



ACT
Government

ACT Health

FOI19-16



Dear 

Freedom of Information Request: FOI19/16

I refer to your application under section 30 of the *Freedom of Information Act 2016* (the Act), transferred to ACT Health on 28 March 2019 in which you sought:

"I would like documents related to medical imaging records being transferred from a Siemens to an AGFA system in 2017 and 2018:

Documents dating from 1 January 2016 to 31 December 2018 related to the tender for an IT system for medical imaging records in the Canberra Hospital, Correspondence between Canberra Health Services, ACT Health, Siemens and AGFA regarding the transition of medical imaging records from a Siemens system to an AGFA system in 2017 and 2018.

Reports prepared by consultants, Siemens, AGFA, or ACT Health staff about the transition process from the Siemens system to AGFA during 2017 and 2018 and related correspondence."

I am an Information Officer appointed by the Director-General of ACT Health under section 18 of the Act to deal with access applications made under Part 5 of the Act.

ACT Health Directorate provided a decision on your access application by 24 May 2019 following an extension by agreement. As part of that decision was a decision to defer access to some information, Reference Numbers 12, 23, 25, 28, 48, 50, 58, 60, 64 and 74, as affected third parties have objected to the disclosure.

Decision on access

Following the resolution of an Ombudsman review, I have decided to grant partial access to document numbers 12, 23, 25, 28, 48, 50, 58, 60, 64 and 74. I have decided to grant access, under section 50 of the Act, to copies of documents with deletions applied to information that I consider would be contrary to the public interest to disclose. The information redacted relates to personal information such as mobile phone numbers and contact detail of non-Government third party providers. I have also made a decision to redact some commercial in confidence information of third parties in documents 28 and 64.

Public Interest Factors Favouring Disclosure

I have identified that there are no factors favouring disclosure of this information under Schedule 2, section 2.1.

Public Interest Factors Favouring Non-Disclosure

The following factors were considered relevant in favour of the non-disclosure of the documents:

- Schedule 2.2(a)(ii) - prejudice the protection of an individual's right to privacy or any other right under the Human Rights ACT 2004.
- Schedule 2.2 (a) (xi) -Prejudice the business affairs of an agency or person.

On balance, the information identified is contrary to the public interest and I have decided not to disclose this information.

My access decisions are detailed further in the attached schedule and the documents released to you are provided as Attachment B to this letter.

In reaching my access decision, I have taken the following into account:

- The FOI Act
- The contents of the documents that fall within the scope of your request;
- The views of relevant third parties; and
- The Human Rights Act 2004

Charges

Processing charges are not applicable to this request.

Online publishing – disclosure log

Under section 28 of the Act, ACT Health maintains an online record of access applications called a disclosure log. Your original access application, my decision and documents released to you in response to your access application will be published in the ACT Health disclosure log not less than three days but not more than 10 days after the date of this decision. Your personal contact details will not be published.

Ombudsman review

My decision on your access request is a reviewable decision as identified in Schedule 3 of the Act. You have the right to seek Ombudsman review of this outcome under section 73 of the Act within 20 working days from the day that my decision is published in ACT Health's disclosure log, or a longer period allowed by the Ombudsman.

If you wish to request a review of my decision you may write to the Ombudsman at:

The ACT Ombudsman
GPO Box 442
CANBERRA ACT 2601
Via email: ACTFOI@ombudsman.gov.au.

ACT Civil and Administrative Tribunal (ACAT) review

Under section 84 of the Act, if a decision is made under section 82(1) on an Ombudsman review, you may apply to the ACAT for review of the Ombudsman decision.

Further information may be obtained from the ACAT at:

ACT Civil and Administrative Tribunal
Level 4, 1 Moore St
GPO Box 370
Canberra City ACT 2601
Telephone: (02) 6207 1740
<http://www.acat.act.gov.au/>

If you have any queries concerning ACT Health Directorate's processing of your request, or would like further information, please contact the FOI Coordinator on (02) 5124 9829 or email HealthFOI@act.gov.au.

Yours sincerely



Sandra Cook
A/g Chief Information Officer

29 July 2019



ACT
Government

ACT Health

FREEDOM OF INFORMATION REQUEST SCHEDULE

Please be aware that under the *Freedom of Information Act 2016*, some of the information provided to you will be released to the public through the ACT Government's Open Access Scheme. The Open Access release status column of the table below indicates what documents are intended for release online through open access.

Personal information or business affairs information will not be made available under this policy. If you think the content of your request would contain such information, please inform the contact officer immediately.

Information about what is published on open access is available online at: <http://www.health.act.gov.au/public-information/consumers/freedom-information>

NAME	WHAT ARE THE PARAMETERS OF THE REQUEST	File No
[REDACTED]	<p>I would like documents related to medical imaging records being transferred from a Siemens to an AGFA system in 2017 and 2018:</p> <p>Documents dating from 1 January 2016 to 31 December 2018 related to the tender for an IT system for medical imaging records in the Canberra Hospital,</p> <p>Correspondence between Canberra Health Services, ACT Health, Siemens and AGFA regarding the transition of medical imaging records from a Siemens system to an AGFA system in 2017 and 2018.</p> <p>Reports prepared by consultants, Siemens, AGFA, or ACT Health staff about the transition process from the Siemens system to AGFA during 2017 and 2018 and related correspondence.</p>	FOI19/16

Ref No	No of Folios	Description	Date	Status	Reason for non-release or deferral	Open Access release status
12	115 - 121	Emails	November 2018	Partial	Schedule 2.2 (a) (ii) - Individual right to privacy	Yes
23	427 - 432	Emails	August 2018	Partial	Schedule 2.2 (a) (ii) - Individual right to privacy	Yes
25	435 - 437	Emails	August 2018	Partial	Schedule 2.2 (a) (ii) - Individual right to privacy	Yes
28	526 - 531	Emails	August 2018	Partial	Schedule 2.2 (a) (ii) - Individual right to privacy Schedule 2.2 (a) (xi) - Prejudice the business affairs of an agency or person.	Yes
48	1235 - 1269	Emails	February 2018	Partial	Schedule 2.2 (a) (ii) - Individual right to privacy	Yes
50	1317 - 1344	Emails	February 2018	Partial	Schedule 2.2 (a) (ii) - Individual right to privacy	Yes
58	1470 - 1498	Emails	January 2018	Partial	Schedule 2.2 (a) (ii) - Individual right to privacy	Yes
60	1592 - 1615	Emails	January 2018	Partial	Schedule 2.2 (a) (ii) - Individual right to privacy	Yes
64	1868 - 1873	Emails	December 2017	Partial	Schedule 2.2 (a) (ii) - Individual right to privacy Schedule 2.2 (a) (xi) - Prejudice the business affairs of an agency or person.	Yes

74	2087 - 2089	Emails and attachments	November 2017	Partial	Schedule 2.2 (a) (ii) - Individual right to privacy	Yes
Total No of Docs						
10						

Heland, Rebecca (Health)

From: Barrett, Scott (Health)
Sent: Thursday, 22 November 2018 11:28 AM
To: Arsavilli, Dev
Cc: Goldrick, Matthew (Health); [REDACTED] (Health); Griffiths, Jessica (Health); Cook, Sandra (Health)
Subject: RE: [GVR] ****Warning on management page SysID 104471 -Canberra system: SYNGO IMAGING SYSTEM [SEC=UNCLASSIFIED]

Thanks Dev, I agree that this needs to be discussed a PCWG.

I think we need to acknowledge that my team are business users and that if it is impacting us, it is impacting business functions. The business impact would have been much more significant had my team not proactively taken steps to ensure that PACS didn't get to a critical failure point but we are increasingly unable to carry out these tasks due to their frequency and the scale of the issues.

As I mentioned, of our last 5 downtimes, 4 have been caused by IDIS project activities.

Outside of the downtimes mentioned above, PACS performance is certainly suffering but users are tolerating this because they are aware of the reasons for it occurring. However, there have been a number of occasions recently where the flow of clinical information has been disrupted and key functions such as matching image exceptions haven't been possible. These issues have a clinical impact and if they were to continue it could present a significant clinical risk.

