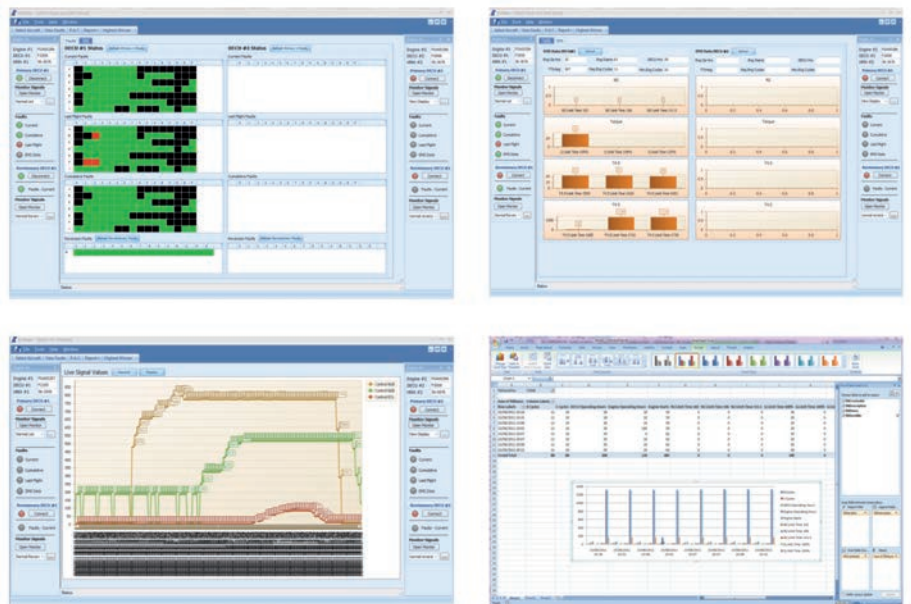
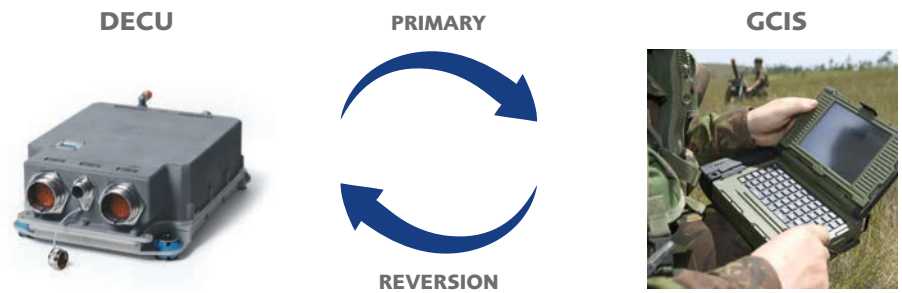


'Supporting the Aerospace  
and Oil Industries  
with Military precision'



## DECU Ground Crew Interface System (GCIS)

The only DECU manufacturer authorised complete package to communicate and interrogate the Primary and Reversion lanes of the FADEC.



# FAST ACCURATE COMPLETE



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## DECU Ground Crew Interface System (GCIS)

AT Engine Controls Ltd. (ATEC) is a systems company, specialising in design, development, manufacture, and support of computer based control and monitoring systems for harsh environments. ATEC has been manufacturing, testing, and servicing the DECU for over 20 years.

ATEC is proud to offer the DECU Ground Crew Interface System that will allow the user to interrogate much of the information that is held in the DECU that has been hidden from them before. The unit consists of PC software and cables connecting to the communications ports of the DECU. A ruggedised PC can be supplied as an option.

### The system will allow access to carry out the following activities on the unit:

- Connection to Primary and Reversion lanes of the DECU
- Monitoring of a collection Input Signals for each control lane
- Data Logging of the signals in real time when they are received by the computer to enable offline analysis.
- Access to all fault codes stored in each DECU (Current, Last Flight, and Cumulative)
- Integrated help file providing the user with fault information and user guide
- Access to all other Engine Monitoring System functions (Engine Cycle Counts, Limit Exceedance Times , Numbers of Starts, Engine and DECU Operating Hours)
- Access to reset DECU fault codes and engine monitoring system records
- Display of Power Assurance algorithm results
- Export of data for offline analysis

### Benefits of using the Ground Crew Interface Tester

- Powerful and accurate monitoring tool of aircraft and engine usage
- Improves aircraft availability and performance planning by enabling the use of modern planning and performance management techniques with the data available
- Powerful diagnostic aid to maintenance crews

### User Friendly Features

- Simple and intuitive GUI driven tool
- Can be integrated with other existing computer based tools such as AMCOM approved performance planning card software

