



SIL4 Systems is uniquely positioned to help you extend the life of your obsolete and difficult to maintain systems, subsystems and equipment. Our Retrofit design center can design and manufacture fully compatible replacement systems, parts and equipment using state of the art technology, often within days or weeks. These systems include:

- ▶ Car-borne
- ▶ Wayside
- ▶ Portable or Lab test and/or maintenance equipment

▶ **Band Pass Filter**



Can be hard-tuned to any frequency [COTS Frequencies].

- ▶ 4550 Hz
- ▶ 5525 Hz
- ▶ 9800Hz
- ▶ Other frequencies available on request

▶ **Retrofit Brake Controller**



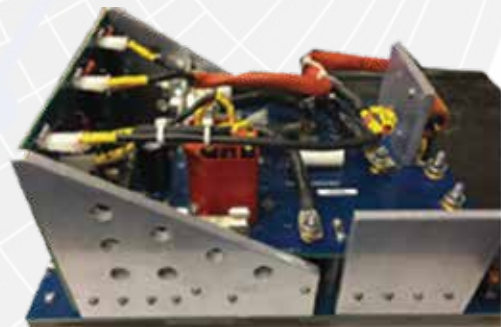
- ▶ Friction Brake Controller
- ▶ Spin/Slide detection and correction
- ▶ Built in Event Recorder
- ▶ Custom data analysis software

▶ **Portable Automated Test Platform**



- ▶ ATP Tester
- ▶ Safety Assured on Vehicle ATP Tester
- ▶ Can Be customized for any sub-system application.

▶ **Propulsion Pre-Exciter**



- ▶ ABB OEM pre-exciter replacement
- ▶ 300V: 20A Armature Excitation
- ▶ High Reliability
- ▶ Address legacy field failures