ProSafe-RS Engineering Training

To enable ProSafe-RS system engineers to develop a safety project using the available tools and working methods. The objective of the course is to guide the engineers from the beginning to the end in a safety process. The engineer will have to design, implement, and test a safety system.

Who should attend?	Process control engineers, process engineers, maintenance and technical support personnel.
Prerequisite knowledge	Participants will require knowledge of computers and working knowledge of MS-Windows. It would also be beneficial for participants to have knowledge of electronics and Boolean logic.
Program	**Day 1:**

Day 1:
- ProSafe-RS Hardware & Documentation
- Introduction to ProSafe-RS Workbench
- Introduction to the ProSafe-RS Software Languages (IEC-61131-3)
- Understanding the various builders for project creation
- Function Block Logic

Day 2:
- ProSafe-RS Security Levels
- Building, Analysing and Downloading a Project
- Offline and Online Downloads
- Simulation, Variables Forcing and Locking
- Program Organization Units (POU)
- Function Blocks Instances
- Nested Instances

Day 3:
- Centum VP Integration
- Tag Name Builder
- Introduction to Override Function Blocks

Day 4:
- Inter-SCS Communication
- Exercise: Project Creation and Centum VP Integration
- ANLG_S Function Block
- Trip Override Function Blocks

Day 5:
- Safety Principles (SIL, PFD, RRF)
- ProSafe-RS and Safety
- Additional Function Blocks

More information

This training is held online or in our facility in YEF-NL Amersfoort. The training language is English or Dutch depending on the audience and trainer. For more information or would you like to sign-up for this training please sent your request to training@nl.yokogawa.com.