

SOFTWARE DEVELOPMENT

Tietronix provides leading-edge software products and solutions for the Federal Government, Medical industry, and the Commercial Sector. We have an excellent track record of delivering high-quality, major software projects on time and on budget. Tietronix customers benefit from the company's commitment to a process-centric based engineering organization that follows industry best practices and disciplined software development processes that are customized for each software project.

Tietronix has made a significant investment in the creation of our proprietary Tietronix Process Technology (TPT) platform which is a comprehensive suite of process automation tools spanning the entire software engineering lifecycle. Tietronix uses TPT to automate and customize Agile, Spiral, Iterative, Unified, and Waterfall lifecycle processes. TPT also automates best practice processes for compliance, project and process management, quality assurance, configuration management, verification and validation and project metrics. Use of TPT gives Tietronix a distinct advantage in the ability to deliver superior software solutions faster and more efficiently.



Tietronix has built and deployed a wide variety of software solutions for:

- Real-time NASA flight software
- Real-time Ground Systems
- Medical Devices
- Mobile Devices
- Knowledge Management
- Solar Power Plants
- Electronic Procedures – Space flight
- General Process Automation
- 3D Animation & Simulation
- Gaming

Our engineers have expert skills and experience with all major development platforms, languages, and databases, plus they have broad experience in building and fielding solutions in the following areas:

- Web 2.0 Applications
- Business Process Management & Workflow
- Monitoring and Control
- Business Intelligence
- Enterprise Architecture
- Serious Games
- Graphics and Animation

