

Heland, Rebecca (Health)

From: [REDACTED] <[REDACTED]>
Sent: Monday, 22 January 2018 10:19 PM
To: [REDACTED]
Cc: Pearce, Christopher (Health); Arsavilli, Dev; [REDACTED] (Health); [REDACTED]
 Crossley, Nick; Barrett, Scott (Health); [REDACTED] (Health); [REDACTED]
Subject: [AUS - ACT] RIS PACS Extract [SEC=UNCLASSIFIED]

Hi All,

I have configured:

- A mapping on EI that will set the 'Issuer of PID' to 'PAS' for all migrated DICOM images
- A migration batch that will run between 5h30 and 8h00 (local time) starting 23/01/2017. If the batch isn't finished at 8h00, it will continue the next day at 5h30.

Kind Regards,

[REDACTED]
 [REDACTED]
 T [REDACTED]

[REDACTED] NV, [REDACTED]
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<http://blog.agfahealthcare.com>

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[REDACTED]
 [REDACTED]
 Cc: "Pearce, Christopher (Health)" <Christopher.Pearce@act.gov.au>, "Arsavilli, Dev" <Dev.Arsavilli@act.gov.au>, [REDACTED] (Health)" <[REDACTED]@act.gov.au>, [REDACTED] "Crossley, Nick" <Nick.Crossley@act.gov.au>, "Barrett, Scott (Health)" <Scott.Barrett@act.gov.au>, [REDACTED] (Health)" <[REDACTED]>
 Date: 19/01/2018 05:38
 Subject: RE: [AUS - ACT] RIS PACS Extract [SEC=UNCLASSIFIED]

Hi [REDACTED]

Can you please schedule image transfer for the remainder of the DICOM images between **5:30 and 8:00 am our time beginning next Tuesday 23 Jan.** At this stage we need to operate in this window and ensure the task is stopped by 08:00.

Also as per earlier email from [REDACTED] ACTH has confirmed that the only Patient "Assigning Authority"/IssuerOfPatientID that they will be sending using is a value of PAS, which can be configured as a hard coded value for the image migration to handle any instances when another value is used.

Kind Regards,

[REDACTED]
 [REDACTED]
 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
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<http://blog.agfahealthcare.com>

Great thanks.

██████████ E, can you work with ██████████ to schedule image transfer between 5:30 and 8:00 am our time beginning next Tuesday 23 Jan. If required, he can continue on Wednesday at the same time.

Hopefully that will be sufficient for this initial test, but we can look at extending it if needed.

We can look to plan image load and performance testing for the 20% extract once this test has been evaluated.

Regards

██████████
 Phone: 02 6174 8768 | Mobile: ██████████ | Email: ██████████@act.gov.au
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From: Barrett, Scott (Health)

Sent: Friday, 19 January 2018 9:37 AM

To: ██████████ (Health) <██████████>
 : ██████████ <██████████> (Health) <██████████@act.gov.au>; Crossley, Nick
 <Nick.Crossley@act.gov.au>; Pearce, Christopher (Health) <Christopher.Pearce@act.gov.au>; ██████████
 <██████████> Arsavilli, Dev <Dev.Arsavilli@act.gov.au>

Subject: RE: [AUS - ACT] RIS PACS Extract [SEC=UNCLASSIFIED]

Hi ██████████

Tuesday between 5:30 and 8 is no problems.

I'd be reluctant to start any earlier than that as there will be overnight IP cases taking place and PACS will be being frequently accessed by the Radiologists and Radiographers. We normally try to perform maintenance between 5am and 8am because that time has proven to be the quietest for the department historically.

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: ██████████ (Health)

Sent: Friday, 19 January 2018 9:01 AM

To: Barrett, Scott (Health) <Scott.Barrett@act.gov.au>
Cc: ██████████ <██████████> (Health) <██████████@act.gov.au>; Crossley, Nick
 <Nick.Crossley@act.gov.au>; Pearce, Christopher (Health) <Christopher.Pearce@act.gov.au>; ██████████
 <██████████> Arsavilli, Dev <Dev.Arsavilli@act.gov.au>

Subject: RE: [AUS - ACT] RIS PACS Extract [SEC=UNCLASSIFIED]

Scott,

We would like to do the next stage of testing of image transfer in Dev as early as possible next week. Do you see any issues in scheduling it for early Tuesday morning our time? Agfa can set it up to finish by 8:00 am. If it is possible to start earlier than 5:30 please let us know.

