</li> </ul>