

## **ProSafe-RS SIG Discussions, Actions and Next Steps**

Following the agenda, presentations and demos were made regarding ProSafe-RS R2.03, the performance test in Singapore, and its roadmap. Presentations also made on Partial Stroke Testing as well as demo and on ProSafe-RS integration with Yokogawa's SCADA package called FAST/TOOLS and Stardom RTUs.

Interspersed were open discussions on use cases and ProSafe-RS issues.

At the end was a discussion and "ask the Yokogawa expert" panel. Panelist included:

Tadaaki Ando – Yokogawa Electric

Nick Yim – YCA Operations

Ray Azizian – YCA sales Support (and formerly ProSafe-RS trainer)

Duc Nguyen – YCA operations

Following were the items of discussion

### **1. Printing the programming – documentation**

Is there some way to ensure that can program in a boundary so that when you print, it prints the application within a page?

Enhanced printing options – shows dotted line on the page, so logic should be within the dotted lines for the printed page

Is probably a programming practice (guideline and standards)

Would like it to be enforced in the system

### **2. Tag Descriptions**

2 lines 12 characters each for descriptors

Got exported and imported incorrectly in the tag name builder of ProSafe?

Currently does not concatenate spaces

What's the guideline? Needs to be a work practice of what is given and what is displayed between the two parties.

### **3. FF – SIS**

2008 test in Amsterdam and in ME.

Progress has stalled – vendors and users both need use case. Currently development for ProSafe-RS is suspended

### **4. ProSafe- RS Alarm Annunciator in DCS does not show a tag**

Annunciator coming from Prosafe – only descriptor is shows – want tag name too.

DCS annunciator shows both descriptor and tagname –

is recognized by Yokogawa – no roadmap item yet

### **5. Scan Time Extensions**

Part of ProSafe-RS R2.03. Scan time will automatically be extended to accommodate communications. Scan times can be adjusted on-line.

Can external communications load cause a safety event? System limits the communication overload?

**6. 24 V tolerance in I/O cards**

Used to be 5%

Corrected for Dos (10%)

DI still has a problem and is on the development list. (Maybe next year?) Will probably need a module change and not a firmware download

**7. Test Function Usage?**

Low fidelity simulator designed for testing the build of logic and familiarization of operators. FAT still tests I/O with panels.

Are there plans with Trinity systems? Under discussion by Yokogawa – some issues to resolve on level of system access is needed

Shell has used Cape Software for simulators using OPC

**8. Integration to be more seamless?**

Want ProSafe-RS tag to automatically be assigned to the taglist available to FCS, OPC and HIS stations. Currently takes an extra step – tag list import.

May be driven by 61131-3 requirements. No change will be forthcoming

**9. Alarm Table color and priority change requires off-line download?**

DCS alarm table color change is an on-line change, but Prosafe is still off-line. It is recognized by Yokogawa and is on the development list

**10. Use tag of ProSafe directly in DCS logic ?**

Needs pseudo tag – consistent with DCS-DCS access. Can it be made directly?

Is a legacy issue. No change is forthcoming

**11. First out Function block**

Is now part of the R2.03 release?

**12. 24V DC modules with no fuses.**

Make fuses go away. Make current limited.

Most specs indicate individually fused with blown fuse indication, but current limited is accepted.

Follow-up and next steps are to establish a steering committee for the ProSafe-RS special interest group. Joe Pittman of Chevron, current user lead and Bruce Jensen/Jan DeBreet of YCA will determine contacting interested parties to serve with the objective to plan the meetings with user content and presentations, represent user concerns to Yokogawa, prioritize product enhancements and provide feedback of issues to Yokogawa.

An informal polling of the users agreed that the second ProSafe-RS interest group meeting should be in early 2011 either in Houston, hosted at either Chevron or Yokogawa facilities or near New Orleans host either by Chevron or Shell.

Subsequent to that, the ProSafe-RS SIG should provide content to the main user conference slated for mid-late 2011.

Reported by Bruce Jensen, Mgr Systems Marketing and Solutions Support, YCA