

Hi [REDACTED]

I have worked out the sequencing for all accession numbers with multiple Studies.(production backup from July 2017)

Attached is a list of all such accession numbers and the associated Study_UIDs.

I have used a '.' to separate the acc_itn and the seqno, but will send through an updated list depending on the feedback from AGFA (AGFA yet to confirm the special character to be used as a separator).

Will this help, can we get this included in the next extract?

Regards,

[REDACTED] | IDIS Data Migration Analyst - UCPH Digital Solutions Program
Mobile: [REDACTED] | Email: [REDACTED]@act.gov.au

From: [REDACTED] [mailto:[REDACTED]]
Sent: Wednesday, 29 November 2017 10:41 AM
To: [REDACTED] (Health) <[REDACTED]>
Cc: [REDACTED] (Health) <[REDACTED]@act.gov.au>; Duggan, Mark (Health) <Mark.Duggan@act.gov.au>; [REDACTED] (Health) <[REDACTED]@act.gov.au>; Crossley, Nick <Nick.Crossley@act.gov.au>; [REDACTED]
<[REDACTED]>
Subject: RE: PACS Extract [SEC=UNCLASSIFIED]

Hello [REDACTED]

I was advised that this can be done but adds a very high level of complexity from our side. This logic will not be applied in the next batch of extracts.

Please advise when you get further information from Agfa about this topic

Kind Regards,

Siemens Healthcare Pty Ltd
160 Herring Road
Macquarie Park NSW 2113

Tel: +61 (0) 2 9491 5009
Mobile: [REDACTED]
Email: [REDACTED]
Internet: www.healthcare.siemens.com.au

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From: [REDACTED] (Health) [mailto:[REDACTED]@act.gov.au]

Sent: Tue, 28 November 2017 4:51 PM

To: [REDACTED]

Cc: [REDACTED] (Health); Duggan, Mark (Health); [REDACTED] (Health); Crossley, Nick; Nick [REDACTED]

Subject: RE: PACS Extract [SEC=UNCLASSIFIED]

[REDACTED]

I have confirmed with Agfa that they do need the Study UID's to be in separate records where there are more than one Study UID for a given accession number. The preferred method of ensuring uniqueness of accession numbers is currently being confirmed by Agfa, but it is expected that it will be something like the following:

Original:

[REDACTED]
[REDACTED]

Becomes:

[REDACTED]
[REDACTED]

This will ensure that the unique accession numbers generated do not conflict with existing values. We have done a quick analysis of current data and an approach like this will not introduce issues.

I will confirm Agfa's preferred approach as soon as I get their feedback.

Regards

[REDACTED]

[REDACTED] | IDIS Delivery Manager - UCPH Digital Solutions Program

Phone: [REDACTED] | Mobile: [REDACTED] | Email: [REDACTED]

Future Capability & Governance | Digital Solutions Division | Health Directorate | ACT Government

Level 10, Building 1, TCH, Garran ACT | PO Box 11, Woden ACT 2606 | www.act.gov.au

From: [REDACTED] [mailto:[REDACTED]]

Sent: Tuesday, 28 November 2017 8:28 AM

To: [REDACTED] (Health) <[REDACTED]> [REDACTED] (Health)

<[REDACTED]@act.gov.au>

Subject: RE: PACS Extract [SEC=UNCLASSIFIED]

Hello [REDACTED] and [REDACTED]

I was advised by our headquarters that creating a separate record per Study UID is a major risk as the new accession numbers may already exist in the database. Preferred method would be to separate the Study UID by a delimiter of your choice (, . -) or to create a separate file for records containing multiple Study UID's. Can you please advise on how you want to proceed with this?

Kind Regards,

[REDACTED]
[REDACTED]

Siemens Healthcare Pty Ltd
160 Herring Road
Macquarie Park NSW 2113

Tel: +61 (0) 2 9491 5009

Email: [REDACTED]

Internet: www.healthcare.siemens.com.au



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Heland, Rebecca (Health)

From: [REDACTED] <[REDACTED]>
Sent: Tuesday, 12 December 2017 10:58 AM
To: [REDACTED] (Health)
Cc: [REDACTED] (Health); [REDACTED] (Health); [REDACTED]
Subject: Re: RIS Extract [SEC=UNCLASSIFIED]

Hi [REDACTED]

As discussed just now, this was the feedback from [REDACTED]

Hi [REDACTED]

I have imported these extracts and the results are as expected.

- A dummy Physician was used
- 1520 requested procedure records have a duplicate StudyUID
- 158812 report records are missing a link to requested procedure

Kind Regards,

[REDACTED]
 [REDACTED]
 T [REDACTED]

Kind Regards,

[REDACTED] | [REDACTED]
 ASPAC Imaging Services Manager / Project Manager | HE/Solutions
 T +61 3 9756 4308 | F +61 2 9647 2742 | M [REDACTED]

[REDACTED] Australia Pty Ltd. Unit 18, 52 Holker St, Silverwater NSW 2128 Australia
<http://www.agfahealthcare.com>
[http://blog.\[REDACTED\].com](http://blog.[REDACTED].com)

Multi-Purpose DR 800
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 Go Hands-on at RSNA Booth #3300! DR 800 is not yet available in the US & Canada

Click on link to read important disclaimer: <http://www.agfahealthcare.com/maildisclaimer>

From: [REDACTED]
To: [REDACTED]
Date: 07/12/2017 12:59
Subject: RIS Extract [SEC=UNCLASSIFIED]

Hi [REDACTED]

As discussed, here are the details for the most recent RIS extract provided.

Patient data: Data cleansed using the initial feedback from Health (RISPACS team), more work will be done in this space.

Doctor data: Doctors file excluded from this extract, base data collection for doctors is being worked on, not finalised yet, decision was made to go ahead with the extracts with Doctor 'Unknown'.

Service Request, Requested Procedure, and Report: The extract contains data for the month of May

Accession numbers which have multiple studies have been suffixed with a sequence number to make them unique (Eg. If accession number [REDACTED] has 2 studies linked to it, the accession numbers are modified as [REDACTED] and [REDACTED] to make them unique). A decimal point has been used to separate the accession no and the suffixed sequence no (**preferred special character to be confirmed by AGFA**)

The modified Accession numbers have been used in Requested Procedures and Reports.

An accession number with multiple Studies will be represented by multiple rows in the Report file with the **same** report body.

Eg.

Requested Procedure

Accession number Study UID

[REDACTED]
[REDACTED]

Report

Accession number Report Body

[REDACTED]: ** Result: Normal

[REDACTED]: ** Result: Normal

Where a study is associated to multiple linked Accession numbers, no modifications have been implemented yet, therefore Study UIDs will not be unique in the Requested Procedure file. I am waiting for access to the PACS database, as in PACS the Studies are associated to unique accession numbers, the issue will be fixed when I have access to PACS.

There are many Services which do not have an associated Study, our analysis shows services prior to 2009 are all missing references to an associated study (Possible reason - studies recorded on films only, yet to receive confirmation from Siemens) A few Services are missing an associated report – raised with Siemens, waiting for reply.

Regards,

[REDACTED]

[REDACTED] | IDIS Data Migration Analyst - UCPH Digital Solutions Program

Mobile: [REDACTED] Email: [REDACTED]@act.gov.au

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Heland, Rebecca (Health)

From: Duggan, Mark (Health)
Sent: Monday, 11 December 2017 2:32 PM
To: O'Halloran, Peter (Health); Cook, Sandra (Health)
Subject: IDIS - AGFA contract deliverables

Importance: High

Dear Peter and Sandra,

Following the IDIS management meeting this afternoon it is clear to me that we need to be pushing AGFA hard tomorrow on a number of deliverables. These are the items that [REDACTED] has been somewhat elusive in committing to and we need to flag with AGFA tomorrow that we are expecting the following to be delivered and will be seeking confirmations within 48 hours as to how and when they will be delivered.

They include;

- Data migration – it is set out clearly in the contract that this is AGFA's responsibility not ours to mediate or organise the data sets to be delivered
 - PACS migration options – when do we get clarity on what option is being recommended
- Training plan – we need clarity as to what documentation is being delivered, how the train the trainer sessions will be delivered and when we can expect confirmation as to what engagement is needed from my team and others

As discussed with Sandra it seems to me that we bend to what AGFA want rather than hold them to what they committed to.

I would also like to propose that I take a greater role in the AGFA engagement as I do not believe that this should be an Oakton responsibility.

Thanks,

Mark.

Mark Duggan
Ag Manager
Medical Imaging
Canberra Hospital & Health Services
mark.duggan@act.gov.au
Phone: 6174 7254
Mobile: [REDACTED]

Heland, Rebecca (Health)

From: [REDACTED] (Health)
Sent: Wednesday, 10 January 2018 12:24 PM
To: Crossley, Nick
Cc: [REDACTED] (Health); [REDACTED] (Health); [REDACTED] (Health)
Subject: RE: NOTES: Siemens Telecon - RIS Data Analysis - Canberra Hospital - 20/12/17 [SEC=UNOFFICIAL]

Hi [REDACTED]

We will need to discuss and review all possible options available.