Thanks

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From: Barrett, Scott (Health)
Sent: Tuesday, 9 January 2018 2:07 PM
To: [REDACTED] (Health) <[REDACTED]>
Cc: [REDACTED] (Health) <[REDACTED]@act.gov.au>; Crossley, Nick <Nick.Crossley@act.gov.au>; Pearce, Christopher (Health) <Christopher.Pearce@act.gov.au>
Subject: RE: [AUS - ACT] RIS PACS Extract [SEC=UNCLASSIFIED]

Hi [REDACTED]

Generally the best time to do this type of texting would be any day between 5:30am and 8:00am. This is the time the department generally quiet and it's the window we use for any planned maintenance/downtime.

We can put out some coms to let people know there may be some slowness.

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
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From: [REDACTED] (Health)
Sent: Tuesday, 9 January 2018 11:36 AM
To: [REDACTED] <[nick.\[REDACTED\]](mailto:nick.[REDACTED])>
Cc: [REDACTED] (Health) <[REDACTED]@act.gov.au>; Barrett, Scott (Health) <Scott.Barrett@act.gov.au>; Crossley, Nick <Nick.Crossley@act.gov.au>; Pearce, Christopher (Health) <Christopher.Pearce@act.gov.au>
Subject: FW: [AUS - ACT] RIS PACS Extract [SEC=UNCLASSIFIED]

[REDACTED] E,

The Siemens system should be configured ready to test Image transfer. Are you able to check that it's visible to EI without actually impacting the Prod system (e.g. just via a ping or similar)?

Scott, can we identify the best time to do some test image retrieves to ensure that we don't adversely affect current Prod? The first test should probably just be to check that we can successfully retrieve and load images for a few of the patients already loaded; more formal timing tests would need to wait until we have our next load of a larger set of data from Siemens.

Nick C, we discussed just before shutdown the need to submit a request for approval to have prod images loaded into Dev. I'm still thinking we do need it.

[REDACTED]
 [REDACTED]
 Phone: 02 6174 8768 | Mobile: [REDACTED] | Email: [REDACTED]
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From: Pearce, Christopher (Health)
Sent: Tuesday, 9 January 2018 11:16 AM
To: [REDACTED] (Health) <[REDACTED]>
Subject: RE: [AUS - ACT] RIS PACS Extract [SEC=UNCLASSIFIED]

Hi [REDACTED]

The Agfa AMT is setup on the Siemens PACS.

Chris

Chris Pearce | PACS Administrator

Direct Phone: 02 61747961 | Direct Email: Christopher.Pearce@act.gov.au

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

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From: [REDACTED] (Health)

Sent: Tuesday, 9 January 2018 10:43 AM

To: Pearce, Christopher (Health) <Christopher.Pearce@act.gov.au>

Subject: RE: [AUS - ACT] RIS PACS Extract [SEC=UNCLASSIFIED]

Great, thanks.

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

Phone: 02 6174 8768 | Mobile: [REDACTED] | Email: [\[REDACTED\]@act.gov.au](mailto:[REDACTED]@act.gov.au)

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From: Pearce, Christopher (Health)

Sent: Tuesday, 9 January 2018 10:41 AM

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

Subject: RE: [AUS - ACT] RIS PACS Extract [SEC=UNCLASSIFIED]

Hi [REDACTED]

OK.

The IP Address & FQDN [REDACTED] has indicated for the AMT appears to be correct:

```
Name:      eimigration01.act.gov.au
Address:   10.24.2.38
```

Chris

Chris Pearce | PACS Administratr

Direct Phone: 02 61747961 | Direct Email: Christopher.Pearce@act.gov.au

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From: [REDACTED] (Health)

Sent: Tuesday, 9 January 2018 10:36 AM

To: Pearce, Christopher (Health) <Christopher.Pearce@act.gov.au>

Subject: FW: [AUS - ACT] RIS PACS Extract [SEC=UNCLASSIFIED]

Chris,

Apparently the AMT does need to be set up. See below for the detail – note that [REDACTED] [REDACTED] from Agfa is seeking final confirmation of the IP address, but all the remainder should be fine.

