Course Outline
Duration 3 days
Beneficial to programmers, operators and maintenance staff
Students must have attended the IRC5 Programming and Operation Course or have an extensive working knowledge of the topics covered. Attendance of the IRC5 Advanced Stage 1 course is advantageous.

Subject areas
Overview
Hardware
General functions
Category 1 and 0 Safety Stops

Active Functions
Safe Stand Still
Safe Axis Speed
Safe Axis Range
Safe Tool Speed
Safe Tool Zone

Passive Functions
Monitor Axis Range
Monitor Stand Still
Monitor Tool Zone

Support Functions
Cyclic Brake check
Safe Brake Ramp

Safety Violation
Violation Recovery
Override

Synchronization
Synchronization Switch (Single & Dual Channel)
Software Synchronization
PreWarning

EIO Configuration
Virtual Board
Cross Connections
Antivalent & Equivalent Signals

RobotStudio
UAS Configuration
EIO Configuration
Safety Configuration
Tool Zone Visualizer AddIn

Objectives
On completion, participants will be able to perform:

- EPS Install and Configuration
- SafeMove Install and Configuration
- Recovery from Safety Violations