Warm Regards,
 [REDACTED]

From: Crossley, Nick
Sent: Wednesday, 10 January 2018 11:36 AM
To: [REDACTED] (Health) <[REDACTED]@act.gov.au>
Cc: [REDACTED] (Health) <[REDACTED]@act.gov.au>; [REDACTED] (Health) <[REDACTED]@act.gov.au>; [REDACTED] (Health) <[REDACTED]@act.gov.au>
Subject: RE: NOTES: Siemens Telecon - RIS Data Analysis - Canberra Hospital - 20/12/17 [SEC=UNOFFICIAL]

An external USB drive may be the easiest method and plug in one of the Siemens servers in the data centre downstairs

From: Crossley, Nick
Sent: Wednesday, 10 January 2018 9:24 AM
To: [REDACTED] (Health) <[REDACTED]@act.gov.au>
Cc: [REDACTED] (Health) <[REDACTED]@act.gov.au>; [REDACTED] (Health) <[REDACTED]@act.gov.au>; [REDACTED] (Health) <[REDACTED]@act.gov.au>
Subject: RE: NOTES: Siemens Telecon - RIS Data Analysis - Canberra Hospital - 20/12/17 [SEC=UNOFFICIAL]

Until the interim, you can raise this with Scott Barratt + Chris Pearce in the RIS-PACS team for advice. 300GB so unsure if even possible

Regards

Nick Crossley

Project Manager MAIPM, CPPM | Shared Services ICT Health

Phone: +61 2 6207 8919 | Mob [REDACTED]

Shared Services | Chief Minister, Treasury and Economic Development Directorate | ACT Government

Building 1, Lv 10 Canberra Hospital, Garran ACT | PO Box 11, WODEN ACT 2606 | www.act.gov.au

From: [REDACTED] (Health)
Sent: Wednesday, 10 January 2018 9:21 AM
To: Crossley, Nick <Nick.Crossley@act.gov.au>
Cc: [REDACTED] (Health) <[REDACTED]@act.gov.au>; Sampath, [REDACTED] (Health) <[REDACTED]@act.gov.au>; [REDACTED] (Health) <[REDACTED]@act.gov.au>
Subject: RE: NOTES: Siemens Telecon - RIS Data Analysis - Canberra Hospital - 20/12/17 [SEC=UNOFFICIAL]

Hi Nick.

Thanks for the update mate. We will see if [REDACTED] can break-up those massive files for us today. Thanks for your assistance mate.

Warm Regards,
 [REDACTED]

From: Crossley, Nick

Sent: Wednesday, 10 January 2018 9:11 AM

To: [REDACTED] (Health) <[REDACTED]@act.gov.au>

Cc: [REDACTED] (Health) <[REDACTED]@act.gov.au>; [REDACTED] (Health) <[REDACTED]@act.gov.au>; [REDACTED] (Health) <[REDACTED]@act.gov.au>

Subject: RE: NOTES: Siemens Telecon - RIS Data Analysis - Canberra Hospital - 20/12/17 [SEC=UNOFFICIAL]

Hi [REDACTED]

Sorry, I won't be able to look into this till at least Monday. I have other priorities, namely LDAP, Clinical Portal instance and now the my SSICT Project Proposal to adjust on CIO feedback. These are all essentially blockers, I also have another separate project implementation occurring tomorrow and Friday.

Regards

Nick Crossley

Project Manager MAIPM, CPPM | Shared Services ICT Health

Phone: +61 2 6207 8919 | Mob [REDACTED]

Shared Services | Chief Minister, Treasury and Economic Development Directorate | ACT Government

Building 1, Lv 10 Canberra Hospital, Garran ACT | PO Box 11, WODEN ACT 2606 | www.act.gov.au

From: [REDACTED] (Health)

Sent: Wednesday, 10 January 2018 8:57 AM

To: [REDACTED] Crossley, Nick <Nick.Crossley@act.gov.au>

Cc: Duggan, Mark (Health) <Mark.Duggan@act.gov.au>; [REDACTED] <[REDACTED]@act.gov.au>; [REDACTED] (Health) <[REDACTED]@act.gov.au>; Crossley, Nick <Nick.Crossley@act.gov.au>; [REDACTED] (Health) <[REDACTED]@act.gov.au>; [REDACTED] (Health) <[REDACTED]@act.gov.au>

Subject: RE: NOTES: Siemens Telecon - RIS Data Analysis - Canberra Hospital - 20/12/17 [SEC=UNOFFICIAL]

Importance: High

Good Morning [REDACTED]

Absolutely. Nick (Crossley) can we please explore [REDACTED] request below asap. 300G availability as it is quite a large file(s). Please keep us posted.

Many Thanks!

Warm Regards,
 [REDACTED]

From: [REDACTED] [mailto:[REDACTED]]

Sent: Tuesday, 9 January 2018 5:50 PM

To: [REDACTED] (Health) <[REDACTED]@act.gov.au>

Cc: Duggan, Mark (Health) <Mark.Duggan@act.gov.au>; [REDACTED] <[REDACTED]@act.gov.au>; [REDACTED] (Health) <[REDACTED]@act.gov.au>; Crossley, Nick <Nick.Crossley@act.gov.au>; [REDACTED] (Health) <[REDACTED]@act.gov.au>; [REDACTED] (Health) <[REDACTED]@act.gov.au>

Subject: RE: NOTES: Siemens Telecon - RIS Data Analysis - Canberra Hospital - 20/12/17 [SEC=UNOFFICIAL]

Hello [REDACTED]

We will require a share where to dump the 20% data.

Can I please ask you to work with your team and provide us the details of the share.

Originally we discussed a 300G share which will also be used for the final delivery.

Kind Regards,

Siemens Healthcare Pty Ltd
160 Herring Road
Macquarie Park NSW 2113

Tel: +61 (0) 2 9491 5009

Mobile: [REDACTED]

Email: [REDACTED]

Internet: www.healthcare.siemens.com.au



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From: [REDACTED] (Health) [mailto:[REDACTED]act.gov.au]

Sent: Tue, 9 January 2018 4:05 PM

To: [REDACTED]

Cc: Duggan, Mark (Health); [REDACTED]

[REDACTED] (Health); Crossley, Nick; [REDACTED] (Health); [REDACTED] (Health)

Subject: RE: NOTES: Siemens Telecon - RIS Data Analysis - Canberra Hospital - 20/12/17 [SEC=UNOFFICIAL]

Hi [REDACTED]

Well done! Please continue to provide us with any updates from [REDACTED] email 22nd December previously attached and conversations we have had for key deliverables. I look forward in reviewing the other associated artefacts today from [REDACTED] email.

Many Thanks!

Warm Regards,

[REDACTED]

From: [REDACTED] [mailto:[REDACTED]]

Sent: Tuesday, 9 January 2018 2:58 PM

To: [REDACTED] (Health) <[REDACTED]act.gov.au>

Cc: Duggan, Mark (Health) <Mark.Duggan@act.gov.au>; [REDACTED] <[REDACTED]> (Health)
[REDACTED] <[REDACTED]>; [REDACTED] <[REDACTED]>

<[REDACTED]A[REDACTED]act.gov.au>; Crossley, Nick <Nick.Crossley@act.gov.au>; [REDACTED] (Health)

<[REDACTED]> [REDACTED] (Health) <[REDACTED]act.gov.au>

Subject: RE: NOTES: Siemens Telecon - RIS Data Analysis - Canberra Hospital - 20/12/17 [SEC=UNOFFICIAL]

Hello [REDACTED]

I have received some great feedback overnight and this morning. Great progress has been made overnight around the result file and therefore I will be able to share with you and your team the following samples

Shortly I will be sending an email to you and your team to access the following data

Data covers the period of: 01-01-2013 to 20-01-2013

- samples of attachments which should cover a full range of available documents stored on the system
- samples of scan document which should cover a full range of available scan documents stored on the system
- New set of extracts for the same period including the change to the result file

Furthermore, I am hoping to get a finalized Gap Analysis document sometime tomorrow.

Unfortunately to avoid any further delays, I was not able to screen the data. Please have you team analyse the files and provide feedback.

Our team has also advised that if no further changes are required to the files, then we should be able to provide the 20% on the 20th Jan instead of the 29th Jan as previously advised.

Thank you for your patience and apologies for any inconvenience

Kind Regards,

Siemens Healthcare Pty Ltd
160 Herring Road
Macquarie Park NSW 2113

Tel: +61 (0) 2 9491 5009

Mobile: [REDACTED]

Email: [REDACTED]

Internet: www.healthcare.siemens.com.au



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From: [REDACTED] (Health) [mailto:[REDACTED]act.gov.au]

Sent: Tue, 9 January 2018 12:25 PM

To: [REDACTED]

Cc: Duggan, Mark (Health); [REDACTED]

[REDACTED] (Health); Crossley, Nick; [REDACTED] (Health); [REDACTED] (Health)

Subject: RE: NOTES: Siemens Telecon - RIS Data Analysis - Canberra Hospital - 20/12/17 [SEC=UNOFFICIAL]

Hi [REDACTED]

Thanks for the update. Please continue to keep us posted on how we are tracking from key deliverables from December 2017 discussions.