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

Phone: 02 6174 8768 | Mobile: [REDACTED] | Email: [REDACTED]

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

Sent: Tuesday, 9 January 2018 10:07 AM

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

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

Subject: Re: FW: [AUS - ACT] RIS PACS Extract [SEC=UNCLASSIFIED]

Hi [REDACTED]

Both devices need to be added to Siemens PACS.

I have copied the AMT servers details from [REDACTED] email below and have also included the hostname/FQDN. The IP address he provided appears to be incorrect. [REDACTED] is the IP address/host I have provided below the correct server?

AMT

- AE Title: AMT
- IP Address: eimigration01.act.gov.au (10.24.2.38)
- Port: 104
-

Kind Regards,

[REDACTED]
[REDACTED]
T +61 3 9756 4645 | F +61 7 3356 6683 | [REDACTED]

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<http://blog.agfahealthcare.com>

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[REDACTED]
Date: 09/01/2018 07:15 AM
Subject: FW: [AUS - ACT] RIS PACS Extract [SEC=UNCLASSIFIED]

[REDACTED]

I note that Chris hasn't copied this to you, though you are probably aware of the detail since Chris has spoken with you. Can you work with [REDACTED] to get things set up ready for a test of the image transfer and then we will look to schedule with Chris.

Thanks

[REDACTED] | IDIS Delivery Manager - UCPH Digital Solutions Program
Phone: 02 6174 8768 | Mobile: 0418 815 806 | Email: [REDACTED]
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From: Pearce, Christopher (Health)
Sent: Monday, 8 January 2018 4:41 PM
To: [REDACTED] (Health) <[REDACTED]>
Cc: [REDACTED] (Health) <[REDACTED]@act.gov.au>; Crossley, Nick <Nick.Crossley@act.gov.au>; Barrett, Scott (Health) <Scott.Barrett@act.gov.au>; Alam, Azwer (Health) <Azwer.Alam@act.gov.au>
Subject: RE: [AUS - ACT] RIS PACS Extract [SEC=UNCLASSIFIED]

Hi [REDACTED]

I have spoken to [REDACTED] & [REDACTED] to clarify what the AMT device is below.

██████████
 ██████████ | IDIS Delivery Manager - UCPH Digital Solutions Program
 Phone: 02 6174 8768 | Mobile: ██████████ | Email: ██████████
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 Level 10, Building 1, TCH, Garran ACT | PO Box 11, Woden ACT 2606 | www.act.gov.au

From: ██████████ [mailto:██████████]
Sent: Wednesday, 20 December 2017 5:41 PM
To: ██████████ (Health) <██████████@act.gov.au>
Cc: ██████████ <██████████> ██████████ (Health) <██████████@act.gov.au>; ██████████
 <██████████> Crossley, Nick <Nick.Crossley@act.gov.au>; ██████████ (Health) <██████████@act.gov.au>;
 ██████████ (Health) <██████████> ██████████ <██████████>
Subject: [AUS - ACT] RIS PACS Extract [SEC=UNCLASSIFIED]

Hi ██████████

The HL7 data has been migrated for the provided period.

For the DICOM migration I have only executed the validation of the files. I don't think I have received the actual DICOM connection information for the Siemens PACS to direct my C-MOVE migration requests to.

To be sure, I'll add the AMT and EI DICOM details again so that they can also be checked/created in Siemens:

AMT

- AE Title: AMT
- IP Address: 10.69.32.20
- Port: 104

EI

- AE Title: EIDEV_PRIORS
- IP Address: eidc1devcs.act.gov.au (10.24.2.66)
- Port: 104

The 46 reports that didn't pass validation failed, because they are linked to the 46 StudyUIDs in req proc that failed to validate. These failed because of the duplicate StudyUID.

