

SPE DSA-TS Comms Team

Meeting Minutes – Drill-a-Stand Technical Team

Date: 28-Aug-2013

Agenda

- Clinton - Review the workshop and main points (see attached document)
- Dmitry - Review progress on document covering architectural implications (need someone to finalize this document)
- Pradeep - Launch a team to look at threat model (looking for volunteers for this)
- Moray – Roadmap
- Launch team on getting a proposal for managing security (e.g. certificate distribution to 3rd parties) (looking for volunteers for this)
 - o Randy Armstrong
 - o Guillaume Tamboise

Minutes

Clinton lead call and began with review of DaS to-date and review of high level architecture. Began with discussion of the logical view attached to meeting invitation.

{Visio file is available to anyone who want this – Contact Clinton.}

- H-UB: Need to decompose Comms Device package into sub-packages
 - o Need to provide more detail on handling of units
 - RA: UA spec v 1.02 has some work on units
 - H-UB: Reviewed, but it is missing a lot of units and units classes specific to our industry.
 - PA: Driller's HMI should display values in Rig Unit and there needs to be a way of delivering this.
 - Overall, we need to establish standard for RT data transport and one for viewing that allows for display in the selected unit system or specific unit chosen by the user.
- H-UB: Need to consider various roles in the system, ex. Admin role, Maintenance Role, Driller Role. How is the access to the system different for these users?
 - o Probably need to throw back to Use Case team to look at giving a Use Case for this.

Attendees:

Tim Shea, ARC
Dmitriy Dashevskiy, BHI
Hans-Uwe Brackel, BHI
Vinay Battappady, Canrig
Pradeep Anniyappa, Canrig
Marty Cavanaugh, Contractor
Madhu Vadali, Halliburton
Yuzhen Xue, Halliburton
Xiaophing Ge, Halliburton
Aaron Eddy, Pason
Keith Holdaway, SAS
Moray Liang, SAS
Tommy Harris, Shell
Clinton Chapman, Schlumberger
T. "David" Chiang, Schlumberger
Andrew Li, Schlumberger
Guillaume Tamboise, Schlumberger
Vern Gubler, NOV/Intelliserv
Randy Armstrong, Sparhawk

Dmitry D. discussed use cases and architectural implications. We are missing architectural implications for use cases 2, 6, 7, and 9. Try to find these from workshop.

- UC DAS005 needs more work.
- Overall, we need to try to reconcile various terms back to a common system.
 - o Proposal to use Enterprise Architect + DSA-TS Website to help coordinate this between players to try to clean up terminology and create diagrams to relate common understandings.
 - o Moray, DD and H-UB to work on this with Shasta.

Pradeep discussed Threat Model

- Have list of threats and some indication of risk from workshop. Need a template.
- Moray said SAS could provide a generic template to work from.
- Volunteers for Threat Model: Moray, SAP Expert (TBD), Clinton, Guillaume, Andrew

Moray discussed Roadmap

- Roadmap effort has just start
- CC: Need to assure DaS is on roadmap and the deliverable from this exercise is accounted for in the roadmapping exercise.
- Looking for additional volunteer from DaS effort to work with Moray to try to deliver this.

Randy Armstrong to lead effort on DaS/Security

- Volunteers: GT, H-UB, Vinay, Marty to be on call.

Action Items

- H-UB to work on Unit Systems proposal and discuss next meeting.
- CC to schedule next DaS technical meeting, possible at ATCE.
- Moray, DD, H-UB and Shasta to meet before next DaS to discuss website
- PA + Threat Model team to meet before next DaS meeting and discuss progress
- Moray to represent DaS on roadmap. Waiting on volunteer
- Randy Armstrong – DaS/Security meeting to happen before next DaS meeting and discuss progress at next meeting

Orphan items

- Action on addressing roles needs to be addressed.