

# The Robot Training Centre, Milton Keynes

## Course Outline



## S4C Plus Booting Procedures

**Duration:** 1 day

**Participants:** Supervisors, Team Leaders, and Service Personnel

**Pre-requisites:** Students must have attended either the S4 Operator or S4 Programming and Operation Course. Alternatively, have a thorough working knowledge of the S4 robot system. Also recommended is a competence with a PC/ Laptop and setting up TCP / IP addresses.

### Subject Areas:

#### **Introduction to Booting Methods for S4C+ Controllers**

Booting from PC / Laptop using Ethernet – Service Port

Booting via factory Local Area Network

Creation of Boot Disks – Booting with floppies

#### **Methods or restarting controller**

Cold-start	C START
System-start	X START
Query-start	I START
Process-start	P START
Warm start	RESTART

#### **RobInstall boot Application Software (supplied with robot)**

Installing boot application software on Laptop/PC (customers preferably)

License Keys

Define / Update a system

Adding option disks using Keystring

Adding system parameters at bootup

#### **File Transfer Protocol Client**

Explore the Flash-disk using FTP Client (FTP-Voyager)

(30 day evaluation copy on RobotWare 4.0 CD supplied with robot)

Please contact the Training department

Tel No: 0044 (0)1908 350499

Fax No. 0044 (0)1908 350301

<http://www.abb.co.uk/product/seitp327/980d1e9bcd99aa1c125719c002e705d.aspx>



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## S4C Plus Booting procedure (Cont)

### Backup and Restore and Robot Calibration

Restore Programs and Parameters

Robot Calibration position and Rev Counter update

**Objectives:** On completion of this course the participants will be able to perform:

- Create a new system
- Download system from PC through both Service Port and LAN
- Create boot disks and download
- Explore the Flash-disk using FTP Client (FTP-Voyager)

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