

# Gas Turbine Control System Retrofits

## HIGHLIGHTS

- ◆ Direct hardware replacement
- ◆ PLC based system
- ◆ Future expandability
- ◆ Customer-configurable PLC via Operator Interface Terminal (OIT)
- ◆ 12-inch color touchscreen OIT
- ◆ Optional PC based Human Machine Interface (HMI)
- ◆ Worldwide Service Support, 24 hours a day, 7 days a week
- ◆ Extensive experience with Rolls-Royce and GE gas turbine engine controls

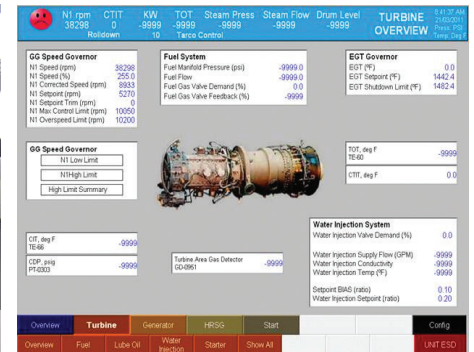
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## Controls Retrofit - PLC (Programmable Logic Controller) Based Systems

### StandardAero – The Right Choice

A reliable control system is the basis for reliable turbine operation. The majority of the original control systems are obsolete and unsupported by OEMs. StandardAero will work through the process of retrofitting your current control system through its replacement program and provide on-site customer training, tailored to your specific requirements.

### Solutions that provide cost-effective and efficient results

StandardAero’s replacement program will ensure that existing functionality is maintained, while providing enhanced functionality that supports efficiency, reliability, integration and future expansion, including:

- ◆ Speed / Load Control
- ◆ Protective Functions
- ◆ Testing Functions
- ◆ Alarms / Shutdowns
- ◆ Fuel Control Retrofits
- ◆ Vibration System Upgrades

### Reliability and uptime are products of proactive systems management

The customer-focused control system is completely configurable from the Operator Interface Terminal (OIT) without any knowledge of PLC programming. Additionally, our fuel control retrofit solution can be incorporated into Long-Term Maintenance Agreements. By combining controls with StandardAero’s extensive history of quality and reliability in maintenance, you get the best of both worlds!