

MISSION STATEMENT

Our goal at **iRF** is to establish intelligent RF solutions as the preeminent RF Products/Solutions partner to the EW and INTEL Communities. We will accomplish this by focusing on our customers, listening to your requirements and crafting a cost effective, product based solution.

Customer focused Agile Responsive

iRF – intelligent RF solutions

- **Building on over 40 years of experience designing and producing microwave receivers**
- **Leveraging cross platform module/subassembly designs for Open Architecture**
- **High Reliability Products by Design**
- **ISO 9001:2000 certified**
- **Moving to a new more efficient facility in Sparks, MD (near the current facility)**
 - * **15,000 sq. ft. state-of-the-art design & manufacturing center**
 - * **Production ready facility**

iRF Core Competencies

- **Microwave Receiver System Design**
 - Rapid Prototyping for QRC product designs
 - Core skills in RF, FPGA, Embedded DSP and net enabled Software
 - Highly Integrated mixed signal RF through I/O solutions
 - SWaP constrained solutions
- **Open Architecture Solutions**
 - Existing products for VME/VXS architectures
 - 3U and 6U VPX designs coming in
- **Embedded controllers with custom digital/ FPGA designs**
- **PC/ Workstation control and display (GUI) application software**
- **Common Modules– common control interface**
 - Frequency Up/ Down Converters
 - Data Converter (ADC, DAC) interface to FPGA
 - Controller/Processor web based service data and control delivery

Receiver Products



SMR-5550i, Microwave Set-on Receiver



388A, IF-to-Baseband Converter



SMR-3822, Microwave Search Receiver



TU-6401, VME Microwave Tuner

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