



Moving forward together

In October 2002 MSE Technology Applications acquired the assets of Tetragenics, an electronic control and monitoring subsidiary of Touch America. With this acquisition MSE welcomed seven new employees who recently moved into renovated production and office space in the Montana Information Technology Center – Thornton Building – in uptown Butte.

Although formally incorporated in 1982, Tetragenics’ history began in 1972. In the early seventies, the Automation Department of the Montana Power Company successfully synchronized and started hydroelectric generators remotely. These pioneering engineering efforts in hardware and software design became the basis of Tetragenics. For more than 27 years Tetragenics has provided:

- ✓ Supervisory Control and Data Acquisition (SCADA) systems;
- ✓ Communications Monitoring and Control Systems;
- ✓ Remote Terminal Units (RTUs); and
- ✓ System Integration.

Because of Tetragenics’ grounding in the utility industry and experience in telecommunications, and MSE’s diverse engineering experience, MSE Tetragenics can provide support on just about any system or situation that a customer may encounter, be it electrical, mechanical, chemical, biological, environmental, or system specific. MSE Tetragenics provides 24-hour, 7-day a week customer support.

Tetragenics – Before	MSE Tetragenics – Now
Secure software systems.	Secure software systems <i>plus secure hardware components and advanced surveillance equipment.</i>
Mechanical, software, electrical, instrumentation and control, and programming engineering services.	Mechanical, software, electrical, instrumentation and control, and programming engineering services, <i>plus construction, civil/structural, process/chemical, biological, aerospace, environmental, remediation, geophysical, environmental, mineral processing engineering, and economic cost analysis services.</i>
More than 27 years of project management experience.	More than 27 years of SCADA project management <i>plus 29 years of engineering, construction management, and turnkey experience. Over 56 years of experience working with customers.</i>
Complete SCADA, plant, and communications systems.	Complete SCADA, plant, and communications systems <i>plus advanced system integration using high tech, state-of-the-art equipment and technology in a variety of diverse systems and situations.</i>
Advanced laboratory for factory testing.	Advanced laboratory for factory testing <i>plus 53-acre test facility that meets all applicable environmental laws and regulations, and that contains a UL – Industrial Control Panel Shop.</i>
Complete documentation and help systems.	Complete documentation and help systems <i>plus two document control departments.</i>
Turnkey solutions.	Turnkey solutions <i>plus more options available for total turnkey solutions. MSE has the in-house resources to provide construction, mechanical, electrical, instrumentation and control (I&C), and other services. This can provide an even broader definition to turnkey on a project.</i>
Dedicated engineers and staff to provide systems support.	Dedicated engineers and staff to provide system support <i>plus over 200 qualified engineers, craftsmen, scientists, drafters, and staff ready to provide exceptional service and new technology.</i>

MSE Tetragenics – Products and Services

- ✓ Supervisory Control and Data Acquisition (SCADA)
- ✓ Plant Automation and Control
- ✓ Communications System Monitoring and Control
- ✓ Remote Terminal Units (RTUs)
- ✓ Master Platforms
- ✓ Programmable Logic Controller (PLC)
- ✓ Graphical User Interfaces
- ✓ Engineering Services/System Integration
- ✓ Factory Acceptance Testing (FAT)
- ✓ System Engineering
- ✓ Electrical Engineering
- ✓ Instrumentation and Control Engineering
- ✓ Construction Administration

MSE Tetragenics – Installation Sites



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For Additional Information:

<http://www.tetragenics.com/>