



## Capability Statement

We develop electronics and control solutions aimed toward the mass spectrometry research community to aid in the development of unique instruments. Our focus is in the area of intelligent RF and DC power sources as well as the low level timing controls.

Our company's philosophy is to provide open designs making all the technical information available to our customers. We also specialize in developing unique solutions to custom problems working closely with our customers to address their needs.

### Core competencies

#### Consulting services

- o Electronics design and development
- o Systems analysis and reporting
- o Fabrication and testing
- o Troubleshooting
- o No minimum
- o Free estimates
- o Competitive rates

#### Products

- o Instrumentation aimed at mass spec Research community
- o Intelligent RF and DC power sources
  - Configurable
  - Multi channel DC supplies with voltage Range options
  - USB host interface
  - Pulse sequence generation capability
- o FAIMS RF power supply
- o High performance data acquisition
- o FTICR pre-amps, including in vacuum
- o PCB based ion guides and cells

#### Resources

- o Design and development tools
- o Electronics test equipment
- o Fabrication resources

### Differentiators

- o Over 40 years of electronics design and development experience
- o 30 years experience in national laboratory
- o Extensive experience in mass spectrometry R&D
- o Low operating costs
- o Rapid development capability
- o All technical information provided including source code

### Contact information

Chief Engineer: Gordon Anderson  
Phone: 509.588.5410  
Cell: 509.628.6851  
Email: [gaa@owt.com](mailto:gaa@owt.com)  
[www.GAAcustomEngineering.com](http://www.GAAcustomEngineering.com)