Warm Regards,
 [REDACTED]

From: [REDACTED] [mailto:[REDACTED]]
Sent: Tuesday, 9 January 2018 12:23 PM
To: [REDACTED] (Health) <[REDACTED]@act.gov.au>
Cc: Duggan, Mark (Health) <Mark.Duggan@act.gov.au>; [REDACTED] <[REDACTED]>
 [REDACTED] <[REDACTED]> (Health)
 <[REDACTED]@act.gov.au>; Crossley, Nick <Nick.Crossley@act.gov.au>; [REDACTED] (Health)
 <[REDACTED]@act.gov.au>
Subject: RE: NOTES: Siemens Telecon - RIS Data Analysis - Canberra Hospital - 20/12/17 [SEC=UNOFFICIAL]

Hello [REDACTED]

I received further updates overnight and this morning. Further progress were made around the changes to the result file.

will update further later today as I filter through the information.

Kind Regards,
 [REDACTED]

Siemens Healthcare Pty Ltd

160 Herring Road
 Macquarie Park NSW 2113

Tel: +61 (0) 2 9491 5009

Mobile: [REDACTED]

Email: [REDACTED]

Internet: www.healthcare.siemens.com.au



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From: [REDACTED] (Health) [mailto:[REDACTED]@act.gov.au]
Sent: Tue, 9 January 2018 9:27 AM
To: [REDACTED]
Cc: Duggan, Mark (Health); [REDACTED]
 [REDACTED] (Health); Crossley, Nick; [REDACTED] (Health); [REDACTED] (Health)
Subject: RE: NOTES: Siemens Telecon - RIS Data Analysis - Canberra Hospital - 20/12/17 [SEC=UNOFFICIAL]

Good Morning [REDACTED]

Thank you for getting back to me. I will have to discuss this internally moving forward with regards to movement to the 29th as this will cause slippages on the project schedule. Also, regarding the detailed mapping, will this be delivered this week (it was due on Monday 8th of January)?

Many Thanks [REDACTED]

Warm Regards,
[REDACTED]

From: [REDACTED] [mailto:[REDACTED]]
Sent: Monday, 8 January 2018 6:10 PM
To: [REDACTED] (Health) <[REDACTED]@act.gov.au>
Cc: Duggan, Mark (Health) <Mark.Duggan@act.gov.au>; [REDACTED] <[REDACTED]@[REDACTED].com>; [REDACTED] <[REDACTED]@[REDACTED].com> (Health) <[REDACTED]@act.gov.au>; Crossley, Nick <Nick.Crossley@act.gov.au>; [REDACTED] <[REDACTED]@[REDACTED].com> (Health) <[REDACTED]@act.gov.au>
Subject: RE: NOTES: Siemens Telecon - RIS Data Analysis - Canberra Hospital - 20/12/17 [SEC=UNOFFICIAL]

Hello [REDACTED]

Extensive work has begun early last week and I am hoping to get both the gap Analysis and attachment samples around mid-week.

The hot topic at this point is about the 20% delivery due on 19th of Jan. As pointed out by [REDACTED] before Christmas, we have advised that dates maybe pushed (by 2 weeks minimum) due to the complexity of the change to the result file and this will most likely affect the delivery date.

After numerous discussions with the team last week, the following scenario was proposed

- A 2 week sample (similar to what we provided in the past) will be provided on the 19th of Jan containing the changes to the result file, the output will be assessed by your team and we'll require an approval to move forward with the 20% delivery
- Once approval is confirmed, then we will work on delivering the 20% on the 29th of Jan

Since extensive work has already begun in this area, we would like to work with the above dates.

Please let me know if these dates work for you

Apologies for any inconvenience

Kind Regards,

Siemens Healthcare Pty Ltd
 160 Herring Road
 Macquarie Park NSW 2113

Tel: +61 (0) 2 9491 5009

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Email: [REDACTED]

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From: [REDACTED] (Health) [mailto:[REDACTED]@act.gov.au]

Sent: Mon, 8 January 2018 3:53 PM

To: [REDACTED]

Cc: Duggan, Mark (Health); [REDACTED] (Health); Crossley, Nick; [REDACTED] (Health); [REDACTED] (Health)

Subject: RE: NOTES: Siemens Telecon - RIS Data Analysis - Canberra Hospital - 20/12/17 [SEC=UNOFFICIAL]

Importance: High

Welcome Back Everyone.

I hope your holidays were good!

Just following up on how we are progressing with the line items below, any updates. The detail mapping and gap analysis is due today 8th of January 2018.

Many Thanks.

Warm Regards,

[REDACTED]

From: [REDACTED] [mailto:[REDACTED]]

Sent: Wednesday, 20 December 2017 3:05 PM

To: [REDACTED] (Health) <[REDACTED]@act.gov.au>; Crossley, Nick <Nick.Crossley@act.gov.au>; [REDACTED] (Health) <[REDACTED]@act.gov.au>; [REDACTED] (Health) <[REDACTED]@act.gov.au>; [REDACTED] (Health) <[REDACTED]@act.gov.au>; [REDACTED] <[REDACTED]>

Cc: Duggan, Mark (Health) <Mark.Duggan@act.gov.au>; [REDACTED] <[REDACTED]>

[REDACTED]

Subject: NOTES: Siemens Telecon - RIS Data Analysis - Canberra Hospital - 20/12/17

Hi All

Please see my Meeting Notes following our meeting today (in purple).

Further to the notes/actions, we prioritised the deliverables for our RIS data migration resource upon return on 2nd Jan as follows:

1. Attachments Samples (3rd Jan)
2. Mapping Document & Gap Analysis (8th Jan)
3. Accession Number Change (on 19th Jan with 20% migration for RIS/PACS) – Part A
4. Test Data Extract - Part B – Attachments

As always, please let me know if any corrections.

MEETING NOTES:

1. RIS/PACS Test Extract

- a. New extract sent by Siemens 8th December
- b. █████ sent feedback 13th December
- c. █████ stepped through the questions relating to the RIS extract in her feedback
- d. █████ stepped through the questions relating to the PACS extract in her feedback
- e. **ACTION** – █████ to send sample data for the topics discussed in c) and d) above by **COB 13th December**.
Complete
- f. **ACTION** – Siemens to get clarification on all topics and confirm date revised extracts will be delivered.
Target – 15th December
 - i. GM 15/12 – Clarifications are in progress between █████ We will deliver updated extracts no later than Wednesday 20th December.
 - ii. PR 15/12 – thank you. Due to Christmas holiday, we will need to have extracts the earliest the possible by Monday 18th. As we officially shut down on Thursday, and █████ will need time to analyse, transform, digest the information and forward to AGFA and loaded on Dev by the 22nd Dec 2017.
 - iii. GM 20/12 – New extracts have been provided for both RIS and PACS on Monday 18th December
 - iv. 20/12 – Canberra team confirmed most data loaded well into the Agfa system. Canberra would like to better understand why something may not be in RIS but in PACS. █████ confirmed very difficult for Siemens to explain this and Canberra should leverage knowledge of their System Administrator whom are responsible for data in and out of RIS/PACS since go-live. ACT Health to discuss variations with RIS/PACS Administrators.
- g. **ACTION** – Siemens to confirm delivery date of mapping documentation as per SoW. **Target – 15th December**
 - i. GM 15/12 – Mapping document to be delivered by Wednesday 20th December.
 - ii. PR 15/12 – Excellent!
 - iii. GM 18/12 – Delivered Monday 18th December
 - iv. PR 15/12 – Excellent
 - v. PR 19/12 –Thanks for the extracts and mappings for RIS (apologies). Thank you and we look forward in seeing the csv files. Yes, everything is looking 'ok' so far, but with regards to the gap analysis it reads very light in content. Can Siemens provide us with more information on the database, quite a bit that's missing?
 - vi. GM 19/12 – Can you provide some examples of what you think is missing? I am not familiar with the front end so wondering if you could provide examples of other fields that are not being migrated to the Agfa system that may be of use? As this is a subjective exercise of what is clinically important, if you have some examples from your side that will help.
 - vii. GM 20/12 - █████ sent through feedback for Mapping File and Gap Analysis. I will feedback and request updated copies of both documents. Timing of these documents dependant on prioritisation against other deliverables.
 - viii. 20/12 – Canberra team confirm this is priority #2, and asked us to target for delivery on 8th Jan. █████ confirmed a good source of information for the gap analysis is the original document he put together at the outset of the project. █████ highlighted that leveraging the System Administrators knowledge of the front-end would be a valuable source of information for any clinically relevant data.