Scott Barrett | Diagnostic Imaging Systems Manager
 Direct Phone: 02 5124 8039 | Direct Email: scott.barrett@act.gov.au
 Support, Diagnostic and Integration Hub | Digital Solutions Division | ACT Health Directorate | ACT Government
 24/7 User Support: 02 5124 5000 | Digital.Support@act.gov.au | healthhub.act.gov.au/technology
 Level 10, Building 1, Canberra Hospital, Garran ACT | GPO Box 825, Canberra City ACT 2601 | health.act.gov.au

From: Arsavilli, Dev
Sent: Thursday, 22 November 2018 10:48 AM
To: Barrett, Scott (Health) <Scott.Barrett@act.gov.au>
Cc: Goldrick, Matthew (Health) <Matthew.Goldrick@act.gov.au>; [REDACTED] (Health) <[\[REDACTED\]@act.gov.au](mailto:[REDACTED]@act.gov.au)>; Griffiths, Jessica (Health) <Jessica.Griffiths@act.gov.au>; Cook, Sandra (Health) <Sandra.Cook@act.gov.au>
Subject: RE: [GVR] ****Warning on management page SysID 104471 -Canberra system: SYNGO IMAGING SYSTEM [SEC=UNCLASSIFIED]

Hi Scott,

Thank you for your email.
 As suggest agree we need to re-consider migration activities further and not disrupt the existing BAU processes. I understand that this is causing management overhead to the BAU team but what is the business impact?

However, so far we have made a significant progress with data migration and going forward we should find ways to continue migration with the exception of this weekend etc.
 We will work with your suggestion on what to do next week etc.

I will ask Agfa for a report on how far we have reached to extract images and would like to take this as an issue to Project Control Working Group for further discussion and way forward.

Kind Regards,

Dev

Dev Arsavilli | Senior Project Manager

Phone: 02 5124 8729 | Mobile: [REDACTED] | Email: Dev.Arsavilli@act.gov.au

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

24/7 User Support: 02 5124 5000 | Email: Digital.Support@act.gov.au | healthhub.act.gov.au/technology

Level 10, Building 1, Canberra Hospital, Garran ACT | GPO Box 825, Canberra City ACT 2601 | health.act.gov.au

From: Barrett, Scott (Health)

Sent: Thursday, 22 November 2018 10:14 AM

To: Arsavilli, Dev <Dev.Arsavilli@act.gov.au>; [REDACTED] (Health) <[REDACTED]> Griffiths, Jessica (Health) <Jessica.Griffiths@act.gov.au>

Cc: Goldrick, Matthew (Health) <Matthew.Goldrick@act.gov.au>

Subject: FW: [GVR] ****Warning on management page SysID 104471 -Canberra [SEC=UNCLASSIFIED] system: SYNGO IMAGING SYSTEM

Hi Guys,

Regarding my request to pause image migration last night, this email is the formal advice we have received from Siemens.

The summary is that PACS is de-archiving studies faster than it can re-archive them and we don't have the resources on the server to cope with the demand. Any fix that can be applied is short term and we will eventually find ourselves in the same position again.

Given that the image migration has caused a significant number of issues or near misses in the last 3 weeks, PACS cannot continue to handle the image migration at its current rate and it needs to be significantly scaled back to prevent the recurring issues we are seeing. It's causing a significant amount of discomfort for my team and its also causing friction with Siemens support as you can tell from the email.

Siemens have advised that they will investigate to see if there is anything else that can be done but their feeling is we have exhausted all our options. They have made a slight short term change to prevent an immediate downtime but advised that this change in configuration could significantly reduce the performance of PACS for users.

The image migration will need to be paused at least until Monday to allow PACS to catch up and not cause any weekend issues. Following that, it should be recommenced at a much lower rate (I'd suggest 50% less but I'm happy to discuss).

Thanks

Scott

Scott Barrett | Diagnostic Imaging Systems Manager

Direct Phone: 02 5124 8039 | Direct Email: scott.barrett@act.gov.au

Support, Diagnostic and Integration Hub | Digital Solutions Division | ACT Health Directorate | ACT Government

24/7 User Support: 02 5124 5000 | Digital.Support@act.gov.au | healthhub.act.gov.au/technology

Level 10, Building 1, Canberra Hospital, Garran ACT | GPO Box 825, Canberra City ACT 2601 | health.act.gov.au

From: [REDACTED] <[REDACTED]>

Sent: Wednesday, 21 November 2018 4:28 PM

To: DSD Diagnostic Imaging Systems (Health) <DSD.DIS@act.gov.au>

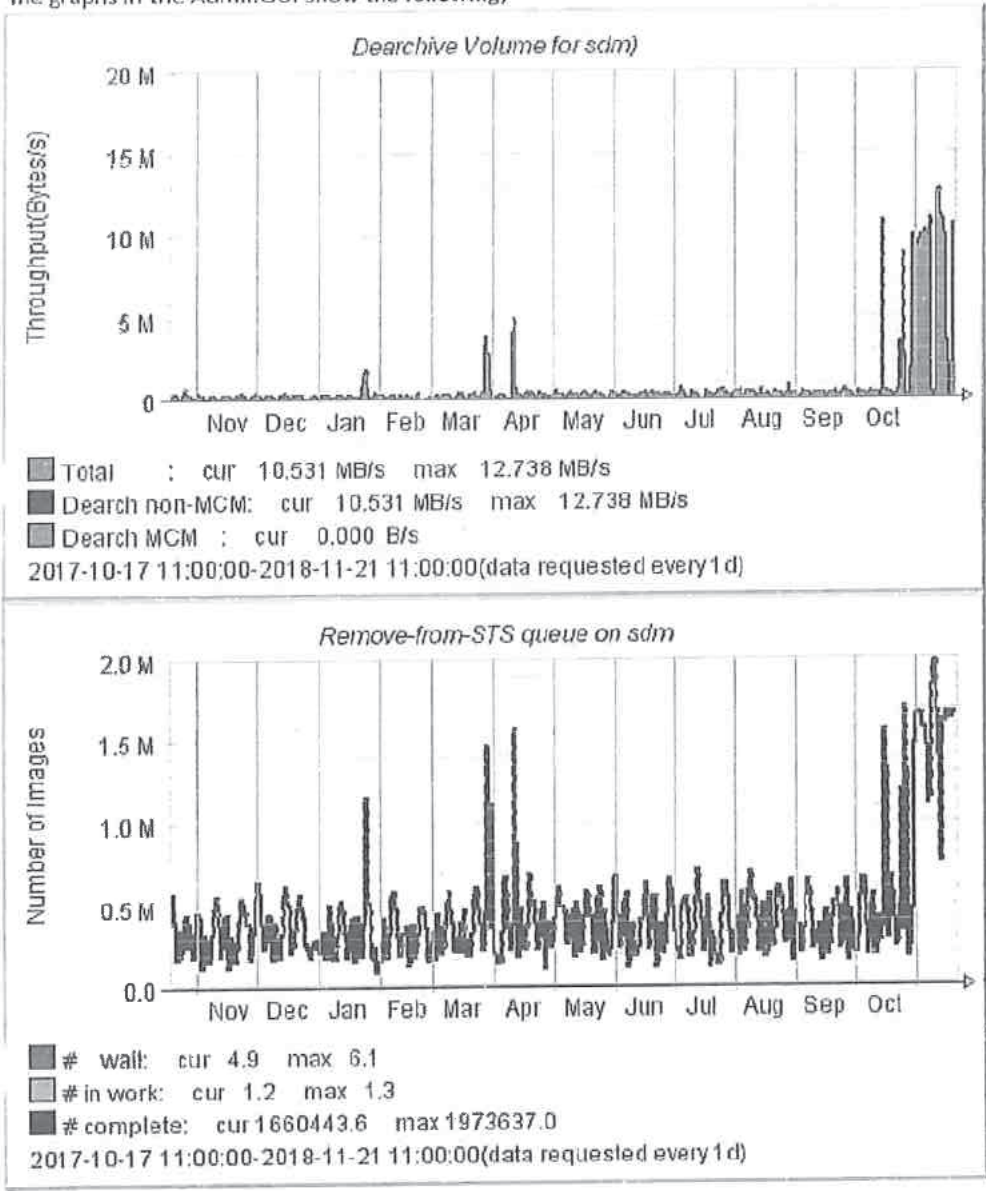
Cc: Barrett, Scott (Health) <Scott.Barrett@act.gov.au>; [REDACTED] <[ben.\[REDACTED\].com](mailto:ben.[REDACTED].com)>; [REDACTED] <[REDACTED]>

