Migrating to an EPICS-Based Instrument Control System at the ISIS Spallation Neutron Source

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ISIS:

- 30 Instruments = the current control system
- 2 new instruments = intermediate version of the new control system

Minimising risk, disruption and late-night phone calls…

Current System

New EPICS System
Where we are:
• Running the new system in parallel
• Integrating existing LabVIEW drivers into EPICS
• Designing the architecture

The future:
• Replace LabVIEW drivers with EPICS drivers
• Develop new GUI(s)
• Removal of the old system
• …

We are using the Scrum agile software development process