2. Duplicate Accession Number Issue

- a. █████ updated team on █████ questions from last meeting regarding transformation of accession numbers ID to make unique
- b. █████ highlighted data transformations are out of scope as per the SoW

c. **ACTION** - Siemens to verify position on modifying Accession Numbers to make unique for subsequent extracts by 15th December.

- i. GM 15/12 – Our data migration team are uncomfortable with changing the accession number. Reason being is that this is the unique number that links to the report. This number is created by the RIS and is then sent on to downstream systems (i.e. PACS, HIS) and is referred to on Radiology Report that may be with a patient. I want to find a solution for you here. Could we have a technical discussion with Agfa to try and find a path forward?
- ii. PR 15/12 – We understand why Siemens would be uncomfortable, unfortunately, this is the only approach we have in having Siemens modify accession numbers we have and we have discussed this with AGFA. The modified accession number and approach to deal with related image migration, has been discussed previously with AGFA. They are aware of the work involved. Thank You.
- iii. PB 19/12 - Also, as for the Accession numbers, with the 'script' and time/material for Siemens to make those changes, can we explore how much effort will your technical resource be able to commit as an option to make those changes? [REDACTED] and [REDACTED] will get back to you. As for the attachments, how much of a push back are we seeing, in days, weeks?
- iv. GM 19/12 – As mentioned below, I may not know until the 2nd January. I would however expect days, not weeks. I just need to understand how to prioritise the tasks, whether this tasks precedent over the Part 2 Test migration scheduled for 12th Jan.
- v. GM – 20/12 – Overnight our Data Migration resource confirmed approximately 3 additional days effort to do this change and also indicated up to 2 weeks delay in delivery of remaining items in SoW. Canberra to prioritise which tasks our Data Migration resource should focus on from 2nd January.
- vi. 20/12 – Canberra confirmed that this change is priority #3 and asked us to deliver this with the 20% test data extract requested by 19th January. Siemens confirmed this timing is fine.

3. PACS Test System

- a. [REDACTED] confirmed that to create a Test PACS system, we require a VM with an oracle license. Then the back-up could be important into the VM.
- b. **ACTION** – Siemens to provide a quote to create a Test PACS VM including Professional Services and an Oracle license. **Target – Wednesday 20th December**
 - i. GM 20/12 – Siemens has supplied the CSV DB export of key tables from DB as interim measure. Siemens unable to provide a quotation for an oracle license for a test server. As Imaging PACS is a legacy system, Siemens no longer have an arrangement in place with Oracle we can leverage for short term use license.
 - ii. 20/12 - All agreed to park this for now and use the CSV method for PACS DB. [REDACTED] confirmed we can supply refreshed CSV's for the 5 PACS tables upon request in place of the PACS back-ups mentioned in the SoW.
- c. **ACTION** – Nick to confirm a storage location to store the attachments. **Target – Wednesday 20th December**

- i. PR 15/12 – Target is for 2nd of January 2018 as the samples will be delivered by the 3rd of January 2018.
- d. ██████ requested in interim, whether an export of the tables used in the PACS migrations was possible to a CSV.
- e. **ACTION** – ██████ to confirm whether CSV exports of tables used in PACS extract is possible by 15th December.
 - i. GM 15/12 – This is possible but quite a bit of work involved from our side to make happen. There would also be a limitation with Excel when opening the CSV due to size of the tables so you won't be able to work with it in Excel. The best and fastest option is to go with the oracle option. From my understanding of oracle licensing, you can install oracle and start work whilst the purchase happens in the background to move forward. Has ACT health got any arrangement in place with Oracle directly?
 - ii. PR 15/12 – ACT Health does not have an Oracle agreements in place, the csv is going to be loaded into sql server, excel will not be used to analyse, so therefore size is not an issue.
 - iii. GM 20/12 – CSV extracts provided 19/11/17.
 - iv. 20/12 – ██████ to finish loading CSV files. All looks OK so far and good solution.

4. RIS Extract Part 2 - Attachments

- a. ██████ requested an example of each type of attachment file (Interactive documents, protocol documents, clinical alerts & scanned images) a head of the target delivery date of 12th January as per SoW.
- b. **ACTION** – ██████ to request and confirm an indicative date by 15th December.
 - i. GM 15/12 – I can confirm we can deliver this on 3rd January.
 - ii. PR 15/12 – ██████ and ██████ will be away until the 8th of January. This is fine.
 - iii. Following the meeting ██████ requested whether this could be delivered by 20th December.
 - iv. GM – The SoW has this task due 12th Jan. I have resource allocated to do this from 2nd January and can confirm this sample set will be delivered by 3rd January. Due to planned leave next week and being the week before Xmas it will be difficult for me to find an alternate resource to meet 20th December. Can you work with this timing? (We have provided a good sample set of attachments previously which maybe a good start. You may also be able to get the info you required from your System Administrator?).
 - v. PR 15/12 - Fine
 - vi. GM 20/12 – Needs to be prioritised against the accession number change on 2) above.
 - vii. 20/12 – Canberra agreed this task is #1 priority, this will be commenced on 2nd January by Siemens resource when back from leave. This will be ready for Canberra team when back on 8th January.

5. New Test Extract request

Subject: RE: NOTES: Siemens Telecon - RIS Data Analysis - Canberra Hospital - 13/12/17 [SEC=UNOFFICIAL]
Importance: High

Hi [REDACTED]

Thank you for your quick response!

I have highlighted my question in red.

Warm Regards,
 [REDACTED]

From: [REDACTED] [mailto:[REDACTED]]
Sent: Friday, 15 December 2017 11:05 AM
To: [REDACTED] (Health) <[REDACTED]@act.gov.au>; Crossley, Nick <Nick.Crossley@act.gov.au>; [REDACTED]
 <[REDACTED]@act.gov.au>; [REDACTED] (Health) <[REDACTED]@act.gov.au>; [REDACTED]
 (Health) <[REDACTED]>
Cc: [REDACTED] (Health) <[REDACTED]@act.gov.au>; Duggan, Mark (Health) <Mark.Duggan@act.gov.au>;
 [REDACTED] <[REDACTED]>
Subject: RE: NOTES: Siemens Telecon - RIS Data Analysis - Canberra Hospital - 13/12/17 [SEC=UNOFFICIAL]

Hi All

Please find below amended minutes as per feedback from [REDACTED]

I have also included updates for the items flagged for today in **brown**.

1. RIS/PACS Test Extract

- a. New extract sent by Siemens 8th December.
- b. [REDACTED] sent feedback 13th December
- c. [REDACTED] stepped through the questions relating to the RIS extract in her feedback
- d. [REDACTED] stepped through the questions relating to the PACS extract in her feedback
- e. **ACTION** – [REDACTED] to send sample data for the topics discussed in c) and d) above by **COB 13th December**.
Complete
- f. **ACTION** – Siemens to get clarification on all topics and confirm date revised extracts will be delivered.
Target – 15th December
 - i. GM – Clarifications are in progress between [REDACTED] We will deliver updated extracts no later than Wednesday 20th December.
 PR – thank you. Due to Christmas holiday, we will need to have extracts the earliest the possible by Monday 18th. As we officially shut down on Thursday, and [REDACTED] will need time to analyse, transform, digest the information and forward to AGFA and loaded on Dev by the 22nd Dec 2017.
ACTION – Siemens to confirm delivery date of mapping documentation as per SoW. **Target – 15th December**
 - ii. GM – Mapping document to be delivered by Wednesday 20th December.
 PR – Excellent!

Duplicate Accession Number Issue

- g. [REDACTED] updated team on [REDACTED] questions from last meeting regarding transformation of accession numbers ID to make unique
- h. [REDACTED] highlighted data transformations are out of scope as per the SoW
- i. **ACTION** - Siemens to verify position on modifying Accession Numbers to make unique for subsequent extracts by **15th December**.

i. GM – Our data migration team are uncomfortable with changing the accession number. Reason being is that this is the unique number that links to the report. This number is created by the RIS and is then sent on to downstream systems (i.e. PACS, HIS) and is referred to on Radiology Report that may be with a patient. I want to find a solution for you here. Could we have a technical discussion with Agfa to try and find a path forward?

PR – We understand why Siemens would be uncomfortable, unfortunately, this is the only approach we have in having Siemens modify accession numbers we have and we have discussed this with AGFA. The modified accession number and approach to deal with related image migration, has been discussed previously with AGFA. They are aware of the work involved. Thank You.

[REDACTED] to escalate to [REDACTED] if Siemens unable to make this modification as per SoW)

2. PACS Test System

- a. [REDACTED] confirmed that to create a Test PACS system, we require a VM with an oracle license. Then the back-up could be important into the VM.
- b. **ACTION** – Siemens to provide a quote to create a Test PACS VM including Professional Services and an Oracle license. **Target – Wednesday 20th December**
- c. **ACTION** – Nick to confirm a storage location to store the attachments. **Target – Wednesday 20th December**

PR – Target is for 2nd of January 2018 as the samples will be delivered by the 3rd of January 2018.

