

CONTROL SYSTEM SUPPORT & GLOBAL REMOTE ACCESS



EPS has extensive experience with the following control systems:

- Rustronic ®
- Netcon 5000 ®
- Wonderware HMI ®
- Intellution HMI ®

The range of products detailed within this brochure are applicable to all customers operating turbines with these control systems. EPS welcomes any enquiries regarding the support of these systems. Customers with systems operating Microsoft Windows® based Human Machine Interfaces - HMI's naturally lend themselves to remote access support.

This permits a remote PC to communicate and access the customers' HMI with the following key benefits for the Gas Turbine operator:

- Remote package fault diagnosis.
- Remote control system parameter changes.
- Reductions in the number of unit trips.
- Reductions in the duration of unit trips.
- Reductions in unscheduled maintenance costs.
- Improved unit availability.

Site attendances to unscheduled events are costly, unpredictable and often lead to excessive downtimes. Our Remote Access Telemetry System will allow the service engineer as much functionality with a remote data link as if he were on site in front of the customer's control panel. The combination of our products enables the customer to seek advice from EPS when an adverse change in the engine's running parameters is detected. Once notified, EPS can gather engine running information via the remote data link. The following types of information can be accessed remotely:-

- Real time running data through the HMI mimics.
- Current and historic alarms.
- Trended data by accessing the HMI database.
- High speed running data using the dedicated engine control units' datalogger

Using the above diagnostic tools many faults can be remotely diagnosed. Faulty components can be identified and instructions given to site personnel to change them without the need for third party field engineer mobilisation, thus eliminating costly mobilisations and leading directly to the key benefits listed above. Should you wish to know more about EPS controls support please contact our main offices.

Please note that "Rustronic" is a registered trademark of Ruston Gas Turbines/"Netcon" is a registered trademark of Woodward Governor Company/"Wonderware" is a registered trademark of Invensys Systems Inc/"Intellution" is a registered trademark of GE Fanuc.