

The logo for Veritek, featuring the word "VERITEK" in a blue, serif font. A vertical line is positioned to the left of the text, and a horizontal line is positioned below it, forming a partial frame around the word.

VERITEK

Audit of D+1 Processes

Addendum to Final Report

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Date Audit Report Complete: 26/04/16

Audit of D+1 Processes. Addendum to Final Report

This report titled "Audit of D+1 Processes. Addendum to Final Report." is an addendum to the earlier report titled "Audit of D+1 Processes", which was provided on 07/04/16.

Gas Industry Company has requested that two additional items be evaluated. The table below contains details of the two items, along with my findings.

Area of Evaluation	Opportunity for Improvement?	Comments
<p>Security of data on the D+1 server – how is this ensured</p>	<p>No</p>	<p>Because the model sits on a separate, independent server it is not accessible except for specific user identification codes that have been authorised to access that server. This ensures that access security is tight.</p> <p>The server uses a RAID configuration to provide a level of backup against hardware failure. In addition, an image of the server (i.e. including the database itself) is streamed to an off-site backup twice per day.</p> <p>A similar system (development system) is running on the Concept server and is effectively a backup to the main system. It is not identical because it is a development system but could be used as a backup if required.</p> <p>Finally, the input data remains on the FTP server and can be used to "re-run" the outputs if required.</p>
<p>The process for providing the results to participants. How do we ensure that the results are sent to the right people (and no one inadvertently gets data intended for another participant).</p>	<p>Yes</p>	<p>FTP is the main method used to transfer data. This process uses the GIEP exchange, where files are automatically allocated to participants depending on the file naming convention. There is little risk with participants inadvertently receiving data intended for a different participant.</p> <p>In parallel to this, emails are sent to each participant containing the same information as is transferred by FTP. This process has a manual component and is open to error. It is proposed that the parallel email process is discontinued.</p>