

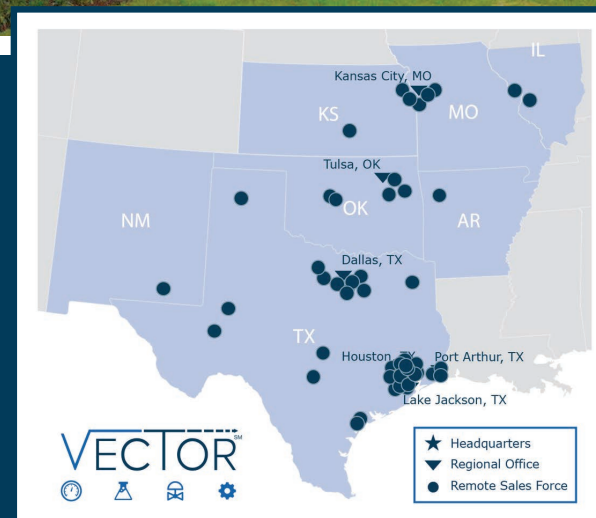


## Valued Partner, Solution Provider

- **Water & Wastewater Solutions**

### Vector Key Facts

- Main facility in the Houston, TX area includes Sales, Business Development, Customer Service, Administrative and Technical Services
- 6 Regional Centers and over 50 Account Managers throughout the territory
- The PTU (Process Training Unit) located in the Houston, TX area, is a fully functional "mini" process plant providing a unique hands on training experience
- As experts in the industry, Vector Technical Services provides the market with more efficient and timely service results
- Provides engineered solutions for a variety of industries including Oil & Gas; Chemical & Petrochemical; Water/Wastewater; Food & Beverage, Life Sciences and Power & Energy



## Vector Controls and Automation Group

800-969-5678

municipalsales@vectorcag.com

vectorcag.com  

Led by experienced trainers currently working in the process industry, Vector University is dedicated to helping customers with most up to date

knowledge to keep their processes running safely, optimally and cost effective. Courses include Basic Instrumentation, Fire and Gas and Advanced Analytics. Full schedule and additional information is available at [www.vectorcag.com](http://www.vectorcag.com).





## Your Valued Partner in Water & Wastewater Solutions

- High-quality solutions capable of increasing plant efficiency and optimizing costs
- Top-of-the-line product portfolio to fit a changing environment and budget
- Technical support and knowledge of the water and waste water industry

## Service Solutions

We offer a large variety of technical service solutions to keep your operations running smoothly and efficiently.

- 24/7 Field Service & Repair
- Off/On-Site Instrument Calibration Services, Start Up & Commissioning
- Consultation & Inspections
- Emergency Service
- Vector Remote Connected Support (VRCS)



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### INSTRUMENTATION & AUTOMATION

#### Endress+Hauser

People for Process Automation



- Flow – Chemicals, Water, Sewage, Air, Biogas, Flume/Weir, Steam
- Level – Tanks, Filters, Lift Stations
- Pressure – Differential, Gauge
- Temperature – Process, Room
- Analytical – pH, ORP, Conductivity, DO, TSS, Turbidity, Chlorine, Nitrate, Others



#### PHENIX CONTACT

- Signal Isolation/Conditioning
- Field/Panel Surge Protection
- Unlicensed Radio
- HART Multiplexer



#### KURZ INSTRUMENTS INC.

- Thermal Mass Flow Meter
  - Wet Gas = Digesters + Flare Lines
  - Dry Gas = Aeration Basin
  - Chlorine/Ammonia/Ozone



#### Trimble Utilities

- System pressure monitoring
- Water hammer monitoring
- Fire flow testing



#### PRECISION DIGITAL

- LED/LCD Displays
- Pump Alternation Control



#### e2S warning signals

- Strobes/Lights
- Horns

### ANALYTICAL / ELECTRICAL



#### Dräger

- Gas and Flame Detection
- Sensors
- Controllers for 1 to over 1500 inputs/outputs
- Customized Gas Sampling Systems



#### scientific A WATTS Brand

- Turbidity Measurement
- Chlorine (Free/Total) Measurement
- Monochloramine/Ammonia Measurement



#### blacklinesafety

- Single-Gas Detector
- Multi-Gas Detector



#### Danfoss

- Low/Medium Voltage Variable Frequency Drives (VFD)
- VFD Enclosure Rating of IP66/NEMA 4X/Class 1 Div. 2
- Soft Starters
- Harmonic Solutions



#### EATON Powering Business Worldwide

- Uninterruptible Power Supply
- By-Pass Switches
- Hot Swappable Options



#### nvent RAYCHEM

- Heat tracing for pipes and tanks
- Control, monitoring & sensing
- Engineering services
- Construction services

### MECHANICAL



#### AV-TEK VALVES THAT EXCEED INDUSTRY STANDARDS

- Double Offset Butterfly Valves for Guaranteed Isolation
- Plunger Valves for Pressure/Flow/Level Control
- Resilient-Seated Globe Check Valve with No Water Loss
- Ball Check Valves
- Air/Vacuum Release Valves



#### ARI Your valve made by ARI® [ari-armaturen.com](http://ari-armaturen.com)

- Globe Control Valves
- Pressure Relief Valves
- Steam Traps



#### SCHUBERT & SALZER

- On/Off Ball Valves with Electric/Pneumatic Actuators
- Sliding Disc Valves for Better Aeration Gas Flow Controls
- Pinch Valves for Better Slurry Flow Controls



#### HAM-LET ADVANCED CONTROL TECHNOLOGY

- Block & Bleed
- 2, 3, 5-Valve Manifold
- Double Block/Double Bleed
- GRP Enclosures/Sunshades



#### WINTERS Since 1953 We're There.

- Pressure Gauges/Switches
- Diaphragm/Annular Seals



#### PLT mag-gage®

- Visual Level Measurement
- Non-Metallic Stilling Chambers
- Non-Metallic Floats