Kind Regards,

Holiday alerts:

- 18/12/2017 until 21/12/2017 only 50% available
- 22/12/2017 until 29/12/2017 not available

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[Redacted] "Crossley, Nick"
<Nick.Crossley@act.gov.au>, [Redacted] (Health) <[Redacted]@act.gov.au>
Date: 20/12/2017 01:24
Subject: RE: [AUS - ACT] RIS PACS Extract [SEC=UNCLASSIFIED]

Hi [Redacted]

Thanks for the feedback.

Just a quick confirmation, has HL7 and DICOM been migrated to Dev EI. We see numbers for the RIS data (Patients, Orders and Reports), but not for Studies..

Report: 46 linked to a failed reference in Req Proc. Are these report records missing a reference in requested procedure because the requested procedure records with non-unique StudyUIDs have been excluded from the load??

Thanks,

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

From: [Redacted] (Health)
Sent: Wednesday, 20 December 2017 11:16 AM
To: [Redacted] (Health) <[Redacted]@act.gov.au>
Cc: [Redacted] (Health) <[Redacted]@act.gov.au>; [Redacted] <[Redacted]@act.gov.au> Crossley, Nick <Nick.Crossley@act.gov.au>; [Redacted] (Health) <[Redacted]@act.gov.au>
Subject: RE: [AUS - ACT] RIS PACS Extract [SEC=UNCLASSIFIED]

Thanks [Redacted]

That looks like a pretty good outcome. If [Redacted] needs any additional information on specific records we'll come back to you.

[Redacted] | IDIS Delivery Manager - UCPH Digital Solutions Program
Phone: 02 6174 8768 | Mobile: [Redacted] | Email: [Redacted]
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From: [Redacted] [mailto:[Redacted]]
Sent: Tuesday, 19 December 2017 8:23 PM
To: [Redacted] (Health) <[Redacted]@act.gov.au>
Cc: [Redacted] (Health) <[Redacted]@act.gov.au>; [Redacted] <[Redacted]@act.gov.au> Crossley, Nick <Nick.Crossley@act.gov.au>; [Redacted] (Health) <[Redacted]@act.gov.au>; [Redacted] (Health) <[Redacted]@act.gov.au>

< [REDACTED]
Subject: [AUS - ACT] RIS PACS Extract [SEC=UNCLASSIFIED]

Hi All,

I have imported the received extracts into our tools, a summary below.

HL7

Validation results:

- Physician: No file, so I created a dummy physician
- Patients: All good
- Service Request: All good
- Requested Proc: 46 StudyUID not unique (known issue)
- Report: 46 linked to a failed reference in Req Proc
- Attachments: No file provided

Migration to EI:

The data that was validated has now been migrated to the DEV EI cluster.

These are the totals of the migrated data, no migration or validation errors have been detected.

- Patients: 4593
- Orders: 8280
- Reports: 8190

DICOM

This was the first test to import the DICOM format. All 3 flat files have the correct format and have been imported correctly into the AMT database.

Validation:

(No crosschecks with the HL7 data have been made yet)

- Accession Number checks: 166 duplicate accession numbers detected
- Patient ID checks: No problems detected
- StudyUID checks: No problems detected

No checks on patient names have been executed, because the data is anonymized

Kind Regards,

[REDACTED] | [REDACTED]
 [REDACTED] [REDACTED]
 T [REDACTED]

Holiday alerts:

- 18/12/2017 until 21/12/2017 only 50% available
- 22/12/2017 until 29/12/2017 not available

[REDACTED] NV, [REDACTED]
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[REDACTED]
[REDACTED]
[REDACTED] "Crossley, Nick"
<Nick.Crossley@act.gov.au>
Date: 19/12/2017 07:00
Subject: RIS PACS Extract [SEC=UNCLASSIFIED]

Hi [REDACTED]
Below are the details for the extract handed over:

Service Request, Requested Procedure, and Report: The extract contains data for a 20 day period from the 01/Jan/2013 to 20/Jan/2013

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. RIS has multiple accession numbers with the same study, but PACS has the study associated to one of the accession numbers only. Need to discuss this further with AGFA to find a resolution for the StudyUIDs to be unique in the RequestedProcedures file.