- d. [REDACTED] requested in interim, whether an export of the tables used in the PACS migrations was possible to a CSV.
- e. **ACTION** – [REDACTED] to confirm whether CSV exports of tables used in PACS extract is possible by **15th December**.

i. GM – This is possible but quite a bit of work involved from our side to make happen. There would also be a limitation with Excel when opening the CSV due to size of the tables so you won't be able to work with it in Excel. The best and fastest option is to go with the oracle option. From my understanding of oracle licensing, you can install oracle and start work whilst the purchase happens in the background to move forward. Has ACT health got any arrangement in place with Oracle directly?

ii. PR – ACT Health does not have an Oracle agreements in place, the csv is going to be loaded into sql server, excel will not be used to analyse, so therefore size is not an issue.

3. RIS Extract Part 2 - Attachments

From: [REDACTED] [mailto:[REDACTED]]
 Sent: Wednesday, 13 December 2017 4:05 PM
 To: Crossley, Nick <Nick.Crossley@act.gov.au>; [REDACTED] <[REDACTED]>
 [REDACTED] (Health) <[REDACTED]@act.gov.au>; [REDACTED] (Health) <[REDACTED]>
 [REDACTED] <[REDACTED]> [REDACTED] (Health)
 <[REDACTED]@act.gov.au>
 Cc: [REDACTED] (Health) <[REDACTED]@act.gov.au>; Duggan, Mark (Health) <Mark.Duggan@act.gov.au>
 Subject: NOTES: Siemens Telecon - RIS Data Analysis - Canberra Hospital - 13/12/17

Hi All

Minutes and actions from today's meeting. Please let me know if any amendments.

1. RIS/PACS Test Extract

- a. New extract sent by Siemens 8th December
- b. [REDACTED] sent feedback 13th December
- c. [REDACTED] stepped through the questions relating to the RIS extract in her feedback
- d. [REDACTED] stepped through the questions relating to the PACS extract in her feedback

ACTION – [REDACTED] to send sample data for the topics discussed in c) and d) above by **COB 13th December**.

ACTION – Siemens to get clarification on all topics. **Target – 15th December**

2. Duplicate Accession Number Issue

- e. [REDACTED] updated team on [REDACTED] questions from last meeting regarding transformation of accession numbers ID to make unique
- f. [REDACTED] highlighted data transformations are out of scope as per the SoW
- g. **ACTION** - Siemens to verify position on modifying Accession Numbers to make unique for subsequent extracts by **15th December**.

([REDACTED] to escalate to [REDACTED] if Siemens unable to make this modification as per SoW)

3. PACS Test System

- h. [REDACTED] confirmed an export of oracle DB to single file is possible. For this to occur the production database would need to be taken down.
- i. [REDACTED] confirmed that to create a Test PACS system, we require a VM with an oracle license. Then the back-up could be important into the VM.
- j. **ACTION** – Siemens to provide a quote to create a Test PACS VM including Professional Services and an Oracle license.
Target – Wednesday 20th December
- k. **ACTION** – Nick to confirm a storage location to store the PACS Database Export. **Target – Wednesday 20th December**
- l. [REDACTED] requested in interim, whether an export of the tables used in the PACS migrations was possible to a CSV.
- m. **ACTION** – [REDACTED] to confirm whether CSV exports of tables used in PACS extract is possible by **15th December**.

4. RIS Extract Part 2 - Attachments

- n. ██████ requested an example of each type of attachment file (Interactive documents, protocol documents, clinical alerts & scanned images) a head of the target delivery date of 12th January as per SoW.
- o. **ACTION** – ██████ to request and confirm an indicative date by **15th December**

5. New Test Extract request

- p. ██████ requested a new test extract for RIS (including attachments) and PACS to be delivered by 19th January which contains 20% of total data
- q. ██████ confirmed it would be great if we can secure 2 months data from each year to make up the 20% extract
- r. **ACTION** – ██████ to confirm whether 2 months of each year is viable option or suggest an alternative. **Target – Wednesday 20th December**
- s. **ACTION** – ██████ to confirm whether this date is achievable. **Target – Wednesday 20th December**

Best regards

From: ██████ ██████ (HC APC AUS SV-CS OP)
Sent: Friday, 8 December 2017 1:21 PM
To: 'Crossley, Nick'; ██████ ██████ ██████ ██████ (Health); ██████ ██████ (Health); ██████ ██████ ██████ ██████ (Health)
Cc: ██████ ██████ (Health); Duggan, Mark (Health)
Subject: NOTES: Siemens Telecon - RIS Data Analysis - Canberra Hospital - 6/12/17

Hi ██████

Please find attached my notes from the meeting on Wednesday.

Further to this, I can confirm as of today we are still awaiting an error free extract to be delivered for both RIS and PACS. We are hoping to have these to you early next week.

With regards to 3. below, I was asked to investigate whether we could modify the extract and modify the accession numbers so these are unique. As per the SoW, as Siemens cannot guarantee the quality of data if changes like this are made, we encourage this change to be made at the Agfa end. There was an out of scope topic in the SoW as per the below.

Transition-Out Activities and Documents Not In-Scope

Execution of any data transformation during the ACT Health will be responsible for any transformation of data prior to extract process. loading into the Agfa system

In saying that, happy to discuss further though if this is not viable.

Meeting Minutes – 6th December 2017

Attendees: ██████ ██████ ██████ ██████ ██████ ██████ ██████

1. [REDACTED] will cover [REDACTED] whilst on leave so all correspondence to include both [REDACTED] and [REDACTED]
2. RIS/PACS Test Extract
 - a. [REDACTED] updated team on progress since last week
 - i. Test extract triaged by [REDACTED] Friday last week
 - ii. Errors found in both RIS and PACS extracts
 - iii. Received new PACS extract Monday, further issues found
 - iv. Received new RIS extract Tuesday, further issues found
 - v. Expect new extracts Thursday, if all OK can send through Friday (earliest)
 - b. Team discussed accuracy of extracts being an issue, and [REDACTED] seeing firsthand what [REDACTED] was facing with earlier extracts
 - c. [REDACTED] confirmed this is the most time consuming task of the process. Once test extract in place and accurate, further extracts will be easy to generate
 - d. Team acknowledged we need to ensure the extract is correct from the source, as opposed to modifying the extracts themselves to meet timelines.
 - e. [REDACTED] confirmed timeline of 12th Dec on track
 - f. [REDACTED] confirmed date of 12th Dec in SoW should have indicated a completion of the test migration as opposed to delivery of test extract
3. Duplicate Accession Number Issue
 - g. [REDACTED] asked whether Siemens can modify extract make accession numbers unique
 - h. [REDACTED] agreed to investigate
4. PACS Migration
 - i. [REDACTED] indicated SDC pilot proposal likely to proceed
 - j. Siemens will need to receive requests from the Agfa RIS to move studies in that order
 - k. SDC Pilot likely to be requested for Jan
 - l. GM to tentatively schedule resources for January
5. PACS Extract
 - m. [REDACTED] request a new single PACS database extract be produced by Siemens. [REDACTED] will investigate if possible
 - n. [REDACTED] requested a network drive
6. Timeline clarification
 - o. [REDACTED] asked for clarification of how migration activity sits on critical path of the project

- p. [REDACTED] confirmed important that there is sufficient time for 2 years studies to be migrated prior to Agfa go-live
- q. [REDACTED] indicated a successfully partial migration needs to be completed by 2nd Feb
- r. Plan is to test full test migration during Feb
- s. Production migration to begin start of March

Best regards

Siemens Healthcare Pty Ltd (Australia)

885 Mountain Highway

Bayswater, 3153

Mobile: [REDACTED]

Work: +61 (0)3 9721 7507

mailto:[REDACTED]@heathineers.com

www.healthcare.siemens.com.au

<< OLE Object: Picture (Device Independent Bitmap) >>

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Heland, Rebecca (Health)

From: [REDACTED] (Health)
Sent: Wednesday, 10 January 2018 9:29 AM
To: Crossley, Nick
Cc: [REDACTED] (Health); [REDACTED] (Health); [REDACTED] (Health)
Subject: RE: NOTES: Siemens Telecon - RIS Data Analysis - Canberra Hospital - 20/12/17 [SEC=UNOFFICIAL]

Cool. Thanks Mate. I will mention it to them.

Many Thanks.

