

Public

BMRS User Group

Meeting 5

6 November 2015



Health & Safety

In case of an emergency

An alarm will sound to alert you. The alarm is tested for fifteen seconds every Wednesday at 9.20am

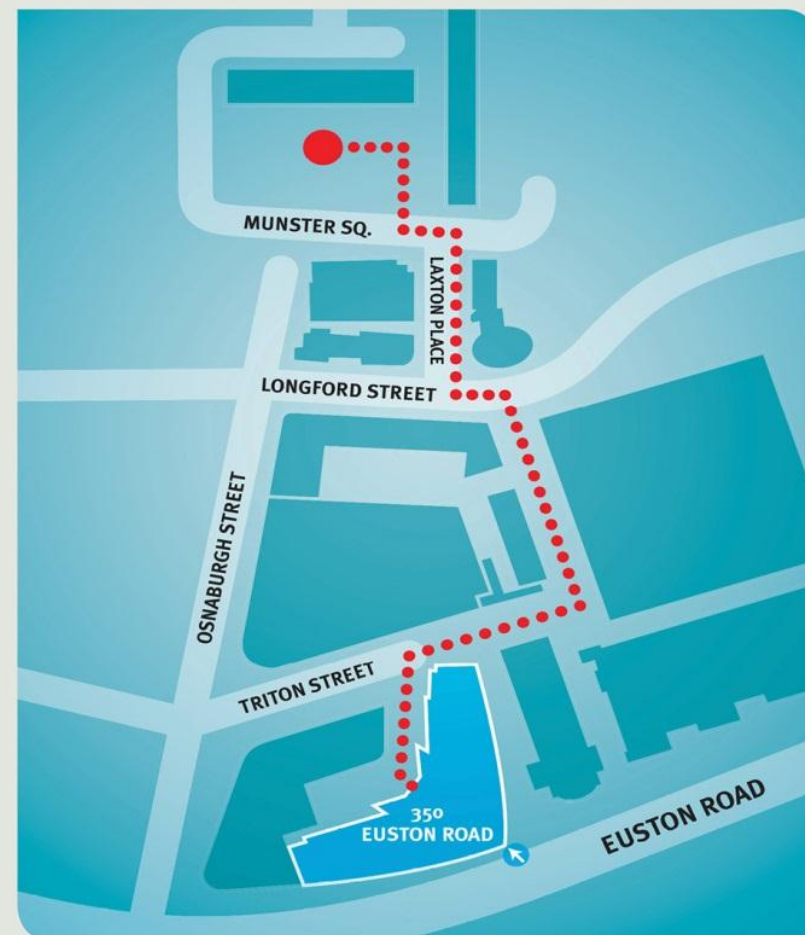
Evacuating 350 Euston Road

- If you discover a fire, operate one of the fire alarms next to the four emergency exits.
- Please do not tackle a fire yourself.
- If you hear the alarm, please leave the building immediately.
- Evacuate by the nearest signposted fire exit and walk to the assembly point.
- Please remain with a member of ELEXON staff and await further instructions from a Fire Warden.
- For visitors unable to use stairs, a Fire Warden will guide you to a refuge point and let the fire brigade know where you are.

When evacuating please remember

- Do not use the lifts.
- Do not re-enter the building until the all clear has been given by the Fire Warden or ground floor security.

Our team on reception is here to help you, if you have any questions, please do ask them.



Content

- Introductions
- Update on project
- Recap from Meeting 4
- Industry Use Cases
- TIBCO Compression
- Participant Testing
- AOB
- Lunch ($\approx 13:00$)

General Update on project

- Phase 1
 - Main Run OAT
 - Participant Testing
 - Flagged to ISG with Parties experiencing issues establishing NG connectivity

- Phase 2
 - Signed off requirements for Phase 2
 - Defined solution for for BMRS push data service
 - Completing design for Phase 2

- Phase 3
 - Planning for Phase 3 starting next week

Recap From Meeting 4

- **Action:** ELEXON will follow up with National Grid to ensure guidance given to participants are aligned.
 - **Update:** ELEXON working closely with NG for testing of the files and ensure any issues are communicated.
- **Action:** ELEXON to follow up with users during testing and post go live for possible improvement to the Web UI.
 - **Update:** Will gather feedback from users in Q1 2015 and review for implementation / seek approval from ISG for a phase 3 implementation
- **Action:** CGI/ELEXON will review providing more slots in line with the proposal and communicate with users if this is possible (discussed later)
- **Suggestion:** To provide an extra day e.g. 19th November to allow parties to establish connectivity (discussed later)
- **Action:** EDF will prepare some use cases to be discussed at the next meeting (discussed next)



Industry Use Cases

ETR Data Submissions

- Submission of ETR Files
- REMIT Data
- Use of Mixed Resolutions
- A03 Curve Types
- Industry Examples



TIBCO Compression Solution

ELEXON

TIBCO Compression

- What is the problem?
 - Participants occasionally disconnect from our Tibco server
 - Data published during the disconnected time is lost
 - Lack of sequencing makes filling the gaps challenging

- Why does this happen?
 - Transport Control Protocol (TCP) - reliable, robust, clever
 - Makes best use of connectivity available - detects and resolves problems
 - Tibco interferes with TCP – resets windows, implements its own flow control
 - Prioritises speed and latest data – not reliability and complete data
 - Voluntarily disconnects itself

TIBCO Compression

- Tibco Compression
 - Existing Tibco servers offer a new, optional service on a new port
 - Data over the new port is compressed
 - Transparent to both ends

- Benefits of compression
 - Data transmitted to participants is smaller
 - Lower chance of Tibco deciding to disconnect

TIBCO Compression

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- Impacts of Deployment
 - Virtually none for Central Systems – sits in parallel to existing service
 - Small configuration change for participants, small data loss window
 - Biggest impact is for participants who outsource (contractor costs)
 - Impact could be reduced by suspending publishing for small agreed periods

- Implementation timescales
 - Central Systems can deploy at any time
 - Suggested 6 month participant rollout window
 - Benefits will be incremental as rollout proceeds



Participant Testing

Participant Testing

- Supported participant tests
 - 10 to 12 November and
 - 20 and 21 November

- Participant test document

- Caveats
 - Portal functionality being fixed
 - Limited success with EMFIP

- Unavailable Dates



AOB