

## Message

**From:** Gribben, Jonathan [Jonathan.Gribben@postoffice.co.uk] **GRO**  
**Sent:** 28/03/2017 10:32:06  
**To:** Rodric Williams [rodric.williams@postoffice.co.uk] **GRO**  
**CC:** Parsons, Andrew [Andrew.Parsons@postoffice.co.uk] **GRO**; Mark Underwood [mark.underwood1@postoffice.co.uk] **GRO**  
**Subject:** FW: Post Office/Horizon- SUBJECT TO PRIVILEGE - DO NOT FORWARD [BD-4A.FID26940628]  
**Attachments:** \_DOC\_35450532(1)\_Database Securityv0 2 Fujitsu Final Draft (Post Office ....docx; \_DOC\_35464601(1)\_NDA - Post Office Limited & Fujitsu Services\_ 28 March ....docx

Rod,

Updated to cover the NDA.

Many thanks

Jonny

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Dear Chris,

Please find attached a final version of the NDA for signature.

Thank you for providing the Report last week. We have reviewed it carefully and added a number of questions/requests for clarification as comments – please see attached. I'd be grateful if Fujitsu were able to address each of these comments and produce an updated version of the Report. It would be very helpful for us to have that this week – please do let me know if you do not think this will be possible.

As noted in my email of 17 March, Deloitte are engaged with us on a related piece of work - examining the key controls that protect the integrity of non-counter transaction data. They have been asked to provide answers to the following questions:

1. Are there any gaps in the controls around non-counter initiated transactions that could call into question the integrity of the data generated in relation to these transactions?
2. If there are gaps:
  - a. Could they be the cause of discrepancies in branch accounts (or could they mean that errors in Horizon would not be revealed and those errors could then be the cause of discrepancies in branch accounts); and
  - b. What is the risk of those gaps (or resulting discrepancies) materialising?

In order to be able to provide answers to these questions, Deloitte have proposed performing the following procedures:

1. a workshop to verify Deloitte's understanding of data flows and validate the existence and completeness of controls over the current reconciliation process, including how Transaction Acknowledgments are utilised;
2. reviewing and testing the key reconciliation controls between key data sources within the data flow as highlighted within the table below; and
3. an analytics pilot to assess feasibility and then perform reconciliation between raw data files received by PODG and the interpretation of these non-counter transactions into the BRDB transaction files.

Naturally, these will require some input from Fujitsu. I'd be grateful if you would let me know who Deloitte should contact to progress the matter.

Kind regards,

Rodric

#	Summarise Control Wording
1	External transactions sent via PODG such that the External Transaction files that are currently sent from Ingenico (PAYSTATION) and Wincor Nixdorf (POST&GO) are routed to the Branch Database as well as sending the data to the Credence system. There is a reconciliation between Credence & BRDB.
2	For each Transaction Acknowledgement generated, a new transaction pair is created for POLSAP. The transaction delivered to POLSAP will have a Reference number that matches the reference number used in the Transaction Acknowledgement record generation. This allows POLSAP to match with the Transaction Acknowledgement once the TA has been accepted by the Postmaster.
30	AP Client File Reconciliation APSS2222.ksh will reconcile the data in the files that it delivered to a Client with the data in the files that Credence delivered to a Client.
31	TPS to AP Reconciliation TPSC227 writes APS transaction data to a formatted file that will later be used by the APS host program APSC2051 to reconcile data from TPS with that from APS.

**From:** Defence Legal (Chris Jay) [mailto:Legal.Defence@GRO]  
**Sent:** 22 March 2017 16:40  
**To:** Rodric Williams; Mark Underwood [mailto:mark.underwood@GRO]  
**Cc:** Newsome Pete  
**Subject:** Post Office/Horizon- SUBJECT TO PRIVILEGE - DO NOT FORWARD

Dear Rodric,

Please find attached the Fujitsu Report on "Database Security in Horizon Online", as requested.

Could you kindly acknowledge receipt.

Many thanks.

Best regards,

Chris

Christopher Jay, Senior Counsel

FUJITSU

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