Woodward MicroNet Plus Programmable Control

**Product Description**
Upgrade your existing LM gas turbine control system to Woodward’s MicroNet Plus programmable control, a highly advanced OEM-qualified control system developed specifically for controlling your GE LM gas turbine. The MicroNet Plus uses Woodward-qualified core software to operate any GE LM2500 and LM6000 SAC or DLE turbine.

**Product Details**
- **Control Performance** - Includes redundant or simplex CPUs and power supplies, modular I/O, flexible software environment, and highly accurate time synchronization.
- **Module I/O** - RTCnet’s ultra-rugged, lightweight, all metallic DIN-rail mount packaging is suitable for skid mount and turbine enclosure installations, and can withstand 40 G shock, and a –40° C to +100° C temperature range.
- **System Simulation** - NetSim simulation produces a virtual test stand in the office or in the field without specific hardware or wiring in the loop. Simply exercising the software’s I/O to validate control logic against a closed-loop model saves time and money by checking the functionality of the application and resolving problems before software is loaded onto the real control.
- **Millennium Upgrades** - The functions of the Mark VI controller and Fanuc 90-70 PLC are integrated into a single controller and chassis.

**Customer Benefits**
- **Rapid Installation** – Typical outage time for new control system installation is 7-10 days, reducing site downtime and aligning with most site outage schedules.
- **Increased Reliability** - Redundant power supplies, CPUs and I/O configurations provides high control system reliability and turbine package availability.
- **System Flexibility** - The flexible, real-time system controls any prime mover and its associated processes. It offers high-speed, closed-loop control, system sequencing, auxiliary system control, surge control, monitoring/alarming and station control.
- **Advanced Troubleshooting Tools** – Woodward service tool suite provides customers powerful troubleshooting and maintenance functionality to perform system troubleshooting and diagnostics, configuration management, and data analysis to solve any problem no matter how complex.

**Applicable Units:**

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Qualified for use on all GE LM2500 and LM6000 SAC or DLE turbines.

GE’s global service network provides life cycle support for more than 3,500 aeroderivative gas turbines worldwide to help you meet your business challenges and success metrics – anywhere and anytime. Our global service network connects with you locally for rapid response to your service needs.

**www.powergen.gepower.com**