Distributed Control

The Feedback Distributed Control System (DCS) trainer is a complete training solution that combines the operations of a leading commercial DCS process management controller package, namely the Emerson Delta V, with an assortment of our proprietary training rigs.

The training rigs offer a range of processes:
- Level & Flow
- Temperature
- Pressure
- Forced Air Cooling

These may be operated separately or combined to produce a multi-process, multi-loop system. The trainer is supplied complete with the PC, software, controller and I/O modules that are needed to monitor and control the process rigs. A control cabinet houses the components that provide the interface between the PC and the rigs.

Topics
- Distributed control system background theory
- Delta V Explorer
- Trainer configuration
- Basic on-off control
- Advanced on-off control
- etc.

Experiments are operated and evaluated with ESPIAL.
The equipment can require additional software modules.