



Key Benefits

- Replacement of ageing equipment
- Central storage of all schedules, test data etc.
- Easy switching between multiple rig configurations
- Continual monitoring for alarm conditions
- Dual screen interface
- Remote office access

Eye to the future | Window on the world

Summary

Each computer system was designed to be housed in a mobile console which could be connected to one of six clutch test rigs. The system would then monitor the test and log a line of data whenever the operator pressed a push button. Each system was fitted with two displays, one which acts as the operator control interface and one which is used to allow end customers to view the clutch parameters as the tests progress.

During a test, specific alarm schedules can be loaded to alter the tolerances allowed for any of the signals monitored. In the event of a signal straying outside of its allowed limits, a beacon flashes and details of the alarm are shown on the permanent alarm banner. Details of alarms occurring during a test are also logged alongside the test data to provide a complete history of each test run.

Remote access was provided using Prodigy Remote Workstation to allow tests to be viewed and the data accessed from an office based MAC network.

Equipment Used

- 3 x Intel based Pentium PC using
Microsoft Windows NT 4
Light Pen Operator Interface
Dual Display Graphics Card
- IQS603 Vibration transducers
UVV693 Proximity and vibration processors
UVH678 Accelerometer processors
- Plug in cards included
9 x PCL-818L 8 Ch A/I,
1 Ch A/O, 16 Ch D/I,
16 Ch D/O
6 x PCL-818HG 8 Ch A/I,
1 Ch A/O, 16 Ch D/I,
16 Ch D/O
3 x PCL-836 6 Ch Pulse/I



If you would like to find out more about this application, please contact the sales office who will put you in touch with the original Systems Integrator.