Warm Regards,
 [REDACTED]

From: Crossley, Nick
Sent: Wednesday, 10 January 2018 9:24 AM
To: [REDACTED] (Health) <[REDACTED]@act.gov.au>
Cc: [REDACTED] (Health) <[REDACTED]@act.gov.au>; [REDACTED] (Health) <[REDACTED]@act.gov.au>; [REDACTED] (Health) <[REDACTED]@act.gov.au>
Subject: RE: NOTES: Siemens Telecon - RIS Data Analysis - Canberra Hospital - 20/12/17 [SEC=UNOFFICIAL]

In the interim, you can raise this with Scott Barratt + Chris Pearce in the RIS-PACS team for advice. 300GB so unsure if even possible

Regards

Nick Crossley

Project Manager MAIPM, CPPM | Shared Services ICT Health

Phone: +61 2 6207 8919 | Mob [REDACTED]

Shared Services | Chief Minister, Treasury and Economic Development Directorate | ACT Government
 Building 1, Lv 10 Canberra Hospital, Garran ACT | PO Box 11, WODEN ACT 2606 | www.act.gov.au

From: [REDACTED] (Health)
Sent: Wednesday, 10 January 2018 9:21 AM
To: Crossley, Nick <Nick.Crossley@act.gov.au>
Cc: [REDACTED] (Health) <[REDACTED]@act.gov.au>; [REDACTED] (Health) <[REDACTED]@act.gov.au>; [REDACTED] (Health) <[REDACTED]@act.gov.au>
Subject: RE: NOTES: Siemens Telecon - RIS Data Analysis - Canberra Hospital - 20/12/17 [SEC=UNOFFICIAL]

Hi [REDACTED]

Thanks for the update mate. We will see if [REDACTED] can break-up those massive files for us today. Thanks for your assistance mate.

Warm Regards,
 [REDACTED]

From: Crossley, Nick
Sent: Wednesday, 10 January 2018 9:11 AM
To: [REDACTED] (Health) <[REDACTED]@act.gov.au>
Cc: [REDACTED] (Health) <[REDACTED]@act.gov.au>; [REDACTED] (Health) <[REDACTED]@act.gov.au>; [REDACTED] (Health) <[REDACTED]@act.gov.au>
Subject: RE: NOTES: Siemens Telecon - RIS Data Analysis - Canberra Hospital - 20/12/17 [SEC=UNOFFICIAL]

Hi [REDACTED]

Sorry, I won't be able to look into this till at least Monday. I have other priorities, namely LDAP, Clinical Portal instance and now the my SSICT Project Proposal to adjust on CIO feedback. These are all essentially blockers, I also have another separate project implementation occurring tomorrow and Friday.

Regards

Nick Crossley

Project Manager MAIPM, CPPM | Shared Services ICT Health

Phone: +61 2 6207 8919 | Mob [REDACTED]

Shared Services | Chief Minister, Treasury and Economic Development Directorate | ACT Government

Building 1, Lv 10 Canberra Hospital, Garran ACT | PO Box 11, WODEN ACT 2606 | www.act.gov.au

From: [REDACTED] (Health)

Sent: Wednesday, 10 January 2018 8:57 AM

To: [REDACTED] <[REDACTED]> Crossley, Nick <Nick.Crossley@act.gov.au>

Cc: Duggan, Mark (Health) <Mark.Duggan@act.gov.au>; [REDACTED] <[REDACTED]> [REDACTED].com>; [REDACTED] <[REDACTED]> [REDACTED] (Health) <[REDACTED]@act.gov.au>; Crossley, Nick <Nick.Crossley@act.gov.au>; [REDACTED] (Health) <[REDACTED]@act.gov.au>; [REDACTED] (Health) <[REDACTED]@act.gov.au>

Subject: RE: NOTES: Siemens Telecon - RIS Data Analysis - Canberra Hospital - 20/12/17 [SEC=UNOFFICIAL]

Importance: High

Good Morning [REDACTED]

Absolutely. Nick (Crossley) can we please explore [REDACTED] request below asap. 300G availability as it is quite a large file(s). Please keep us posted.

Many Thanks!

Warm Regards,

From: [REDACTED] [mailto:[REDACTED]]

Sent: Tuesday, 9 January 2018 5:50 PM

To: [REDACTED] (Health) <[REDACTED]@act.gov.au>

Cc: Duggan, Mark (Health) <Mark.Duggan@act.gov.au>; [REDACTED] <[REDACTED]> [REDACTED].com>; [REDACTED] <[REDACTED]> [REDACTED] (Health) <[REDACTED]@act.gov.au>; Crossley, Nick <Nick.Crossley@act.gov.au>; [REDACTED] (Health) <[REDACTED]@act.gov.au>; [REDACTED] (Health) <[REDACTED]@act.gov.au>

Subject: RE: NOTES: Siemens Telecon - RIS Data Analysis - Canberra Hospital - 20/12/17 [SEC=UNOFFICIAL]

Hello [REDACTED]

We will require a share where to dump the 20% data.

Can I please ask you to work with your team and provide us the details of the share.

Originally we discussed a 300G share which will also be used for the final delivery.

Kind Regards,

Siemens Healthcare Pty Ltd

160 Herring Road

Macquarie Park NSW 2113

Tel: +61 (0) 2 9491 5009

Mobile: [REDACTED]

Email: [REDACTED]

Internet: www.healthcare.siemens.com.au



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From: [REDACTED] (Health) [mailto:[REDACTED]@act.gov.au]

Sent: Tue, 9 January 2018 4:05 PM

To: [REDACTED]

Cc: Duggan, Mark (Health); [REDACTED]

[REDACTED] (Health); Crossley, Nick; [REDACTED] (Health); [REDACTED] (Health)

Subject: RE: NOTES: Siemens Telecon - RIS Data Analysis - Canberra Hospital - 20/12/17 [SEC=UNOFFICIAL]

Hi [REDACTED]

Well done! Please continue to provide us with any updates from [REDACTED] email 22nd December previously attached and conversations we have had for key deliverables. I look forward in reviewing the other associated artefacts today from [REDACTED] email.

Many Thanks!

Warm Regards,
[REDACTED]

From: [REDACTED] [mailto:[REDACTED]]

Sent: Tuesday, 9 January 2018 2:58 PM

To: [REDACTED] (Health) <[REDACTED]@act.gov.au>

Cc: Duggan, Mark (Health) <Mark.Duggan@act.gov.au>; [REDACTED] <[REDACTED]@act.gov.au>; [REDACTED] (Health)

<[REDACTED]@act.gov.au>; Crossley, Nick <Nick.Crossley@act.gov.au>; [REDACTED] (Health)

<[REDACTED]@act.gov.au>; [REDACTED] (Health) <[REDACTED]@act.gov.au>

Subject: RE: NOTES: Siemens Telecon - RIS Data Analysis - Canberra Hospital - 20/12/17 [SEC=UNOFFICIAL]

Hello [REDACTED]

I have received some great feedback overnight and this morning. Great progress has been made overnight around the result file and therefore I will be able to share with you and your team the following samples

Shortly I will be sending an email to you and your team to access the following data

Data covers the period of: 01-01-2013 to 20-01-2013

- samples of attachments which should cover a full range of available documents stored on the system
- samples of scan document which should cover a full range of available scan documents stored on the system
- New set of extracts for the same period including the change to the result file

Furthermore, I am hoping to get a finalized Gap Analysis document sometime tomorrow.

Unfortunately to avoid any further delays, I was not able to screen the data. Please have you team analyse the files and provide feedback.

Our team has also advised that if no further changes are required to the files, then we should be able to provide the 20% on the 20th Jan instead of the 29th Jan as previously advised.

Thank you for your patience and apologies for any inconvenience

Kind Regards,

Siemens Healthcare Pty Ltd

160 Herring Road
Macquarie Park NSW 2113

Tel: +61 (0) 2 9491 5009

Mobile: [REDACTED]

Email: [REDACTED]

Internet: www.healthcare.siemens.com.au



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From: [REDACTED] (Health) [mailto:[REDACTED]Rivas@act.gov.au]

Sent: Tue, 9 January 2018 12:25 PM

To: [REDACTED]

Cc: Duggan, Mark (Health); [REDACTED]

[REDACTED] (Health); Crossley, Nick; [REDACTED] (Health); [REDACTED] (Health)

Subject: RE: NOTES: Siemens Telecon - RIS Data Analysis - Canberra Hospital - 20/12/17 [SEC=UNOFFICIAL]

Hi [REDACTED]

Thanks for the update. Please continue to keep us posted on how we are tracking from key deliverables from December 2017 discussions.

Warm Regards,

From: [REDACTED] [mailto:[REDACTED]]

Sent: Tuesday, 9 January 2018 12:23 PM

To: [REDACTED] (Health) <[REDACTED]@act.gov.au>

Cc: Duggan, Mark (Health) <Mark.Duggan@act.gov.au>; [REDACTED] <[REDACTED]>

[REDACTED] <[REDACTED]>; [REDACTED] <[REDACTED]> (Health)

<[REDACTED]@act.gov.au>; Crossley, Nick <Nick.Crossley@act.gov.au>; [REDACTED] (Health)

<[REDACTED] (Health) <[REDACTED]@act.gov.au>

Subject: RE: NOTES: Siemens Telecon - RIS Data Analysis - Canberra Hospital - 20/12/17 [SEC=UNOFFICIAL]

Hello [REDACTED]

I received further updates overnight and this morning. Further progress were made around the changes to the result file.