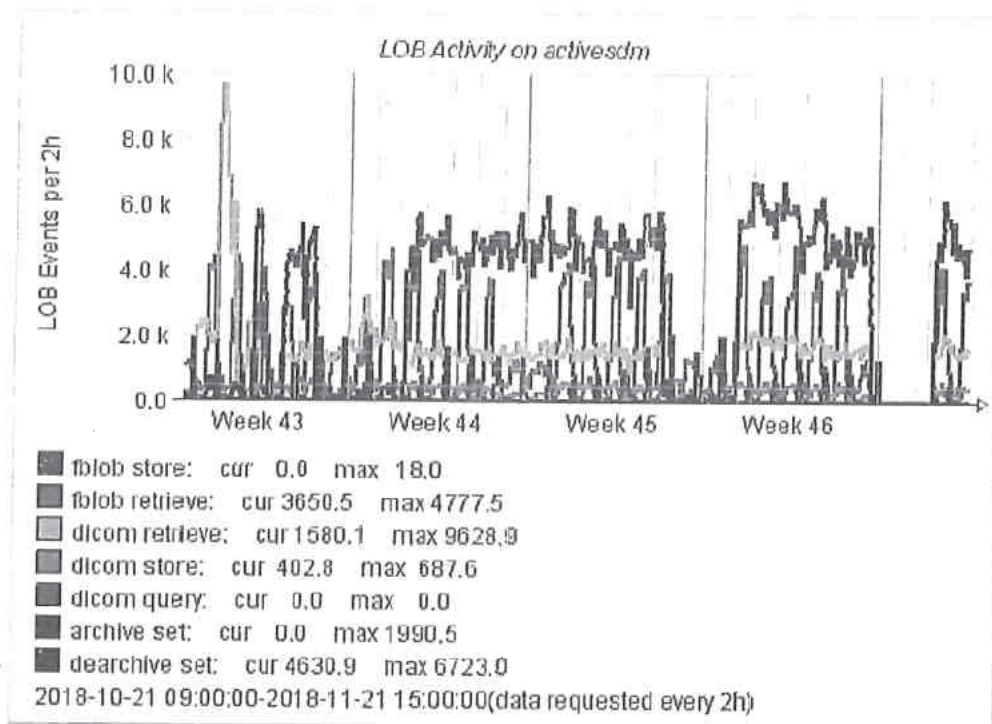
[REDACTED] <[REDACTED].com>

Subject: RE: [GVR] ****Warning on management page SysID 104471 -Canberra [SEC=UNCLASSIFIED] system: SYNGO IMAGING SYSTEM

Hi Azwer,

The available space would be struggling as per my communication attached, this a problem of migration, not of Syngo Imaging. The graphs in the AdminGUI show the following;





Since the middle of October the STS has been receiving more data online than before, either by "de-archiving" or receiving new examinations from modalities.

The system is "de-archiving" more examinations than it's receiving, by the graphs it looks to be around 10 times more. Syngo Imaging will treat "de-archived" and new examinations the same, "De-archived" examinations are not stored in a different location than new examinations.

There are rules around how long it keeps examinations.

```
<?xml version="1.0" encoding="ISO-8859-1"?>
<leasehours>
  <store>24</store>
  <dearchive>48</dearchive>
</leasehours>
```

The system will keep new examinations online for 24 hours and "de-archived" examinations online for 48 Hours. Should you "de-archive" data close to the STS storage space, new examinations will not be accepted and priors for reporting will not be accepted.

This is a problem of not considering the current system when migrating to a new system.

Thanks,

From: RG AU SCCC Healthcare Services

Sent: Wednesday, 21 November 2018 1:04 PM

To: DSD Diagnostic Imaging Systems (Health)

Cc: Barrett, Scott (Health); [REDACTED] (SHS AP AUS CS IT SD); [REDACTED] (SHS CS RSC AP 5 3); [REDACTED] (SHS CS RSC AP 5 3); [REDACTED] (SHS AP AUS CS IT SD); [REDACTED] Healthineers RSC AA SY; [REDACTED] (SHS AP AUS CS IT SD); [REDACTED] Ben (SHS AP AUS DI)

Subject: [GVR] ****Warning on management page SysID 104471 -Canberra [SEC=UNCLASSIFIED] system: SYNGO IMAGING SYSTEM

Good afternoon Azwer,

We would like to confirm receipt of your request. For your reference the following job has been raised:

Job #:	728104622480
System:	SYNGO IMAGING SYSTEM

Serial ID:	1308
Fault:	Warning related to available disk space on a mount point is coming up on the management page
Contract:	Yes

If we can be of any further assistance please do not hesitate to contact the Siemens Healthineers Customer Care Centre on 1800 310 300.

Kind Regards,

██████████

██████████
 ████████████████████
 HC APC AUS SV-CS OP CCC

885 Mountain Highway
 Bayswater VIC 3153 Australia
 Tel (AUS) : 1800 310 300
 Tel (NZ) : 0800 310 300
 Fax: +61-(0) 1300-557-211

Mail to: sccc.healthcareservices.au@siemens.com
www.healthcare.siemens.com.au
www.twitter.com/siemens_au
www.facebook.com/SiemensAustralia
www.linkedin.com/company/siemens-australia

SIEMENS
 Healthineers 

From: Alam, Azwer (Health) [<mailto:Azwer.Alam@act.gov.au>] **On Behalf Of** DSD Diagnostic Imaging Systems (Health)
Sent: Wednesday, 21 November 2018 12:01 PM
To: RG AU SCCC Healthcare Services <sccc.healthcareservices.au@██████████>
Cc: Barrett, Scott (Health) <Scott.Barrett@act.gov.au>; ██████████ (SHS AP AUS CS IT SD)
 <ben.██████████@██████████>; ██████████ (SHS CS RSC AP 5 3) <██████████@██████████.com>; ██████████ (SHS CS RSC AP 5 3) <██████████@██████████.com>; ██████████ (SHS AP AUS CS IT SD) <██████████@██████████.com>
Subject: *██████████ Warning on management page SysID 104471 -Canberra [SEC=UNCLASSIFIED]
Importance: High

Customer: ACT Health - The Canberra Hospital
Hospital: The Canberra Hospital
System ID: 104471

Equipment Number: 1308
Contact person: Azwer Alam

Phone number: ██████████ / (02) 0251244932

Priority: **URGENT**

Equipment Failure: Warning related to available disk space on a mount point is coming up on the management page. Can this please be checked before it becomes a problem?

Site Local Mount Points

Status of Site Local Mount Points

Status	Last Status Update	Status Poll Interval	Auto Restart Mode
Warning	2018-11-21 11:56:19 (local time)	1 h	disabled

Impact of the Status

This Error status indicates that the image repository (mount point) cannot be connected. Both clinical workflow data.

Suggested corrective actions

Check if the file system was unmounted on purpose (e.g. maintenance, re-configuration). Check if the block devices and directories are OK, try to re-mount the file system to the original directory or another directory.

Process Statistics

Process start time	2018-11-07 06:49:44 (local time)
Statistics recorded since	2018-11-07 05:49:27 (local time)
Number of failures	3
Number of user starts	0
Number of user stops	0
Number of successful restarts by Watchdog	0
Total number of restarts by Watchdog	0
Number of auto restart deactivations	0

Status Details

Node that contains the check: sleopm1.RISPACS.SIEMENS

Test "image volumes mount check": Success

Test "image volumes fill level check": Warning

* Warning (0003): Fill level 92.7895% near limit of 96%

Status | Configure

Detailed description of the problem:

As Above.

Kind Regards

Azwer Alam | RISPACS Support

Phone: 02 51244932 | Email: azwer.alam@act.gov.au

Diagnostic Imaging Systems | Digital Solutions Division | ACT Health Directorate | ACT Government

24/7 User Support 02 5124 5000 | Digital.Support@act.gov.au | healthhub.act.gov.au/technology

The Canberra Hospital | PO Box 11, Woden ACT 2606 | health.act.gov.au

This email, and any attachments, may be confidential and also privileged. If you are not the intended recipient, please notify the sender and delete all copies of this transmission along with any attachments immediately. You should not copy or use it for any purpose, nor disclose its contents to any other person.

Heland, Rebecca (Health)

From: [REDACTED] (Health)
Sent: Tuesday, 28 August 2018 2:22 PM
To: [REDACTED]
Cc: [REDACTED] (Health); [REDACTED] Arsavilli, Dev
Subject: RE: RIS bulk extract [SEC=UNCLASSIFIED]

Hi [REDACTED]
 Thank you for the *response*.
 Please see my comments below

Other than the issues outlined below, a RIS backup with all data until the 17th of Aug 2018 was asked for, but my restored copy of the database has records only till about 1:00am of the 17th.
 If the backup for the 17th is done at the start of the day, to cover all data from 17th, I will require the backup from 18th.

Also all the provided extracts seem to have records past the 17th.
 None of my verification checks have passed because of such mismatches.

Let me know, if you would like to discuss this over the phone.
 We do have our weekly meeting scheduled for tomorrow, but we can talk anytime today if needed.

Thanks,

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

From: [REDACTED] [mailto:[REDACTED]]
Sent: Tuesday, 28 August 2018 10:46 AM
To: [REDACTED] (Health) <[REDACTED]@act.gov.au>
Subject: RE: RIS bulk extract [SEC=UNCLASSIFIED]

Hi [REDACTED]

Sending through direct without local triage. Please let me know what you think.

