PLC Systems Integration

SCADA   RTU
TCP/IP   Siemens
Wonderware AS-i Bus RS485   Ethernet   Modicon
DeviceNet   Modbus CSMA/CD MMI Profibus Hart 4-20mA
                                      Factory Suite Allen-Bradley

PLC Systems Integration

Our Systems Integration services cover anything from small single machine OEM type installations (our own Embedded Controller systems may be appropriate here), to large multi-PLC multi-site systems which incorporate SCADA connections to an enterprise IT infrastructure.

The integration of industrial instrumentation, automation, and monitoring systems constitutes a large proportion of the work carried out by JCE Digital Ltd. We have accumulated considerable expertise with the design and Project Engineering involved in production of large process control systems.

● New Technology
Recent advances in technology available from PLC hardware vendors is making TCP/IP connectivity (especially web connectivity) a very convenient and practical solution to many process control information management problems. Through our on-going staff training programme, we constantly ensure we are in a position to offer our clients the advantages of new technologies as they emerge.

● Existing PLC Platforms
As a company we are able to offer integration services for many PLC types, but we have existing investment in training, system development software, and programming equipment for the following :-

    Hardware platforms
    Allen Bradley - PLC5, SLC500
    Modicon - Premium, Micro
    Siemens - S5, S7, C7

    Comms Standards
    DeviceNet, Asi Bus, Ethernet, MPI, Profi Bus, Mod Bus, DH+,
    Unitelway

    IEC 1131-3 Based PLC Programming Environments
    PL7 Pro
    RSLogix5
    RSLogix500
    Step 7 Professional
    Step 7 Micro/Win

    Related Systems Development Environments
    XBT-L1000
    PanelBuilder
    DeviceNet Manager
    Protool
    WinCC
    VAGA Operator
    Stahl Programable Barriers

    SCADA Systems
    PL7 Pro/Dyn
    Monitor Pro
    Wonderware - Intouch