Some procedures are missing a StudyUID but have an associated report, questions will be raised with Siemens to clarify its validity. (62 records)
Some procedures with valid StudyUIDs have no associated reports, this will be confirmed with Siemens too. (4 records)

Some studies in RIS have no corresponding records in PACS, this will be discussed with Siemens. (119 records)

Blank study and series descriptions have been defaulted to 'Unknown'

There were some records with a blank series_number, this will be raised with Siemens, but for now they have been defaulted to 0.

Thanks,

[Redacted]

[Redacted] | [Redacted] am
Mobile : [Redacted] Email: [Redacted] [act.gov.au](mailto:[Redacted]@act.gov.au)

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Heland, Rebecca (Health)

From: Arsavilli, Dev
Sent: Monday, 22 January 2018 8:02 AM
To: Cook, Sandra (Health); Duggan, Mark (Health)
Subject: RE: Dev - Project Update [SEC=UNCLASSIFIED, DLM=For-Official-Use-Only]

Hi Sandra,

Thank you for your guidance and I will discuss with [REDACTED] today.

I had a general discussion with [REDACTED] on Friday regarding this:

1. [REDACTED] said that, she does everything for migration on her own but on certain aspects like management liaison and communication [REDACTED] is helping her.
 - a. she considers herself is a developer and doesn't like chasing customer etc
 - b. However, [REDACTED] doesn't understand the SQL scripting but understands the concepts
 - c. These days [REDACTED] is chasing Siemens for their work for her and completing the status reports for [REDACTED] and [REDACTED] as well.

My current observation is that [REDACTED] is talking about migration happily and showing less interest in discussing integration:

2. He would take ownership on the migration work but when it comes to interfacing he is struggling to give more information
3. I had an hour meeting on Data Migration and another hour on Integration on Friday
 - a. Migration he stood up and explained all hour happily
 - b. During the integration meeting he tried to complete the discussion saying 'is that enough for now?'
 - i. However, I pushed him to show me what has
 1. He has a simple document containing a paragraph per interface – which doesn't show any details including business mappings.
 - a. Explained him on how vendors take advantage of this aspect.
 - b. Explained it to him on how testing will fail and will impact project go-live
 2. At the end he agreed, that he doesn't have clear interface specifications.
 3. He thinks that it is the responsibility of the other tech teams to provide (especially integration team)
 4. But as a project team we need to be proactive and find information we need
 - a. Mentioned that there is an ACTPAS specification from CSC and there is a spec from OrionHealth on eOrders
 - b. [REDACTED] asked, if I help in getting these documents he would look in to them and will write the specifications.
 - c. A small discussing with Michael would have provided him with this information.
 5. I need to work with him more on the integration
 6. Taking the migration hat off him may help him concentrate on this, but he may not like this.

Discussed with [REDACTED] the above aspects:

4. She agrees with me on my observations
5. Her only note was that she struggled to get a status report from [REDACTED] and she observed that there is an issue with integration work
6. Since she asked [REDACTED] to help, she is getting status report form [REDACTED] instead
7. I believe, [REDACTED] is chasing Siemens more effectively than [REDACTED] or [REDACTED]
 - a. This is something that is important now but I will discuss further with [REDACTED]
8. Other than that [REDACTED] is not having any significant role.
 - c. He is doing some PM type task for [REDACTED] (I could manage them between myself and [REDACTED])

- d. I will discuss with [REDACTED] if he would do the technical work with [REDACTED] to draft interface specs
8. Today I will meet with [REDACTED] and [REDACTED] separately and will update on the outcome.

Kind Regards,

Dev

Dev Arsavilli | Project Manager

Phone: 02 6205 0359 | Mobile [REDACTED] | Email: Dev.Arsavilli@act.gov.au

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From: Cook, Sandra (Health)

Sent: Sunday, 21 January 2018 9:17 PM

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

Subject: RE: Dev - Project Update [SEC=UNCLASSIFIED, DLM=For-Official-Use-Only]

Hi Dev,

Thank you for this.

I would also be happy if you asked [REDACTED] to concentrate on integration for the next 5-6 weeks and got [REDACTED] to lead the migration.

Did you have a feel for the work that [REDACTED] is doing – would you like him to continue to assist in the migration and integration areas?