Result file not as expected

Import fails - Validator ID for some rows longer than 255 characters (expected to be 6 characters at max)
 I don't have exact counts of rows that fails with the above issue and I don't have any particular details of accession numbers. Files are huge, I couldn't do much analysis without loading. I will have a better look at it tomorrow, but in the meanwhile could you please get your team to have a look. I need more information on this one, not sure what is meant by the 255 characters

SS: Results file has a field called ValidatorID, this field is populated with dr_no from dbo.doctor. The length of this field should at most be 6 characters. The SSIS I have designed to import this data into SQL tables for further verification, fails throwing a truncation error on the ValidatorID.

I am trying to import this file by ignoring the truncation error, but it keeps failing, there seems to be a problem with row number 2962285, please get your team to have a look

Duplicate rows in Service file – the attached excel sheet has FillerOrderNumbers that are repeated.

Please disregard. The file is chronological, so the last instance is the most up to date. This is because some exams were run originally in July and then during the catchup performed after the 18th. Sometimes things are tracked to

end procedure and then signed off between time frames. This will happen on the final catch up file, where re-occurring accession from the previous run will appear again.

[SS]The requirement is to extract all data until the 17th of August. From the comments above I understand that this extraction has been done in 2 steps. All data until the 1st of July has been extracted and then a delta has been extracted for all data until the 18th of August.

Doing this extract in 2 steps (bulk + delta) poses a risk of losing updates to completed/signed-off exams that have happened in the time period between the 1st of July and the 18th of August. Examples: cancellations to completed exams, financial class updates to completed exams, Addendums, PACS exception matching, etc. This process has not been tested in the previous rounds of extraction and should therefore not be used for the bulk extract.

The files are not as expected. Could you please get the files fixed?

Ignoring the outdated duplicate records will fix the problem, however the right approach will be to do a full extract of all data until the 17th of Aug.

Let me know if you need any further details on this

Duplicate rows in exam file – the attached excel sheet has AccessionNumbers that are repeated

Please disregard. The file is chronological, so the last instance is the most up to date. This is because some exams were run originally in July and then during the catchup performed after the 18th. Sometimes things are tracked to end procedure and then signed off between time frames. This will happen on the final catch up file, where re-occurring accession from the previous run will appear again.

[SS]Please refer to my comments above

Missing Study details – the attached file has a list of accession numbers and confirmed studies that exist in the database but not in the extract.

That is strange, and it is something I did not account for on the catchups. This study is so old, but for some reason they added images to it? Are they doing image exception resolution or something? They will need to talk to the customer about this. Those study entries were not there on July 4th, when I run the files up to July 1st for the first time.

Please refer to the dates of the study confirm times. Let me know how to handle this. I can run another catchup with just any exam that has confirm_dtimes that are higher than July 1st and less than August 18th and just provide an updated exam file with those entries in it.

	study_uid	acc_itn	ims_study_id	study_sts_code	confirm_dtime	purge
1			NULL	C	2018-08-10 02:08:00	NO
2			NULL	C	2018-08-09 13:00:00	NO

[SS]Referring to my previous comments, I am not comfortable with the approach that has been taken (bulk extract of data until the 1st of July and then a delta extract for the rest)

Like I have mentioned before, this is one of the obvious issues because of the approach, there could be other lost updates that we are not aware of.

Accession numbers that I could not find any reference to in the database, they exist in the extracts but not in the database (dbo.activity or dbo.visist_activity), where have they been extracted from?

Please disregard this. These are ones that are after August 18th, but mistakenly made it into my file. They will be part of the next catchup file anyways!

[SS] I have attached an updated sheet including proc_dtime of missing accession numbers, there are exams in the extract with completion dates from 2014 onwards that do not exist in the database. Where have these come from? These are not just exams after 18th.

PRD_RADDATA.dbo.link_itn1 not available – this table no longer exists in the new copy of database restored from the latest backup copy, this table was suggested to be used for verifying interactive documents for activities from dbo.visit_activity.

The table they are looking for is temp_idoc

[SS] Thanks

Best regards

From: [REDACTED] (Health) [mailto:[REDACTED]@act.gov.au]
Sent: Tuesday, 28 August 2018 10:23 AM
To: [REDACTED] (SHS AP AUS CS IT)
Subject: RIS bulk extract [SEC=UNCLASSIFIED]

Hi [REDACTED]

Do you have any feedback from your team yet?

Have any of the issues been fixed yet?

Regards,

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

From: [REDACTED] (Health)
Sent: Monday, 27 August 2018 4:57 PM

To: [REDACTED] <[REDACTED]>

Cc: [REDACTED] (Health) <[REDACTED]> El Biad, [REDACTED] <[REDACTED]>

Arsavilli, Dev <Dev.Arsavilli@act.gov.au>

Subject: RIS bulk extract [SEC=UNCLASSIFIED]

Hi [REDACTED]

I have been verifying the provided RIS extracts and have found a few issues as below:

Result file not as expected

Import fails - Validator ID for some rows longer than 255 characters (expected to be 6 characters at max)

i don't have exact counts of rows that fails with the above issue and i don't have any particular details of accession numbers. Files are huge, I couldn't do much ananalysis without loading. I will have a better look at it tomorrow, but in the meanwhile could you please get your team to have a look.

Duplicate rows in Service file – the attached excel sheet has *FillerOrderNumbers* that are repeated

Duplicate rows in exam file – the attached excel sheet has *AccessionNumbers* that are repeated

Missing Study details – the attached file has a list of accession numbers and confirmed studies that exist in the database but not in the extract.

Accession numbers that i could not find any reference to in the database, they exist in the extracts but not in the database (*dbo.activity* or *dbo.visist_activity*), where have they been extracted from?

PRD_RADDATA.dbo.link_itn1 not available – this table no longer exists in the new copy of database restored from the latest backup copy, this table was suggested to be used for verifying intercatve documents for activities from *dbo.visit_activity*.

Just letting you know that this may not be a complete list of all issues with the extracts. I will be running more scripts tomorrow to verify the data provided for attachments and to verify the extracts against my database.

Please pass this on to your team.

Let me know if you need any further details

Best regards
 [REDACTED]

From: [REDACTED] (SHS AP AUS CS IT)
Sent: Friday, 10 August 2018 9:31 AM
To: Arsavilli, Dev; [REDACTED] (Health)
Cc: [REDACTED] (Health); Crossley, Nick; [REDACTED] (SHS AP AUS CS IT SD); [REDACTED] (SHS AP AUS CS IT); Barrett, Scott (Health)
Subject: Canberra RIS/PACS Migration activities

Hello Dev and [REDACTED]

Just to let you know that our support were able to successfully access the share overnight and setup the following

- Mapped a Network drive U:\ to this share from the SWF DB Server.
- Created the following SQL Maintenance Plan/job - "PRD Hrly Transaction Log backup for Migration Only" to point to the new network share. It has 3 steps:
 1. Cleanup History Job
 2. Maint. cleanup job
 3. Prd Hrly Trans. Log Backup Job.
- Did not scheduled/enabled the maintenance Plan/Job to avoid unexpected issues over the upcoming weekend
- Support will test the maintenance Plan/Job and then enable it on Monday 13/8

If all goes well, we are looking at the following dates to resume Migration activities

- **Start Date: Wednesday, August 15th 2018**
- RIS and PACS full DB backups delivered by **COB Friday, August 24th 2018** (End date: Friday, August 17th 2018)
- PACS bulk extracts and PACS Audit Report delivered by **COB Tuesday, September 4th 2018** (End date: Friday, August 17th 2018)
- RIS bulk extracts, all attachments and RIS Audit Report delivered by **COB Tuesday, September 4th 2018** (End date: Friday, August 17th 2018)

Please let me know if there are any issues with any of the above information

Thank you

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]

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Heland, Rebecca (Health)

From: [REDACTED] (Health)
Sent: Monday, 27 August 2018 4:57 PM
To: [REDACTED]
Cc: [REDACTED] (Health); [REDACTED] Arsavilli, Dev
Subject: RIS bulk extract [SEC=UNCLASSIFIED]
Attachments: RIS_BulkExtract_Issues_2708.xlsx

Hi [REDACTED]

I have been verifying the provided RIS extracts and have found a few issues as below:

Result file not as expected

Import fails - Validator ID for some rows longer than 255 characters (expected to be 6 characters at max)
 I don't have exact counts of rows that fails with the above issue and I don't have any particular details of accession numbers. Files are huge, I couldn't do much analysis without loading. I will have a better look at it tomorrow, but in the meanwhile could you please get your team to have a look.

Duplicate rows in Service file – the attached excel sheet has FillerOrderNumbers that are repeated

Duplicate rows in exam file – the attached excel sheet has AccessionNumbers that are repeated

Missing Study details – the attached file has a list of accession numbers and confirmed studies that exist in the database but not in the extract.

