

## UTILITY MANAGEMENT



MacLellan's goal is to increase utility asset value, reduce downtime potential and ultimately reduce or eliminate utility waste.

### Our Mission Statement

We bring people together who share our values and help them discover and achieve their potential.

We are disciplined in the development and use of innovative systems and practices.

We are a driving component in our business partners' competitive advantage.

**MACLELLAN EXPERTISE:** MacLellan manages utilities 365 days a year, 24 hours a day, for a variety of customers in a wide range of industries. Our highly skilled technicians, engineers and managers support the operation and maintenance requirements of facilities so that utilities are available at the specified parameters and lowest cost. MacLellan adopts industrial benchmarks and shares best practices to deliver the best utility management processes.

### BEST PEOPLE, BEST SYSTEMS, BEST RESULTS

MacLellan provides utility management support for market leaders in the automotive, pharmaceutical, heavy equipment, general industrial, electronics and telecommunications industries. We also support utility requirements for customers working in office complexes and research and development centers.

MacLellan manages:

- UPS systems
- Fuel handling systems
- Fire protection systems
- Diesel generator backup power systems
- Compressed air systems
- HVAC systems
- Water and effluent treatment systems
- Steam generation systems
- Electrical power distribution systems  
110 KV – 460 VAC

Our utility management services:

- Ensure continuous utility availability at point of use
- Utilize RCM (Reliability Centered Maintenance) to develop predictive maintenance programs for critical services and understand failure modes
- Monitor utility consumption and develop continuous improvement plans to optimize utility costs
- Schedule and perform preventative maintenance
- Perform emergency maintenance
- Maintain utility quality parameters and track all maintenance functions
- Report system status and future requirements
- Manage inventories and procure consumable materials and spare parts
- Analyze utility requirements to support customer expansion plans



### THE MACLELLAN APPROACH

Manufacturers and businesses depend on reliable utility performance to operate. Identifying and reducing utility waste is one direction companies turn to manage resources and reduce expenses. Our goal as your utility manager is to increase utility asset value, reduce potential downtime and ultimately reduce or eliminate utility waste. MacLellan uses predictive maintenance systems like infrared thermography, ultrasonic leak detection and vibration, oil and water quality analysis. Additionally, we implement FMEA, MTBF, MTTR and TPM concepts and perform breakdown analysis to maximize the uptime of utility systems.

### CONNECTED WORLDWIDE

MacLellan managers around the world are linked through knowledge-sharing technology that allows them to learn from each other and share ideas and best practices. The MacLellan web-based "desktop" allows us to disseminate corporate and industry information, collaborate on major initiatives and discuss, review and brainstorm improvement suggestions. It also offers a portal into the MacLellan Academy, a comprehensive library and learning center offering training courses and resource materials across the organization. It is, in effect, a virtual office environment that enables

our employees and customers to take advantage of innovations and process improvements from MacLellan locations all over the globe.

### YOUR COMPETITIVE ADVANTAGE

MacLellan works in partnership with the companies we serve. From day one, we are committed to understanding your strategic objectives. We align our goals with yours so that as we work together, we become an extension of your organization. We are committed to continuously improving our operations, and thus our service delivery, which ultimately drives your competitive advantage. Because your business is our business, we are the trusted advisor that you turn to for industry knowledge, technological advancements and process efficiencies.



To learn more about how MacLellan can help your business, visit us at [www.MacLellanLive.com](http://www.MacLellanLive.com) or call **1-859-219-5400**.

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