I will update further later today as I filter through the information.

Kind Regards,

[REDACTED]
 [REDACTED]
Siemens Healthcare Pty Ltd
 160 Herring Road
 Macquarie Park NSW 2113

Tel: +61 (0) 2 9491 5009

Mobile: [REDACTED]

Email: [REDACTED]

Internet: www.healthcare.siemens.com.au



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From: [REDACTED] (Health) [mailto:[REDACTED]@act.gov.au]

Sent: Tue, 9 January 2018 9:27 AM

To: [REDACTED]

Cc: Duggan, Mark (Health) [REDACTED]
 [REDACTED] (Health); Crossley, Nick; [REDACTED] (Health); [REDACTED] (Health)

Subject: RE: NOTES: Siemens Telecon - RIS Data Analysis - Canberra Hospital - 20/12/17 [SEC=UNOFFICIAL]

Good Morning [REDACTED]

Thank you for getting back to me. I will have to discuss this internally moving forward with regards to movement to the 29th as this will cause slippages on the project schedule. Also, regarding the detailed mapping, will this be delivered this week (it was due on Monday 8th of January)?

Many Thanks [REDACTED]

Warm Regards,

[REDACTED]

From: [REDACTED] [mailto:[REDACTED]]

Sent: Monday, 8 January 2018 6:10 PM

To: [REDACTED] (Health) <[REDACTED]@act.gov.au>

Cc: Duggan, Mark (Health) <Mark.Duggan@act.gov.au>; [REDACTED] <[REDACTED]@act.gov.au>

[REDACTED] <[REDACTED]> (Health)
 <[REDACTED]@act.gov.au>; Crossley, Nick <Nick.Crossley@act.gov.au>; [REDACTED] (Health)
 <[REDACTED]> (Health) <[REDACTED]@act.gov.au>
Subject: RE: NOTES: Siemens Telecon - RIS Data Analysis - Canberra Hospital - 20/12/17 [SEC=UNOFFICIAL]

Hello [REDACTED]

Extensive work has begun early last week and I am hoping to get both the gap Analysis and attachment samples around mid-week.

The hot topic at this point is about the 20% delivery due on 19th of Jan. As pointed out by [REDACTED] before Christmas, we have advised that dates maybe pushed (by 2 weeks minimum) due to the complexity of the change to the result file and this will most likely affect the delivery date.

After numerous discussions with the team last week, the following scenario was proposed

- A 2 week sample (similar to what we provided in the past) will be provided on the 19th of Jan containing the changes to the result file, the output will be assessed by your team and we'll require an approval to move forward with the 20% delivery
- Once approval is confirmed, then we will work on delivering the 20% on the 29th of Jan

Since extensive work has already begun in this area, we would like to work with the above dates.

Please let me know if these dates work for you

Apologies for any inconvenience

Kind Regards,

Siemens Healthcare Pty Ltd
 160 Herring Road
 Macquarie Park NSW 2113

Tel: +61 (0) 2 9491 5009

Mobile: [REDACTED]

Email: [REDACTED]

Internet: www.healthcare.siemens.com.au

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From: [REDACTED] (Health) [[mailto:\[REDACTED\]@act.gov.au](mailto:[REDACTED]@act.gov.au)]

Sent: Mon, 8 January 2018 3:53 PM

To: [REDACTED]
Cc: Duggan, Mark (Health); [REDACTED] (Health); Crossley, Nick; [REDACTED] (Health); [REDACTED] (Health)

Complete

f. **ACTION** – Siemens to get clarification on all topics and confirm date revised extracts will be delivered.

Target – 15th December

- i. GM 15/12 – Clarifications are in progress between [REDACTED] We will deliver updated extracts no later than Wednesday 20th December.
- ii. PR 15/12 – thank you. Due to Christmas holiday, we will need to have extracts the earliest the possible by Monday 18th. As we officially shut down on Thursday, and [REDACTED] will need time to analyse, transform, digest the information and forward to AGFA and loaded on Dev by the 22nd Dec 2017.
- iii. GM 20/12 – New extracts have been provided for both RIS and PACS on Monday 18th December
- iv. 20/12 – Canberra team confirmed most data loaded well into the Agfa system. Canberra would like to better understand why something may not be in RIS but in PACS. [REDACTED] confirmed very difficult for Siemens to explain this and Canberra should leverage knowledge of their System Administrator whom are responsible for data in and out of RIS/PACS since go-live. ACT Health to discuss variations with RIS/PACS Administrators.

g. **ACTION** – Siemens to confirm delivery date of mapping documentation as per SoW. **Target – 15th December**

- i. GM 15/12 – Mapping document to be delivered by Wednesday 20th December.
- ii. PR 15/12 – Excellent!
- iii. GM 18/12 – Delivered Monday 18th December
- iv. PR 15/12 – Excellent
- v. PR 19/12 –Thanks for the extracts and mappings for RIS (apologies). Thank you and we look forward in seeing the csv files. Yes, everything is looking 'ok' so far, but with regards to the gap analysis it reads very light in content. Can Siemens provide us with more information on the database, quite a bit that's missing?
- vi. GM 19/12 – Can you provide some examples of what you think is missing? I am not familiar with the front end so wondering if you could provide examples of other fields that are not being migrated to the Agfa system that may be of use? As this is a subjective exercise of what is clinically important, if you have some examples from your side that will help.
- vii. GM 20/12 – [REDACTED] sent through feedback for Mapping File and Gap Analysis. I will feedback and request updated copies of both documents. Timing of these documents dependant on prioritisation against other deliverables.
- viii. 20/12 – Canberra team confirm this is priority #2, and asked us to target for delivery on 8th Jan. [REDACTED] confirmed a good source of information for the gap analysis is the original document he put together at the outset of the project. [REDACTED] highlighted that leveraging the System Administrators knowledge of the front-end would be a valuable source of information for any clinically relevant data.

2. Duplicate Accession Number Issue

- a. [REDACTED] updated team on [REDACTED] questions from last meeting regarding transformation of accession numbers ID to make unique
- b. [REDACTED] highlighted data transformations are out of scope as per the SoW
- c. **ACTION** - Siemens to verify position on modifying Accession Numbers to make unique for subsequent extracts by **15th December**.
 - i. GM 15/12 – Our data migration team are uncomfortable with changing the accession number. Reason being is that this is the unique number that links to the report. This number is created by the RIS and is then sent on to downstream systems (i.e. PACS, HIS) and is referred to on Radiology Report that may be with a patient. I want to find a solution for you here. Could we have a technical discussion with Agfa to try and find a path forward?

- ii. PR 15/12 – We understand why Siemens would be uncomfortable, unfortunately, this is the only approach we have in having Siemens modify accession numbers we have and we have discussed this with AGFA. The modified accession number and approach to deal with related image migration, has been discussed previously with AGFA. They are aware of the work involved. Thank You.
- iii. PB 19/12 - Also, as for the Accession numbers, with the 'script' and time/material for Siemens to make those changes, can we explore how much effort will your technical resource be able to commit as an option to make those changes? [REDACTED] and [REDACTED] will get back to you. As for the attachments, how much of a push back are we seeing, in days, weeks?
- iv. GM 19/12 – As mentioned below, I may not know until the 2nd January. I would however expect days, not weeks. I just need to understand how to prioritise the tasks, whether this tasks precedent over the Part 2 Test migration scheduled for 12th Jan.
- v. GM – 20/12 – Overnight our Data Migration resource confirmed approximately 3 additional days effort to do this change and also indicated up to 2 weeks delay in delivery of remaining items in SoW. Canberra to prioritise which tasks our Data Migration resource should focus on from 2nd January.
- vi. 20/12 – Canberra confirmed that this change is priority #3 and asked us to deliver this with the 20% test data extract requested by 19th January. Siemens confirmed this timing is fine.

3. PACS Test System

- a. [REDACTED] confirmed that to create a Test PACS system, we require a VM with an oracle license. Then the back-up could be important into the VM.
- b. **ACTION** – Siemens to provide a quote to create a Test PACS VM including Professional Services and an Oracle license. **Target – Wednesday 20th December**
 - i. GM 20/12 – Siemens has supplied the CSV DB export of key tables from DB as interim measure. Siemens unable to provide a quotation for an oracle license for a test server. As Imaging PACS is a legacy system, Siemens no longer have an arrangement in place with Oracle we can leverage for short term use license.
 - ii. 20/12 - All agreed to park this for now and use the CSV method for PACS DB. [REDACTED] confirmed we can supply refreshed CSV's for the 5 PACS tables upon request in place of the PACS back-ups mentioned in the SoW.
- c. **ACTION** – Nick to confirm a storage location to store the attachments. **Target – Wednesday 20th December**
 - i. PR 15/12 – Target is for 2nd of January 2018 as the samples will be delivered by the 3rd of January 2018.
- d. [REDACTED] requested in interim, whether an export of the tables used in the PACS migrations was possible to a CSV.
- e. **ACTION** – [REDACTED] to confirm whether CSV exports of tables used in PACS extract is possible by 15th December.