Accession numbers that I could not find any reference to in the database, they exist in the extracts but not in the database (dbo.activity or dbo.visist_activity), where have they been extracted from?

PRD_RADDATA.dbo.link_itn1 not available – this table no longer exists in the new copy of database restored from the latest backup copy, this table was suggested to be used for verifying interactive documents for activities from dbo.visit_activity.

Just letting you know that this may not be a complete list of all issues with the extracts. I will be running more scripts tomorrow to verify the data provided for attachments and to verify the extracts against my database.

Please pass this on to your team.

Let me know if you need any further details

Thanks,

[REDACTED]

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

From: [REDACTED] [mailto:[REDACTED]]
Sent: Monday, 27 August 2018 8:57 AM
To: [REDACTED] (Health) <[REDACTED]@act.gov.au>
Cc: [REDACTED] (Health) <[REDACTED]> Crossley, Nick <Nick.Crossley@act.gov.au>; [REDACTED]
 <[REDACTED]> Arsavilli, Dev <Dev.Arsavilli@act.gov.au>
Subject: RE: Canberra RIS/PACS Migration activities

Hi [REDACTED]

The RIS data extracts are now available on the share. The audit information is also included.

Please let me know if any questions.

Audit Info

- Provide all the exams that were actually processed (we can provide counts) 3,408,560 and 175,278 that were cancelled before ever being tracked to the end procedure step.
- Provide counts of all patients processed 564,404
- Provide counts of all finalized exams processed and we can provide a list of the ones that failed 3,395,207 results, the following results failed (Those are accession numbers below) (These are the results that they should have to manually print from the application)

[Redacted]

- Provide counts of all "Confirmed" studies 1,617,195
- Provide counts of all exams with scan attachments 792,643 unique images linked to 798,312 accessions.
- Provide counts of all exams with interactive document attachments 1,435,706. This is the total number of documents created, if you need to know how many per exam, let me know, because you will have one to many for a lot of them.
- Provide counts of all exams with zsegment attachments. 684,776

Best regards

[Redacted]

From: [Redacted], [Redacted] (SHS AP AUS CS IT)
Sent: Friday, 10 August 2018 9:31 AM
To: Arsavilli, Dev; [Redacted] [Redacted] (Health)
Cc: [Redacted] [Redacted] (Health); Crossley, Nick; [Redacted] [Redacted] (SHS AP AUS CS IT SD); [Redacted] [Redacted] (SHS AP AUS CS IT); Barrett, Scott (Health)
Subject: Canberra RIS/PACS Migration activities

Hello Dev and [Redacted]

Just to let you know that our support were able to successfully access the share overnight and setup the following

- Mapped a Network drive U:\ to this share from the SWF DB Server.

- Created the following SQL Maintenance Plan/job - "PRD Hrly Transaction Log backup for Migration Only" to point to the new network share. It has 3 steps:
 1. Cleanup History Job
 2. Maint. cleanup job
 3. Prd Hrly Trans. Log Backup Job.
- Did not scheduled/enabled the maintenance Plan/Job to avoid unexpected issues over the upcoming weekend
- Support will test the maintenance Plan/Job and then enable it on Monday 13/8

If all goes well, we are looking at the following dates to resume Migration activities

- **Start Date: Wednesday, August 15th 2018**
- RIS and PACS full DB backups delivered by **COB Friday, August 24th 2018** (End date: Friday, August 17th 2018)
- PACS bulk extracts and PACS Audit Report delivered by **COB Tuesday, September 4th 2018** (End date: Friday, August 17th 2018)
- RIS bulk extracts, all attachments and RIS Audit Report delivered by **COB Tuesday, September 4th 2018** (End date: Friday, August 17th 2018)

Please let me know if there are any issues with any of the above information

Thank you

Kind Regards,

[Redacted Signature]

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Heland, Rebecca (Health)

From: Barrett, Scott (Health)
Sent: Monday, 6 August 2018 12:40 PM
To: Arsavilli, Dev; [REDACTED]
Cc: [REDACTED] (Health); Crossley, Nick; [REDACTED] (Health); [REDACTED]
Subject: RE: Update - Canberra Data Migration [SEC=UNCLASSIFIED]
Attachments: RE: Serial #838383 System ID 104521 Equipment location #800-40026723-HS61: VPROT IDOC investigation [DLM=Sensitive]

Hi All,

We have received the attached email from Siemens support regarding [REDACTED] request to investigate the logic of one of our ID docs that may be creating the large transaction logs.

We are just looking at this in Test but are happy in principle with making this change if doesn't cause any further problems. We will advise.

Thanks

Scott

Scott Barrett | Manager

Direct Phone: 02 6174 8039 | Direct Email: scott.barrett@act.gov.au

Diagnostic Imaging Systems | Diagnostic & Medication Systems Hub | Phone: 02 6174 8750 | Email: DSD.DIS@act.gov.au

Technology Operations Branch | Digital Solutions Division | Health Directorate | ACT Government

Level 10, Building 1, Canberra Hospital, Garran ACT | GPO Box 825, Canberra City ACT 2601 | act.gov.au

From: Arsavilli, Dev

Sent: Monday, 6 August 2018 10:50 AM

To: [REDACTED] <[REDACTED]> <[REDACTED]> <[REDACTED]> <[REDACTED]> <[REDACTED]>
 [REDACTED].com>

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

[REDACTED] (Health) <[REDACTED]> [REDACTED] <[REDACTED]> [REDACTED] <[REDACTED]> Barrett,

Scott (Health) <Scott.Barrett@act.gov.au>

Subject: RE: Update - Canberra Data Migration [SEC=UNCLASSIFIED]

Hi [REDACTED] and [REDACTED]

Now that we have the Disk made available to 1.5TB could we discuss the plan forward to start the Data Migration activates.

1. Are we investigating **PLAN A** still?
 - a. As this disk is available we should stop spending too much time on PLAN A
2. Siemens should take full responsibility on the continuity and minimal disruption to be BAU servers and operation including monitoring of the transaction logs and related file movements.
3. If the above is agreed we need to resume attachment extraction.
4. We need to identify the date on when th RIS/PACS bulk extraction could begin.
 - a. Before this starts:
 - i. We need to give 24 hour notice to business
 - ii. We need to formalise a process to track changes to static data

Scott, do you have any further concerns or points to add?

Kind Regards,

Dev

Dev Arsavilli | Project Manager

Phone: 02 6174 8729 | Mobile: [REDACTED] | Email: Dev.Arsavilli@act.gov.au

Future Capability and Governance Branch | Digital Solutions Division | Health Directorate | ACT Government

2-6 Bowes Street, Phillip ACT | GPO Box 825, Canberra ACT 2601 | act.gov.au

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

Sent: Thursday, 2 August 2018 5:23 PM

To: Barrett, Scott (Health) <Scott.Barrett@act.gov.au>; Arsavilli, Dev <Dev.Arsavilli@act.gov.au>

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

Subject: Update - Canberra Data Migration

Hi Scott/Dev

As discussed in yesterday's call, we had an internal meeting this morning with our DBAs to discuss and better understand the events that lead to last weekend RIS failure at Canberra hospital.

We were assured that the failure of the weekend was solely caused by the creation of the interactive document attachments activity. After further analysis, it was found that the transaction logs were growing at a rate of (60-80)G/hr due to the heavy processing involved around these attachments. [REDACTED]

[REDACTED] Although these events were totally unexpected, we were assured that all precautions will be put in place to fully monitor the production server's performance when activities are resumed until all migration tasks are completed.

To avoid this from happening again, we are proposing the following 2 plans:

- **PLAN A:** Siemens to investigate the possibility of rewriting DB data migration scripts to be more efficient and hopefully reduce transaction logs. Our DBAs will investigate this option and will let us know by tomorrow.
- **PLAN B:** ACT health to provide a temporary storage of 1 TB where transactions logs can be dumped and maintained for the duration of the interactive document extraction activity. Once this activity is complete, Transactions logs will be dumped to the original location and original maintenance schedule will be restored. We will require this for approximately 1 week.

Please note that while PLAN A is being investigated by our team in the US overnight, this will trigger the transaction logs to grow larger than usual, but this is being monitored by the team so don't be alarmed.

Please be assured this significant increase in size of redo log files is isolated to the extract of interactive documents only.

Furthermore, our support performed the following checks after we flagged yesterday's Transactions logs growth

- We searched the current version of the SQL Server Log file to confirm that there are no SQL errors logging.
- The 65 Percent Alert, for the PRD_RADDATA Logsegment space, has not been triggered since the evening of SAT, 28 JUL.
- The PRD Transaction Log Backups are running successfully, as scheduled, every 15 minutes.
- We checked the disk usage in the PRD_RADDATA Database on the Syngo Workflow VB20 DB Server.
- There is approximately 57 GB of space specifically allocated to the PRD_RADDATA Logsegment.

