



INDUSTRIAL WATER / WASTEWATER

Break away from inefficiency.



engineering | systems integration | consulting

THE CLEAR SOURCE FOR WATER MANAGEMENT SOLUTIONS

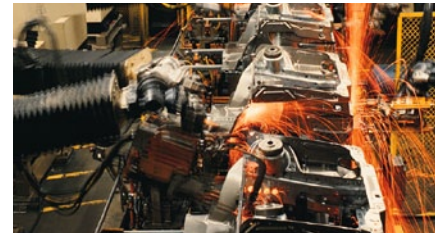
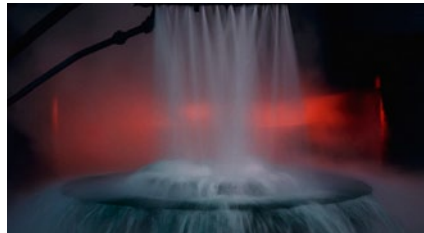
MAVERICK Technologies understands the demands of the industrial marketplace. From high-tech manufacturing, life sciences, and food and beverage, to chemical, power and automotive — if water usage impacts your business, we can help you manage it. Our experience and advanced methodology help you determine your true water costs, and develop a customized plan with a focus on lowering these associated costs.

Because our services are not tied to any particular vendor, you are assured a tailor-made solution that works with the realities of your business — no matter what system you may have in place.

MAVERICK Technologies’ proven process begins with consulting services to determine the realities of your water costs, and follows through with solid, actionable recommendations — and the expertise to help implement them.

This process:

- Raises awareness of your obstacles
- Accurately identifies problems
- Determines the true cost of your in-place system
- Puts scaled, custom systems in place efficiently



MAVERICK’s Focus on ROI

To maximize your ROI, MAVERICK’s process identifies the problems that impact your profitability — and initiates solutions that provide efficient, measurable results.

Problem	A large cereal manufacturer needed to manage costs by replacing a failing, 30-year-old hot lime softener (HLS). Due to shut-down constraints, downtime was a considerable factor.
Solution	MAVERICK evaluated the system and created a design based on reverse osmosis to more effectively handle the client’s manufacturing demands.
Measurable Result: <i>Performance</i>	MAVERICK’s design included a GE Osmonics Pro-100 RO machine, nearly eliminating boiler blow down and accompanying energy waste.
Measurable Result: <i>Efficiency</i>	MAVERICK selected and supplied all required parts for the new installation, optimizing the system and providing a single point of responsibility for the project.
Measurable Result: <i>Speed</i>	Before installation, MAVERICK cost-effectively integrated existing elements into the design, enabling the project team to foresee problems and complete installation within the critical three-week timeframe.

EXPERIENCE WHERE IT MATTERS



Increasing Profitability

The ultimate goal of reducing costs is, of course, maximizing profits. MAVERICK's solutions are focused on this goal, and are designed to help you achieve these efficiencies in a number of key, profit-centric ways.

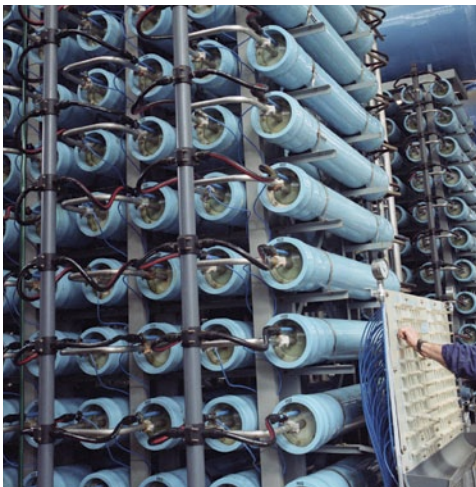
- Reducing operational staff — More reliable plant automation projects that enable cost-efficient reductions in non-critical workforce
- Reusing water — The implementation of closed-loop systems that increase efficiency through the reuse of water
- Eliminating waste — Costly waste is significantly reduced, and even eliminated, through flow detection and control measures
- Minimizing chemical use — Chemical reduction projects that discover alternate and less costly methods to achieve the same results
- Integrating with business systems — Solutions merge seamlessly with your business systems to create immediate efficiencies and long-term value



Citizenship and Conservation

From local, state and government regulations to the concerns of the community, you face increasing pressure to maintain rigorous standards for your water systems and usage. MAVERICK's solutions help you to avoid costly regulatory fines and usage/discharge penalties while contributing to the demand for "green" industry with:

- State, federal and local compliance
- Risk assessment and reduction
- ISO 14001 / 14004 compliance
- Comprehensive reporting
- "Green" systems for environmental conservation



