

<b>Change Proposal – BSCP40/02</b>	CP No: 1383  <i>Version No: v0.1</i> <i>(mandatory by BSCCo)</i>
<b>Title</b> <i>(mandatory by originator)</i>  Upgrade of NHHDA and EAC/AA systems to Oracle 11g.	
<b>Description of Problem/Issue</b> <i>(mandatory by originator)</i>  The current versions of NHHDA and EAC/AA applications that ELEXON provide to Party Agents run on Oracle 10g, for which Oracle Corporation ended application support in July 2012. This means these systems are now running on unsupported platforms.	
<b>Proposed Solution</b> <i>(mandatory by originator)</i>  Upgrade EAC/AA and NHHDA to the latest version of Oracle 11g that is available.	
<b>Justification for Change</b> <i>(mandatory by originator)</i>  <p>As the current version of Oracle is unsupported, if problems were encountered with the database products, they could not be resolved without recourse to an upgrade, which in turn could not be completed within a reasonable timeframe. Any proposed workaround may not resolve the issue and the only solution would be an Oracle upgrade.</p> <p>While there is a low probability of this risk occurring, it could have a significant impact on Settlement. Therefore, after consultation with the Software Technical Advisory Group (STAG), we feel it is important to look into beginning the upgrade now.</p> <p>Upgrading the NHHDA and EAC/AA systems to operate under Oracle 11g would ensure compatibility with the latest fully supported Oracle release. As a consequence, the upgrade would have a number of material benefits for both the developer and users of this software:</p> <p>(1) Maintain availability of full vendor support service (i.e. including Error Correction Support (ECS)) for both developer and users of the applications;</p>	

(2) Minimise risk of being unable to take advantage of any defect fixes and other enhancements made available by the vendor;

(3) Minimise reliance on reduced vendor support service for both developer and users; and

(4) Minimise cost of vendor support for both developer and users.

The upgraded version of the NHHDA and EAC/AA systems will maintain compatibility with the latest fully supported Oracle Forms release for both server and client components.

**To which section of the Code does the CP relate, and does the CP facilitate the current provisions of the Code?** *(mandatory by originator)*

Section F

**Estimated Implementation Costs** *(mandatory by BSCCo)*

20 ELEXON man days of effort to implement the redlined changes. 20 ELEXON man days equates to £4800.

**Configurable Items Affected by Proposed Solution(s)** *(mandatory by originator)*

EAC/AA and NHHDA Software and supporting Software Documents.

**Impact on Core Industry Documents or System Operator-Transmission Owner Code** *(mandatory by originator)*

No impact identified.

**Related Changes and/or Projects** *(mandatory by BSCCo)*

This change proposal is related to both CP1116 and CP1117 from 2006 when the previous upgrade was carried out. CP1116 and CP1117 proposed the upgrade of the SVA System and SVA Agent Applications software applications to operate using Oracle 10g client and server. Consequently, these have now expired.

**Requested Implementation Date** (*mandatory by originator*)

Requested Implementation for 27 June 2013 as part of the June 2013 BSC Systems Release.

**Reason:**

The current version of Oracle is unsupported; therefore if any problems arise with the database products, these could not be resolved without the upgrade. This will require a significant amount of work and time to complete. Therefore the June 2013 Release is the most realistic.

It is also important to note that if CP1383 is approved as part of the June 2013 Release, then possibly 6-8 months will be required from that point onwards to allow the Party Agents to upgrade to the new version fully.

**Version History** (*mandatory by BSCCo*)

V1.0 of CP1383 was issued on 26 October 2012

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Attachments: ¥/N