At the present time, as per the screen shot below, over 99 percent of the PRD_RADDATA Logsegment space is free.

Disk Usage
[PRD_RADDATA]
 On RIS-DB-1WFSLR_PRD at 8/1/2018 11:52:34 PM

This report provides overview of the utilization of disk space within the Database.

Total Space Usage:	910,919,313 MB
Data Files Space Usage:	152,576,000 MB
Transaction Log Space Usage:	50,343,313 MB

Data Files Space Usage (%)

Category	Percentage
Index	53.68%
Unallocated	41.43%
Data	0.22%
Unused	4.62%

Max entry found for autogrow/auto shrink event for PRD_RADDATA database

Disk Space Used by Data Files

We will update you further tomorrow morning.

Best regards

[Redacted Signature]

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 Bayswater, 3153
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 mailto:[Redacted]@healthineers.com
 www.healthcare.siemens.com.au



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Heland, Rebecca (Health)

From: [REDACTED] <[REDACTED]>
Sent: Monday, 12 February 2018 10:07 AM
To: [REDACTED] (Health); [REDACTED] (Health)
Cc: Arsavilli, Dev; [REDACTED] (Health)
Subject: RE: NOTES: Siemens Telecon - RIS Data Analysis - Canberra Hospital - 10/01/18 [SEC=UNOFFICIAL]

Hello [REDACTED] and [REDACTED]

Just to let you know that 3 new files have been extracted around the Scheduled orders at the same location as previous extracts.

The Files are: Exam_sch.dat, patient_sch.dat and service_sch.dat that contain about 50 future schedules

The patient file will only contain new patients that were not extracted during the previous large extract that we did.
 Can I Please ask you to analyse the files and provide me with feedback about any issues.

Also Can I Please ask to provide me feedback about the Z-segment docs and scan docs

Thank you

Kind Regards,

[REDACTED]

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Email: [REDACTED]

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Sent: Fri, 9 February 2018 1:02 PM

To: 'Arsavilli, Dev'; [REDACTED]

Subject: RE: NOTES: Siemens Telecon - RIS Data Analysis - Canberra Hospital - 10/01/18 [SEC=UNOFFICIAL]

Hello Dev

Thank you for reaching out!

This is a fully customized system with specifically designed workflows for Canberra Hospital by Canberra Hospital. I refer to the clinical staff as staff that use the system on daily basis such as front desk clerks, administrators, techs or PAS administrators. We have been very vocal from the beginning to include a variety of the staff on your team as part of this project to help you understand their daily workflows. We have provided test files since the beginning of the project and worked with your team to make all the necessary corrections to meet the Agfa specifications. As far as I am aware both [REDACTED] and [REDACTED] were happy with the progress of the data up till recently where questions about other missing orders surfaced. Based on the knowledge of the tables being used for the Agfa specs and these are documented on the RIS Mapping and Gap analysis document, your team should be able to make a sound decision as to what extra information is clinically relevant. We believe that the assistance of daily system users should also help you with that decision. As what is true for Canberra hospital is not necessarily true for another hospital as workflows differ from one place to another and that is why local assistance is crucial for such a project.

We will continue to work with both [REDACTED] and [REDACTED] to reach a successful outcome. Please understand that we are more than happy to answer or provide assistance around any questions you may have.

Please also note that you have opted for the data retention tool as a reporting tool that will provide you access to all current data post migration and post system decommissioning in case there is any fear on missing out on data.

As for a meeting, [REDACTED] is the PM of this project and should also be part of the call but I believe he may be on leave. I will try and get hold of him and will let you know of a suitable time for both of us.

Kind Regards,

[REDACTED]
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 160 Herring Road
 Macquarie Park NSW 2113

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 Internet: www.healthcare.siemens.com.au

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From: Arsavilli, Dev [<mailto:Dev.Arsavilli@act.gov.au>]

Sent: Fri, 9 February 2018 11:18 AM

[REDACTED] (Health)

Subject: RE: NOTES: Siemens Telecon - RIS Data Analysis - Canberra Hospital - 10/01/18 [SEC=UNOFFICIAL]

Hi [REDACTED]

Apologies, I haven't introduced myself to you guys before. I started as the PM on this project three weeks ago. I will try attend the next meeting to catch up with you.
 We are appreciative of the working relationship and the progression of the data migration work so far and expecting to progress it that way.
 In fact I paid less attention to this work, understanding that it has been going on well.

From the email below I agree with [REDACTED] on the Gap analysis. I am still waiting to see the final version of this document. However, we see your teams as the experts of the data dictionary and we will not be able to depend on the business (clinicians) for this information.

I am also worried about the gaps in gap-analysis, why this was not captured in the analysis.

When could we catch up and discuss further?
 Should we wait until next meeting or should we arrange one on Monday?

Kind Regards,

Dev

Dev Arsavilli | Project Manager
 Phone: 02 6174 8729 | Mobile [REDACTED] | Email: Dev.Arsavilli@act.gov.au
 Future Capability and Governance Branch | Digital Solutions Division | Health Directorate | ACT Government
 2-6 Bowes Street, Phillip ACT | GPO Box 825, Canberra ACT 2601 | act.gov.au

From: [REDACTED] (mailto:[REDACTED])
 Sent: Friday, 9 February 2018 11:13 AM
 To: [REDACTED] (Health) <[REDACTED]@act.gov.au>; [REDACTED] (Health)
 <[REDACTED]>
 Cc: [REDACTED] <[REDACTED]> Arsavilli, Dev <Dev.Arsavilli@act.gov.au>;
 [REDACTED] (Health) <[REDACTED]@act.gov.au>
 Subject: RE: NOTES: Siemens Telecon - RIS Data Analysis - Canberra Hospital - 10/01/18 [SEC=UNOFFICIAL]

Hello [REDACTED]

We have advised time and time again that clinical staff must help you in this process. This was raised the first time we met last year. As advised, the Mapping and Gap analysis document will contain all the mapped fields and non-mapped fields as part of the tables used around the Agfa specs. It is up to your team and your clinical staff to decide what is clinically relevant and implement as required. We have provided you will full access to database backups and documentation to help you in this process. We continue to work with you in correcting and adjusting the extract files as required for a successful Agfa migration.

Kind Regards,

[REDACTED]
Siemens Healthcare Pty Ltd
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 Macquarie Park NSW 2113

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 Mobile: [REDACTED]
 Email: [REDACTED]
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From: [REDACTED] (Health) [mailto:[REDACTED]@act.gov.au]
Sent: Fri, 9 February 2018 10:34 AM
To: [REDACTED]
 [REDACTED] Arsavilli, Dev; [REDACTED] (Health)
Subject: RE: NOTES: Siemens Telecon - RIS Data Analysis - Canberra Hospital - 10/01/18 [SEC=UNOFFICIAL]

Hi [REDACTED]

One of the deliverables for RIS and PACS in the SoW says

'Gap Analysis documenting all **clinically relevant** database fields that have not been mapped to an equivalent field in the Agfa migration file specification.'

Though our teams at Health are aware of what's clinically relevant, they have no way of knowing where in the database this data gets stored.

We assume your team understands the system and the database schema which is why a gap analysis was requested for the same.

Nowhere in the Gap Analysis has it been mentioned that the ordered and scheduled exams get stored in the visit tables and get purged to the activity tables when the procedure is completed.

The scheduled exams missing from the extracts were identified on our end and the details were discovered only when the question was asked.

Since I am not the expert of the system or the database, we cannot rely on me asking the right questions. I would have expected your team to identify this as a gap.

Thanks,
 [REDACTED]

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

From: [REDACTED] [mailto:[REDACTED]]
Sent: Friday, 9 February 2018 9:36 AM
To: [REDACTED] (Health) <[REDACTED]@act.gov.au>; [REDACTED] (Health)
 <[REDACTED]>
Cc: Crossley, Nick <Nick.Crossley@act.gov.au>; [REDACTED] <[REDACTED]>
 Barrett, Scott (Health) <Scott.Barrett@act.gov.au>; Arsavilli, Dev <Dev.Arsavilli@act.gov.au>; [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 - 10/01/18 [SEC=UNOFFICIAL]

Hello [REDACTED]

Thank you for your response, Please find my response in (blue) below.

Kind Regards,

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 Macquarie Park NSW 2113

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From: ██████████ (Health) [mailto:██████████@act.gov.au]
Sent: Thu, 8 February 2018 3:45 PM
To: ██████████ (Health)
Cc: Crossley, Nick; ██████████ Barrett, Scott (Health); Arsavilli, Dev; ██████████
 (Health); Duggan, Mark (Health); ██████████
Subject: RE: NOTES: Siemens Telecon - RIS Data Analysis - Canberra Hospital - 10/01/18 [SEC=UNOFFICIAL]

Hi ██████████
 Thanks for your response.
 Please see my comment below regarding the scheduled exams.