- i. GM 15/12 – This is possible but quite a bit of work involved from our side to make happen. There would also be a limitation with Excel when opening the CSV due to size of the tables so you won't be able to work with it in Excel. The best and fastest option is to go with the oracle option. From my understanding of oracle licensing, you can install oracle and start work whilst the purchase happens in the background to move forward. Has ACT health got any arrangement in place with Oracle directly?
- ii. PR 15/12 – ACT Health does not have an Oracle agreements in place, the csv is going to be loaded into sql server, excel will not be used to analyse, so therefore size is not an issue.
- iii. GM 20/12 – CSV extracts provided 19/11/17.
- iv. 20/12 – ██████ to finish loading CSV files. All looks OK so far and good solution.

4. RIS Extract Part 2 - Attachments

- a. ██████ requested an example of each type of attachment file (Interactive documents, protocol documents, clinical alerts & scanned images) a head of the target delivery date of 12th January as per SoW.
- b. **ACTION** – ██████ to request and confirm an indicative date by 15th December.
 - i. GM 15/12 – I can confirm we can deliver this on 3rd January.
 - ii. PR 15/12 – ██████ and ██████ will be away until the 8th of January. This is fine.
 - iii. Following the meeting ██████ requested whether this could be delivered by 20th December.
 - iv. GM – The SoW has this task due 12th Jan. I have resource allocated to do this from 2nd January and can confirm this sample set will be delivered by 3rd January. Due to planned leave next week and being the week before Xmas it will be difficult for me to find an alternate resource to meet 20th December. Can you work with this timing? (We have provided a good sample set of attachments previously which maybe a good start. You may also be able to get the info you required from your System Administrator?).
 - v. PR 15/12 - Fine
 - vi. GM 20/12 – Needs to be prioritised against the accession number change on 2) above.
 - vii. 20/12 – Canberra agreed this task is #1 priority, this will be commenced on 2nd January by Siemens resource when back from leave. This will be ready for Canberra team when back on 8th January.

5. New Test Extract request

- a. ██████ requested a new test extract for RIS (including attachments) and PACS to be delivered by 19th January which contains 20% of total data
- b. ██████ confirmed it would be great if we can secure 2 months data from each year to make up the 20% extract
- c. **ACTION** – ██████ to confirm whether 2 months of each year is viable option or suggest an alternative.
Target – Wednesday 20th December

i. GM 20/12 – This is viable.

ii. GM 20/12 – Closed.

d. ACTION – [REDACTED] to confirm whether this date is achievable. Target – Wednesday 20th December

i. GM 20/12 – Needs to be prioritised against the accession number change on 2) above.

ii. GM 20/12 – Priority # 3, will be delivered by 19th January. Part A is priority only for 19th January. This deliverable has been prioritised over the Part B – Attachments Test Extract due for 12th January in the SoW.

e. ACTION - Siemens to confirm new timing for delivery of the Part B – Attachments Test Extract by 8th January 2018.

6. SDC trial

a. Siemens confirmed that we need to know by Xmas if a SDC trial is required during January due to set-up tasks/prep.

b. [REDACTED] confirmed PO is still in progress and with Mark.

c. Canberra team confirmed to put on hold until further notice

7. Xmas period leave

a. [REDACTED] – back on 2nd Jan

b. Canberra team – back on 8th Jan.

c. [REDACTED] – back on 15th Jan

8. Next meeting

a. Wed 10th Jan

Best regards

[REDACTED]

From: [REDACTED] (Health) [mailto:[REDACTED]act.gov.au]

Sent: Friday, 15 December 2017 12:20 PM

To: [REDACTED] Crossley, Nick; [REDACTED] (Health); [REDACTED] (Health)

Cc: [REDACTED] (Health); Duggan, Mark (Health); [REDACTED]

Subject: RE: NOTES: Siemens Telecon - RIS Data Analysis - Canberra Hospital - 13/12/17 [SEC=UNOFFICIAL]

Importance: High

Hi [REDACTED].

Thank you for your quick response!

I have highlighted my question in red.

Warm Regards,

[REDACTED]

From: [REDACTED] [mailto:[REDACTED]]
 Sent: Friday, 15 December 2017 11:05 AM
 To: [REDACTED] (Health) <[REDACTED]@act.gov.au>; Crossley, Nick <Nick.Crossley@act.gov.au>; [REDACTED]
 <[REDACTED]@act.gov.au>; [REDACTED] (Health) <[REDACTED]@act.gov.au>; [REDACTED]
 (Health) <[REDACTED]@act.gov.au>
 Cc: [REDACTED] (Health) <[REDACTED]@act.gov.au>; Duggan, Mark (Health) <Mark.Duggan@act.gov.au>;
 [REDACTED] <[REDACTED]>
 Subject: RE: NOTES: Siemens Telecon - RIS Data Analysis - Canberra Hospital - 13/12/17 [SEC=UNOFFICIAL]

Hi All

Please find below amended minutes as per feedback from [REDACTED]

I have also included updates for the items flagged for today in **brown**.

1. RIS/PACS Test Extract

- a. New extract sent by Siemens 8th December
- b. [REDACTED] sent feedback 13th December
- c. [REDACTED] stepped through the questions relating to the RIS extract in her feedback
- d. [REDACTED] stepped through the questions relating to the PACS extract in her feedback
- e. **ACTION** – [REDACTED] to send sample data for the topics discussed in c) and d) above by **COB 13th December**.
Complete
- f. **ACTION** – Siemens to get clarification on all topics and confirm date revised extracts will be delivered.
Target – 15th December
 - i. GM – Clarifications are in progress between [REDACTED] Sunitha. We will deliver updated extracts no later than Wednesday 20th December.
PR – thank you. Due to Christmas holiday, we will need to have extracts the earliest the possible by Monday 18th. As we officially shut down on Thursday, and [REDACTED] will need time to analyse, transform, digest the information and forward to AGFA and loaded on Dev by the 22nd Dec 2017.
ACTION – Siemens to confirm delivery date of mapping documentation as per SoW. **Target – 15th December**
 - ii. GM – Mapping document to be delivered by Wednesday 20th December.
PR – Excellent!

Duplicate Accession Number Issue

- g. [REDACTED] updated team on [REDACTED] questions from last meeting regarding transformation of accession numbers ID to make unique
- h. [REDACTED] highlighted data transformations are out of scope as per the SoW
- i. **ACTION** - Siemens to verify position on modifying Accession Numbers to make unique for subsequent extracts by **15th December**.
 - i. GM – Our data migration team are uncomfortable with changing the accession number. Reason being is that this is the unique number that links to the report. This number is created by the RIS and is then sent on to downstream systems (i.e. PACS, HIS) and is

referred to on Radiology Report that may be with a patient. I want to find a solution for you here. Could we have a technical discussion with Agfa to try and find a path forward?

PR – We understand why Siemens would be uncomfortable, unfortunately, this is the only approach we have in having Siemens modify accession numbers we have and we have discussed this with AGFA. The modified accession number and approach to deal with related image migration, has been discussed previously with AGFA. They are aware of the work involved. Thank You.

(██████ to escalate to ██████ if Siemens unable to make this modification as per SoW)

2. PACS Test System

- a. ██████ confirmed that to create a Test PACS system, we require a VM with an oracle license. Then the back-up could be important into the VM.
- b. **ACTION** – Siemens to provide a quote to create a Test PACS VM including Professional Services and an Oracle license. **Target – Wednesday 20th December**
- c. **ACTION** – Nick to confirm a storage location to store the attachments. **Target – Wednesday 20th December**

PR – Target is for 2nd of January 2018 as the samples will be delivered by the 3rd of January 2018.

- d. ██████ requested in interim, whether an export of the tables used in the PACS migrations was possible to a CSV.
- e. **ACTION** – ██████ to confirm whether CSV exports of tables used in PACS extract is possible by 15th December.
 - i. GM – This is possible but quite a bit of work involved from our side to make happen. There would also be a limitation with Excel when opening the CSV due to size of the tables so you won't be able to work with it in Excel. The best and fastest option is to go with the oracle option. From my understanding of oracle licensing, you can install oracle and start work whilst the purchase happens in the background to move forward. Has ACT health got any arrangement in place with Oracle directly?
 - ii. PR – ACT Health does not have an Oracle agreements in place, the csv is going to be loaded into sql server, excel will not be used to analyse, so therefore size is not an issue.

3. RIS Extract Part 2 - Attachments

- a. ██████ requested an example of each type of attachment file (Interactive documents, protocol documents, clinical alerts & scanned images) a head of the target delivery date of 12th January as per SoW.
- b. **ACTION** – ██████ to request and confirm an indicative date by 15th December.
 - i. GM – I can confirm we can deliver this on 3rd January.
 - ii. PR – ██████ and ██████ will be away until the 8th of January. This is fine.
- c. Following the meeting ██████ requested whether this could be delivered by 20th December.