

File 20110830.1438: Notes from Systems Engineering meeting today 1100:

The Navy has underfunded the developer by a large amount, over 1 million dollars. Switching from the old business model to new business model, instead of the Navy taxing everything, they added a new BOE. It will make charge numbers even more of a nightmare than they already are.

Under the new BOE, the Navy will fund less of infrastructure. Have to transition eighty or ninety task orders to the new BOE. There will be a 2–3 month transition period because none of the 80–90 task orders have that infrastructure funding in them. There will be a 2–3 month total funding gap, not fully transitioned for a year. In future, there is better written money for infrastructure, so it will be better, but not until that transition is done.

Craig, Olav, finance, and contracts are all stressed for the next few weeks. Recommend avoiding these people. Olav, in particular, is close to the edge. He feels he's been pushing everyone to go through the Navy, but the Navy keeps doing this to the developer. So expect Olav will do more direct contracts in future.

RM is on the GSA schedule now. This means there is no longer any contracting office involved. For the specific configurations on the GSA schedule, purchasing is extremely streamlined. Gets rid of NMSO completely. Makes it much easier. But GSA money does not go through the programme office, so the the Navy can't tax it.

Tonnes of RMs out there now. RM 5 is going crazy. Lots of demand for it; all the installers are continually on the road this summer. Someone counted 670 devices out there, but Kevin feels this is high; he thinks the customer support database is double-counting RM 4.5 installations that were upgraded to 5.0 but not marked as 'inactive'. Kevin thinks the true number is more like 500. That is still four to five times the number of devices as our nearest competitor.

New contracts: NASA. Larry is going to Houston week after next for a demo. It is one of the first outside DoD. Jeff Dutoit thinks it will be one of the biggest contracts ever for the developer. For example, astronauts aboard the ISS are continuously monitored for medical readings, and those data traces must be protected according to HIPAA rules, so RM is going to do that. Sandia National Laboratory also coming to Littleton in a few weeks.

A hundred or so small boys—ships smaller than big decks—that never had RM before will be getting it in the guise of 'CDS lite'. It will be a completely streamlined installation: plug in the RM, set IP addresses, and go. The Navy did a competition amongst several CDS vendors and selected RM. No installer will go on the trip. Version 1 will be bare necessities only; version 2 will have all the bells and whistles. This will be the model in future—not sending installers except for complicated bespoke installations.

Tammy will be transitioning upstairs in October. The developer is trying to transition to a replacement for her. They put out a requisition and got several applications immediately. A weapons specialist was one that applied.

The Eagan, MN site is shutting down. When Owego, NY lost all their contracts, including the VH-71 presidential helicopter, they proceeded to steal all of Eagan's contracts. Kevin thinks Owego is about an hour from Rome, NY. Ian, for one, feels that Owego is about the worst place on earth, and Ian has lived in Afghanistan. Ian is going back to Afghanistan soon. Jeff Dutoit is moving to Oklahoma City for his wife's residency. Not going to affect his projects at all; he's just moving from one off-site location to a different off-site location.

RM 5.1 will be the next build. There might be a minor 5.02 version, but that's just for management. RM 5.1 which includes HTTPS, includes all the container simplification, will be out in Autumn of 2012. It will not be a mail-out patch; it will require on-site installations. Customers will not like that.

RM 5.1 will be the last one hosted on Solaris 10. Solaris 10 reaches EOL in October 2011. Solaris 10 loses all support in December 2014—between a few weeks from now and the end of 2014, Oracle will only issue security patches for Solaris 10.

RM 6.0 development will begin soon, either on Solaris 11 or Linux. Going to Linux will cost the developer a lot, but 'we're going to have to do it anyway' (Kevin Miller).

The developer is doing lots of work on VMs now. Ian and Chiu are basically touching nothing else now. In future, the developer will invest more in large VM servers. Jackie asked a question about server hardware failures. Kevin assured her that they fail over transparently. There are six servers; you can unplug one of them and the user's don't even notice it.

There are two scheduled power outages for Deer Creek in the next thirty days. One will affect the test lab only; the other will take down the entire building for a whole weekend.

Kevin asked if I had any status to report. I will be in England all next week, but I will have access to email in the evenings there, which is during the day in Colorado. I am hoping to fix a final submission date at the end of March 2011, but no further out than March.

## References