Thanks,
 ██████████

██████████ | IDIS Data Migration Analyst - UCPH Digital Solutions Program
 Email: ██████████@act.gov.au

From: ██████████ [mailto:██████████@act.gov.au]
Sent: Thursday, 8 February 2018 3:24 PM
To: ██████████ (Health) <██████████@act.gov.au>; ██████████ (Health)
 <██████████@act.gov.au>
Cc: Crossley, Nick <Nick.Crossley@act.gov.au>; ██████████ <██████████@act.gov.au>
 Barrett, Scott (Health) <Scott.Barrett@act.gov.au>; Arsavilli, Dev <Dev.Arsavilli@act.gov.au>; ██████████ (Health)
 <██████████@act.gov.au>; Duggan, Mark (Health) <Mark.Duggan@act.gov.au>; ██████████
 <██████████@act.gov.au>
Subject: RE: NOTES: Siemens Telecon - RIS Data Analysis - Canberra Hospital - 10/01/18 [SEC=UNOFFICIAL]

Thank you ██████████ Please see below my responses below in (Green).

Kind Regards,
 ██████████

Siemens Healthcare Pty Ltd
160 Herring Road
Macquarie Park NSW 2113

Tel: +61 (0) 2 9491 5009

Mobile: [REDACTED]

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From: [REDACTED] [REDACTED] (Health) [mailto:[REDACTED]@act.gov.au]
Sent: Thu, 8 February 2018 2:19 PM
To: [REDACTED] [REDACTED] (Health)
Cc: Crossley, Nick; [REDACTED] Barrett, Scott (Health); Arsavilli, Dev; [REDACTED] [REDACTED] (Health); Duggan, Mark (Health); [REDACTED]
Subject: RE: NOTES: Siemens Telecon - RIS Data Analysis - Canberra Hospital - 10/01/18 [SEC=UNOFFICIAL]

Hi [REDACTED]

We have completed our review on the RIS documents.

RIS mapping for the Transcriptionist name is still missing, I have marked that in red. Could you please get back to us on that?

[ME] I have forwarded the feedback to the RIS team

Other than that the mapping for the completed/cancelled exams look good. But there will be a whole new set of mapping for the AGFA fields coming from the visit tables for the ordered and scheduled exams that are still to be mapped

[ME] I also had a discussion with our RIS team about the scheduled orders and they have advised that a new extract document will need to be generated for these. Can you please work with Agfa and workout a spec for the scheduled orders. Data such as the ordering doctor, the date of the exam was scheduled, the date the exam is to be performed, the description of the exam to be performed, diagnosis or reason for exam recorded as well but not necessarily as well as the attending doctor may be recorded. These seem to be the main data relevant to the scheduled exams. If you could come back to me with a spec then we can start the process of generating the records.

[SS] AGFA does not have a different set of specifications for the scheduled exams and I do not see the need for one. Most of the fields specified above can be mapped to existing fields in AGFA's specifications. If Siemens's system stores a value that is clinically significant for a scheduled exam that cannot be mapped to a corresponding field in AGFA, that needs to be identified as a gap (to be documented as part of gap Analysis).

Please get your team to work on the mapping and gap analysis for the scheduled exams and if there are any real gaps, we will take them to the business/AGFA.

[ME] Ok we should be able to work with some of the extracts for the Scheduled orders. Unfortunately Scheduled orders cannot be implemented on the current routines generating the current extracts and therefore new routines will be created to generate separate extracts for the scheduled orders. We will stick to the Agfa spec as guideline and map fields as best as possible. Please note that we are not clinical and therefore won't be making any decisions as to what is or what isn't clinically relevant. Therefore any gap around this should be your team's task to identify and implement as required. The Gap Analysis document should remain the same unless new tables were used to extract data for scheduled orders in which case we will update the document to reflect the change.

Same with the Gap analysis, it is complete for the tables identified in the spreadsheet, but activity tracking and step tracking tables are still to be analysed.

[ME] Will confirm with RIS Team if same tables and fields are used for the "Gap" orders.

If you could get the mapping completed for the transcriptionist name and also get your team to verify/confirm the other details, the documents can be considered complete for now, until we start working on the scheduled/ordered exams.

[ME] will get back to you as I get an update from the team

Thanks,

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

Sent: Thursday, 1 February 2018 3:59 PM

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

<[REDACTED]@act.gov.au>

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

Subject: RE: NOTES: Siemens Telecon - RIS Data Analysis - Canberra Hospital - 10/01/18 [SEC=UNOFFICIAL]

Hello [REDACTED]

Please find attached the Reviewed documents. PACS details are still pending.

Please let me know if you require further clarifications.

Kind Regards,

[REDACTED]
[REDACTED]
Siemens Healthcare Pty Ltd
160 Herring Road
acquarie 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]]

Sent: Wed, 31 January 2018 4:54 PM

To: [REDACTED] (Health)
Cc: Crossley, Nick; [REDACTED] Barrett, Scott (Health); Arsavilli, Dev; [REDACTED] (Health); Duggan, Mark (Health); [REDACTED]
Subject: RE: NOTES: Siemens Telecon - RIS Data Analysis - Canberra Hospital - 10/01/18 [SEC=UNOFFICIAL]

[REDACTED]

As discussed today, I have attached the two mapping and Gap files. Each is marked up as before – the document has remaining queries in bright green – mainly in the Reports mapping table, while the spreadsheet queries are in the yellow highlight. There is a note on the Visit tab that we will need to work out something for the Scheduled orders later, but that is not important now.

The document also includes all the PACS mappings as far as we can tell, including our attempt at mapping all the optional fields. If you can pass that on for confirmation to go with the PACS Gap/mappings file we would appreciate it.

Regards

[REDACTED] | IDIS Delivery Manager - UCPH Digital Solutions Program
 Phone: 02 6174 8768 | 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: Thursday, 25 January 2018 10:21 AM
To: [REDACTED] (Health) <[REDACTED]> [REDACTED] (Health) <[REDACTED]@act.gov.au>
Cc: [REDACTED] (Health) <[REDACTED]@act.gov.au>; Crossley, Nick <Nick.Crossley@act.gov.au>; [REDACTED] <[REDACTED]@act.gov.au> Barrett, Scott (Health) <Scott.Barrett@act.gov.au>; Arsavilli, Dev <Dev.Arsavilli@act.gov.au>; [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 - 10/01/18 [SEC=UNOFFICIAL]

Hello [REDACTED] and [REDACTED]

Please find attached Analysis documents with requested clarifications.

Please do let me know if you require further clarifications.

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]]
Sent: Wed, 24 January 2018 1:47 PM
To: [REDACTED]
Cc: [REDACTED] (Health); [REDACTED] (Health); Crossley, Nick; Barrett, Scott (Health); Arsavilli, Dev; [REDACTED] (Health); Duggan, Mark (Health); [REDACTED]
Subject: RE: NOTES: Siemens Telecon - RIS Data Analysis - Canberra Hospital - 10/01/18 [SEC=UNOFFICIAL]

.reg, [REDACTED]

I have attached *our* review of both the RIS and PACS Data mapping and Gap Analysis spreadsheets. I would note that only the RIS has both mappings and Gap – the PACS file contains only the current mappings at this point. Apart from that the current PACS mandatory mappings appear to be complete.

We still have some queries on the RIS mappings. We have marked all mappings that we feel are complete in green, and have marked our queries in a different colour. There is also one mapping that is to a non-existent field – we have a query against that one also.

I have also attached a document that *lists our* current understanding of the mappings set out in the Agfa file format. We have highlighted all the fields where we *still* have a query – these may match ones in the RIS mapping file, but some relate to mappings that we could not find in your document.

We think that if you are able to help us with these questions the RIS mapping/gap document should be able to be finalised.

Sorry it's so close to today's meeting; it's taken a while to go through everything and cross-check.

Regards

[REDACTED] | IDIS Delivery Manager - UCPH Digital Solutions Program
 Phone: 02 6174 8768 | 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, 23 January 2018 1:03 PM
To: [REDACTED] (Health) <[REDACTED]@act.gov.au>
Cc: [REDACTED] (Health) <[REDACTED]@act.gov.au>; [REDACTED] (Health) <[REDACTED]@act.gov.au>; Crossley, Nick <Nick.Crossley@act.gov.au>; Barrett, Scott (Health) <Scott.Barrett@act.gov.au>; [REDACTED] (Health) <[REDACTED]@act.gov.au>; Arsavilli, Dev <Dev.Arsavilli@act.gov.au>
Subject: RE: NOTES: Siemens Telecon - RIS Data Analysis - Canberra Hospital - 10/01/18 [SEC=UNOFFICIAL]

Hello [REDACTED]

Everything is on track. the standard and non-standard pdf documents are still being processed and we expect completion sometime today or tomorrow

I will advise when all files are available.

