

## Software & Systems

One of the key differentiators between APD Ltd and many of our competitors is our comprehensive capabilities in designing and writing software for real time control, data acquisition and monitoring. When combined with our other services this means we can provide a true turnkey solution without any need to out-source.

We currently have a team of eight full-time software engineers with over 120 years combined knowledge of writing all types of software. Breaking this down into categories our experience covers:

### PLC's or Programmable Logic Controllers

- Allen Bradley / Rockwell PLC5, 500, Control Logix including redundant and high availability systems.
- Mitsubishi stretching all the way back to F-Series, A-Series right up to the newest Q & L Series systems, redundant and high availability systems.
- Siemens S5 and S7
- Beckhoff BX and CX
- B&R Automation System 2003
- Omron C Series and Sysmac
- GE Series 90-30
- Steeplechase and Pheonix Soft PLC

We currently hold Certified Integrator status for Rockwell, Mitsubishi and Beckhoff.

### SCADA, HMI, MES, ERP Systems

- Rockwell RS View, Factory Talk
- Iconics Genesis 32/64 and 'BizViz'
- Intellution Fix and iFix
- Citect SCADA
- Siemens WinCC and TIA Portal

### Other systems, technologies and languages supported

- Microsoft SQL Server
- Microsoft Visual Studio inc VB, .Net, C+, C#, ASP with MVC
- Java, PHP, Silverlight, HTML5
- Profibus, Profinet, Modbus Serial / TCP/IP, MeSecNet, CC Link, Devicenet, Controlnet, Canbus, Ethernet IP, Bacnet, OPC
- VMWare Virtualisation

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