

Mock Data Run – Online

The control/rack room has seen a number of changes since the last running period, these include:

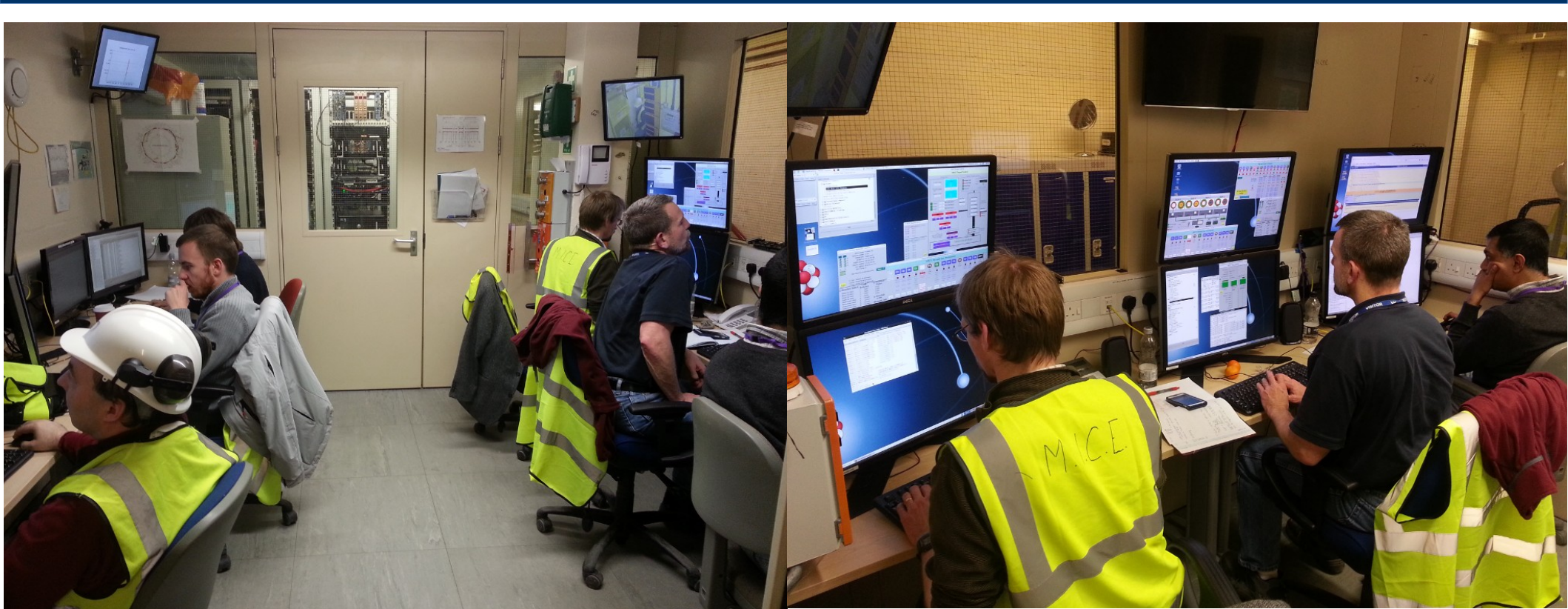
- Upgrades to the MLCR computer terminals to increase screen space, and reduce the 'lost windows' problem.
- Updates to the network switch.
- Larger display based status displays to show alarms and the web whiteboard.
- A monitoring machine, to perform routine PC health checks. This system is currently being deployed.

The Mock data run is the first time these changes have been used in a shift.

Mock Data Run – Online

- For the Mock Data Run all the operator terminals were connected.
- The alarm handler display was wall mounted, but not yet connected. The web whiteboard is yet to be wall mounted.
- Last week a number of maintenance operations (replacing dead disks) and final OS installs were completed: SL6.4 on miceiocpc1 after dead disks and SL5.7 on miceiocpchv to support old CAEN HV card.
- This week preparation for the run mainly involved final system tweaks, and supporting other activities.

Run Photos



- The extra screen space was appreciated by all.

Machine Monitoring

Nagios®

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Current Status

Tactical Overview

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 - Grid
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Current Network Status

Last Updated: Wed Jan 21 23:48:37 GMT 2015
 Updated every 90 seconds
 Nagios® Core™ 3.5.1 - www.nagios.org
 Logged in as mice

Host Status Totals

Up	Down	Unreachable	Pending
80	9	0	0

All Problems	All Types
9	89

Service Status Totals

Ok	Warning	Unknown	Critical	Pending
205	2	0	39	0

All Problems	All Types
41	246

- [View Service Status Detail For All Host Groups](#)
- [View Status Overview For All Host Groups](#)
- [View Status Summary For All Host Groups](#)
- [View Status Grid For All Host Groups](#)

Host Status Details For All Host Groups

Limit Results:

Host	Status	Last Check	Duration	Status Information
HA_PLCC01	DOWN	01-21-2015 23:44:54	3d 12h 11m 23s	CRITICAL - Host Unreachable (172.16.246.180)
HA_PT01	DOWN	01-21-2015 23:44:54	3d 12h 11m 23s	CRITICAL - Host Unreachable (172.16.246.181)
HX_INV01	DOWN	01-21-2015 23:44:54	3d 12h 11m 23s	CRITICAL - Host Unreachable (172.16.246.186)
backup1	UP	01-21-2015 23:45:34	3d 12h 14m 50s	PING OK - Packet loss = 0%, RTA = 0.44 ms
cagateway1	UP	01-21-2015 23:45:34	3d 12h 13m 28s	PING OK - Packet loss = 0%, RTA = 0.13 ms
camhall07	UP	01-21-2015 23:45:34	3d 12h 12m 6s	PING OK - Packet loss = 0%, RTA = 0.80 ms
camhall08	UP	01-21-2015 23:45:34	3d 12h 14m 49s	PING OK - Packet loss = 0%, RTA = 0.70 ms
camhall09	UP	01-21-2015 23:45:34	3d 12h 16m 13s+	PING OK - Packet loss = 0%, RTA = 0.55 ms
camhall10	DOWN	01-21-2015 23:45:04	3d 12h 11m 13s	CRITICAL - Host Unreachable (172.16.246.90)
camhall11	UP	01-21-2015 23:45:34	3d 12h 13m 27s	PING OK - Packet loss = 0%, RTA = 1.07 ms
camhall12	UP	01-21-2015 23:45:34	3d 12h 12m 5s	PING OK - Packet loss = 0%, RTA = 0.60 ms
camhall13	DOWN	01-21-2015 23:45:04	3d 12h 11m 13s	CRITICAL - Host Unreachable (172.16.246.93)
camhall14	UP	01-21-2015 23:45:34	3d 12h 13m 26s	PING OK - Packet loss = 0%, RTA = 0.52 ms
camhall15	UP	01-21-2015 23:45:34	3d 12h 12m 4s	PING OK - Packet loss = 0%, RTA = 0.69 ms
camhall16	UP	01-21-2015 23:45:34	3d 12h 14m 47s	PING OK - Packet loss = 0%, RTA = 0.61 ms

Conclusions

The upgrades to the control room have substantially improved usability during the run. These were tested thoroughly.

The control room is moving towards its step IV configuration. In addition a number of machines in the rack room will be replaced over the coming month, to more robust machines.

The nagios system is 50% deployed and will be finished in the coming weeks, this should alert us to machine problems before they halt running.