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, 23 January 2018 9:48 AM

To: [REDACTED]

Cc: [REDACTED] (Health); [REDACTED] (Health); Crossley, Nick; Barrett, Scott (Health); [REDACTED] (Health); Arsavilli, Dev

Subject: RE: NOTES: Siemens Telecon - RIS Data Analysis - Canberra Hospital - 10/01/18 [SEC=UNOFFICIAL]

Importance: High

Good Morning [REDACTED] and [REDACTED]

Hope you are having a nice day. Any further updates on items below. Also, if you can please include Dev Arsavilli in future emails as Dev is the new IDIS project manager who will need to be kept informed moving forward.

Have a lovely day Gents and speak soon!

Warm Regards,

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

Sent: Saturday, 20 January 2018 1:29 PM

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

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

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

Subject: RE: NOTES: Siemens Telecon - RIS Data Analysis - Canberra Hospital - 10/01/18 [SEC=UNOFFICIAL]

Hello [REDACTED]

Just to let you know that the 20% extracts for the exam, patient, result and service are now available on siesdm2 server in the below location

Location: /data/mnt/syspart01/syngo

```
siesdm2:/data/mnt/syspart01/syngo #
siesdm2:/data/mnt/syspart01/syngo #
siesdm2:/data/mnt/syspart01/syngo #
siesdm2:/data/mnt/syspart01/syngo #
siesdm2:/data/mnt/syspart01/syngo #
siesdm2:/data/mnt/syspart01/syngo #
siesdm2:/data/mnt/syspart01/syngo #
siesdm2:/data/mnt/syspart01/syngo # ls
256G exam.dat 1doc patient.dat result.dat scans service.dat
siesdm2:/data/mnt/syspart01/syngo #
```

Please note that attachments, scans and z-seg documents are still being processed and won't complete till Monday or Tuesday. Also the attachment extract won't be available till all attachment documents are completed.

***Please do not touch the ZSEG, idoc and scans folders until advised as files are still being processed. I will advise when all files are available.

I have also attached a revised version of the mapping and Gap Analysis document.

Kind Regards,

[REDACTED]
Siemens Healthcare Pty Ltd
 30 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]
Sent: Fri, 19 January 2018 9:42 AM
To: [REDACTED]
Cc: [REDACTED] (Health); [REDACTED] (Health); Crossley, Nick; Barrett, Scott (Health); [REDACTED] (Health)
Subject: RE: NOTES: Siemens Telecon - RIS Data Analysis - Canberra Hospital - 10/01/18 [SEC=UNOFFICIAL]

Hello [REDACTED]

I have not received confirmation about the share access yet but this only implicates the attachments. I will advise if we have any access issues.

As far as the extracts are concerned, we should be on track.

@ [REDACTED] and [REDACTED] - I had a look at the attachments we provided and it appears that then non-standard or Z-segments attachments are also part of the lot....Hint see filename. Can you please check and let me know if that works for you.

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: Fri, 19 January 2018 9:16 AM
To: [REDACTED]
Cc: [REDACTED] (Health); [REDACTED] (Health); Crossley, Nick; Barrett, Scott (Health); [REDACTED] (Health)
Subject: RE: NOTES: Siemens Telecon - RIS Data Analysis - Canberra Hospital - 10/01/18 [SEC=UNOFFICIAL]

Good Morning Gents.

How are we tracking with RISPACS and other items previously discussed.

Many Thanks.

Warm Regards,

From: [REDACTED] [mailto:[REDACTED]]
 Sent: Wednesday, 17 January 2018 5:21 PM
 To: [REDACTED] (Health) <[REDACTED]>
 Cc: [REDACTED] <[REDACTED]> (Health)
 <[REDACTED]@act.gov.au>; [REDACTED] (Health) <[REDACTED]@act.gov.au>; Crossley, Nick
 <Nick.Crossley@act.gov.au>; [REDACTED] (Health) <[REDACTED]@act.gov.au>; Barrett, Scott (Health)
 <Scott.Barrett@act.gov.au>
 Subject: RE: NOTES: Siemens Telecon - RIS Data Analysis - Canberra Hospital - 10/01/18 [SEC=UNOFFICIAL]

Hello [REDACTED]

As explained before, these systems are handled by different teams. RIS Team does not mingle in PACS affairs and vice versa.

If files are not needed in the provided share, then I would expect the RISPACS team to clear them out. Also there is a danger that the wrong files may be deleted and therefore we want to avoid this at all cost.

Can I please ask you to liaise with the RISPACS Team and have them clear the space or provide a more suitable share.

We need these details as soon as possible.

Kind Regards,

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

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Mobile: [REDACTED]

Email: [REDACTED]

Internet: www.healthcare.siemens.com.au

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From: [REDACTED] (Health) [mailto:[REDACTED]@act.gov.au]
 Sent: Wed, 17 January 2018 4:34 PM
 [REDACTED] (Health); [REDACTED] (Health); Crossley, Nick;
 [REDACTED] (Health); Barrett, Scott (Health)
 Subject: RE: NOTES: Siemens Telecon - RIS Data Analysis - Canberra Hospital - 10/01/18 [SEC=UNOFFICIAL]

We received the following advice from the RISPACS team on the share space for the RIS extract (apart from the attachments – they still have to provide us with the drive location for that). If you clear any older extracts from the below directory they believe that there will be enough space.

The server location listed below should have the capacity for the RIS dump and it can then be moved to the portable HD. However, Siemens will need to delete the data in the folder from the previous PACS dump to make space.

Thanks

Scot

Scott Barrett | Manager
 Direct Phone: 02 6174 8039 | Direct Email: scott.barrett@act.gov.au
 Diagnostic Imaging Systems | Diagnostic & Medication Systems Hub | Phone: 02 6174 8750 | Email: DSD.DIS@act.gov.au
 Technology Operations Branch | Digital Solutions Division | Health Directorate | ACT Government
 Level 10, Building 1, Canberra Hospital, Garran ACT | GPO Box 825, Canberra City ACT 2601 | act.gov.au

Hi Scott,

If this is for another db dump from Siemens PACS – same as before I would suggest. Siemens put it in this directory on the siesdm2 Linux server: and we copied to the USB HD:

/data/mnt/syspart01/

and we copied to the USB HD via Reporting workstation here.

Chris

Chris Pearce | PACS Administrator

Please check that you can access the share and let us know so we can organise something else if there is a problem.

[REDACTED]
 [REDACTED] | IDIS Delivery Manager - UCPH Digital Solutions Program
 Phone: 02 6174 8768 | 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: Wednesday, 17 January 2018 1:48 PM
 To: [REDACTED] (Health) <[REDACTED]@act.gov.au>
 Cc: [REDACTED] <[REDACTED]> [REDACTED] (Health)
 <[REDACTED] (Health) <[REDACTED]@act.gov.au>; [REDACTED] (Health)
 <[REDACTED]@act.gov.au>; Crossley, Nick <Nick.Crossley@act.gov.au>
 Subject: RE: NOTES: Siemens Telecon - RIS Data Analysis - Canberra Hospital - 10/01/18 [SEC=UNOFFICIAL]

Hello [REDACTED]

Just to let you know that the PACS 20% delivery is now available. I have also attached a mapping document for the PACS to assist your team

Data is located on : SIEOPM1\d\$\backups\PACSExtract

Please have your team analyse the files and advise of any issues.

The RIS 20% delivery will be available later this week...most likely by the 20th.

Please note that without the share we cannot complete the 20% delivery due to the sheer amount of data, Can you please advise on the status of the share?

Kind Regards,

[Redacted signature]

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: Mon, 15 January 2018 3:24 PM

[Redacted] (Health); [Redacted] (Health); [Redacted] (Health)

Subject: RE: NOTES: Siemens Telecon - RIS Data Analysis - Canberra Hospital - 10/01/18 [SEC=UNOFFICIAL]

Hi [Redacted]

Thanks for the update.

Speak soon.

Warm Regards,

[Redacted signature]

From: [Redacted] [mailto:[Redacted]]
Sent: Monday, 15 January 2018 3:20 PM
To: [Redacted] (Health) <[Redacted]act.gov.au>
Cc: [Redacted] <[Redacted] (Health)>
<[Redacted] (Health) <[Redacted]act.gov.au>; [Redacted] (Health)>
<[Redacted]act.gov.au>
Subject: RE: NOTES: Siemens Telecon - RIS Data Analysis - Canberra Hospital - 10/01/18 [SEC=UNOFFICIAL]