Quality

MAVERICK's proven process helps you achieve and maintain your desired quality standards. By defining the disparity between your actual current quality level and your desired (or goal) levels, MAVERICK determines a course of action that creates significant efficiencies in your:

- Operational costs
- Personnel / administration costs
- Equipment maintenance
- Chemical treatment
- Filtration costs
- Asset management

PROJECT COMPLETE® EXPERTISE

MAVERICK utilizes a proven methodology that ensures your solutions are tailor-made and structured properly for your business and the specific challenges you face. Through this process, we **Define** your current position, **Design** a structured analysis, **Develop** an actionable strategy, **Deploy** the necessary resources, **Direct** your ability to sustain these new systems and **Document** each step.

Value Definition

MAVERICK conducts a detailed on-site survey, calling upon deep knowledge of chemicals, water / wastewater process and successful ROI practices. A “snapshot” of your operations determines if sufficient opportunities exist for a mutually beneficial relationship.

This initial step records your actual water usage (including amount and type of usage, as well as real-world cost), collects operational data and determines the ideal cost goals for your business. This clear analysis provides an ideal starting point and blueprint for success.

Detailed Business Analysis

Our data collection process creates a holistic document that ties your water use directly to your bottom line. This specific and achievable “roadmap to savings” includes comprehensive analyses of key areas that affect your profitability, as well as numerous optional plans and analyses.

The benefits of this critical step include a profitability assessment (tracking the true costs of staff, assets / equipment, maintenance, chemicals, filtration and energy), a plan for eliminating waste and reuse, citizenship / regulatory analysis, and assessments of quality and sustainability.

Engineering Design Study

With the first two steps defining your situation and your goals, this step helps determine how to get there. Experienced master planning, pilot experiments, detailed design, capital equipment and water quality planning help create a structured, cost-focused plan for reaching your goals.

This step results in the creation of a real-world plan for implementing MAVERICK’s recommendations. This plan incorporates high-level conceptual design, project planning (reverse osmosis projects, controls and system specifications), logistics for equipment installation, and considerations for procurement and staffing.

Projects / People / Procurement

The next step is MAVERICK’s primary specialty — strategically deploying the proper resources to create the most effective, efficient and profitable work process possible. By establishing streamlined management, staffing and procurement guidelines, MAVERICK ensures that all the tools for success are at your fingertips.

These comprehensive services include (for projects): project management, monitoring, controls, information management, filtration / chemical treatment. (For people): recruiting, staffing, operations. (For procurement): specification, comparison, selection, verification.

Sustainable Services

Continued growth through efficiency and high ROI is possible when MAVERICK helps you employ the right plan for your business. To hold long-term value, this plan must be sustainable, and MAVERICK’s solutions provide repeatable results, consistent quality and dependable detection and troubleshooting protocols.

Your ability to sustain profitable operation is strengthened by: anomaly detection; real-time, cost-based operations; ISO 14001 auditing; and operation consulting. These ongoing practices contribute to the ongoing success and increased troubleshooting abilities of your operation.

BREAK AWAY

THE GREATEST RISK MAY BE STANDING STILL

MAVERICK Technologies is a global engineering, systems integration and operational consulting firm. We deliver innovative solutions for a wide range of manufacturing and process clients, leveraging our extensive network of skilled employees deployed from locations around the world.

Our talented staff is dedicated to helping our clients break away from the business inefficiencies they face. We deliver profitability improvement — individually in plant automation, performance management and business systems, and holistically by integrating knowledge across the enterprise.



Visit www.mavtechglobal.com/locations for all of MAVERICK's domestic and international locations.



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DO YOU KNOW THE TRUE COST OF YOUR WATER SYSTEM?

Whether you're using water in manufacturing, energy production or chemical production, it's vital that you view the costs as more than just usage. There are energy costs to heat the water, chemical costs to treat the water and mechanical costs for the system that delivers and monitors it.

For most businesses, the TRUE costs are even higher than they realize. Some are never aware of their system inefficiencies. Others bear them, fearing that the solution will be more costly than the problem.

MAVERICK Technologies has the consulting expertise and proven experience to create and implement the right solutions that will identify, minimize and manage the true costs of your water usage by:

- Maintaining budgeted discharge limits
- Reducing the cost of operational expenditures
- Increasing uptime through reliability
- Providing operational accountability (reports, data collection, etc.)

With these solutions in place, and a clear understanding of your true water costs, your business will reach new levels of efficiency, easily meet all regulatory standards and benefit from a higher return on investment (ROI).