Kind Regards,

Sandra Cook | Director Future Capability & Governance

Phone: 02 6205 1451 | Mob. [REDACTED]

Email: sandra.cook@act.gov.au

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

From: Arsavilli, Dev

Sent: Friday, 19 January 2018 5:28 PM

To: Duggan, Mark (Health) <Mark.Duggan@act.gov.au>; Cook, Sandra (Health) <Sandra.Cook@act.gov.au>

Subject: Dev - Project Update [SEC=UNCLASSIFIED, DLM=For-Official-Use-Only]

Hi Mark and Sandra,

I had a good productive day at the project team.
Most of the day I was independently meeting the teams and taking feedback.

Today morning I met with Michael Cowey (Integration Team Manager) and discussed integration work in detail and took note of his concerns. He was very happy that I met him.

Also I met with [REDACTED] [REDACTED] and [REDACTED]

1. Data migration side I see that the work is progressing.
 - a. I identified some gaps and gave some guidelines on how they progress

- b. Had a separate meeting with [REDACTED] on the work she is doing as well
 - i. There is a need to maintain version control and documentation of the data migration scripting which is not happening now.
 - ii. Explained the importance to [REDACTED] and [REDACTED] and they have agreed to work on that.
 - c. There is a need to verify the quality of the work being done (testers would validate but there is a need for business validation before UAT)
 - d. There is a risk – as only [REDACTED] knows and understands her scripts.
 - i. In any unexpected situation we would require someone else to take it forward
 - ii. I asked her to document the development work and suggested that I would bring an external consultant to see and verify the documentation.
 - iii. Provided an example from my previous project to look at the documentation
2. Integration side I see several gaps (this will be the key for go-live and I have to put a lot of energy in to it – also this is the area I understand fully)
- a. I am waiting to see the integration specifications that will be delivered by AGFA today.
 - b. Interface specifications are not sufficiently developed for interface build
 - c. There are assumptions made in relation whose responsibility it is to put documentation together.
 - d. [REDACTED] agrees that he needs to work on this and agreed to take my help.
 - i. I will work with him in the next few weeks to get the up to speed.
 - ii. I will provide examples of interface specifications to him to work on.
 - e. Your Guidance:
 - i. I feel that [REDACTED] should concentrate on Integration work at least for the next 5 weeks
 - ii. If [REDACTED] can manage Migration independently (I could help her as much as possible)
3. I met with Jes on the configuration work
- a. Very comfortable with the work and the progress in this aspect.
 - b. They are on schedule
4. Met with Scott
- a. Had a good discussion on BAU aspects and the project progress
5. Met with the test lead
- a. Discussed several issues and will work with them
 - b. On the configuration side they are working well with Jes and team.
 - c. Integration side we need to work with them and help
 - d. On the whole good progress so far and are on schedule
6. Change Management
- a. Had good discussion with Jen – very comfortable with the work that is going on
 - b. Provided an example training plan from my previous project
 - c. I am yet to discuss in detail – the change management and transition work

I will update when I catch up on Monday.

Please feel free to give me a ring at any time ([REDACTED]) to discuss.

Kind Regards,

Dev

--

Dev Arsavilli | Project Manager

Phone: 02 6205 0359 | 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

Heland, Rebecca (Health)

From: Arsavilli, Dev
Sent: Monday, 22 January 2018 6:32 AM
To: Duggan, Mark (Health)
Cc: Cook, Sandra (Health)
Subject: RE: Dev - Project Update [SEC=UNCLASSIFIED, DLM=For-Official-Use-Only]

Hi Mark,
Good morning and thank you for your email and support.

I am still observing the team and their work.
I will take this week also to pick up on the work-packets they are handling and the progress in relation to go-live date.
With that info I will discuss in detail the plan to progress.

Would like to work with you on day today basis and looking forward to catch up with you today to discuss further.

Kind Regards,

Dev

--

Dev Arsavilli | Project Manager
Phone: 02 6205 0359 | 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: Duggan, Mark (Health)
Sent: Friday, 19 January 2018 7:55 PM
To: Arsavilli, Dev <Dev.Arsavilli@act.gov.au>
Cc: Cook, Sandra (Health) <Sandra.Cook@act.gov.au>
Subject: Re: Dev - Project Update [SEC=UNCLASSIFIED, DLM=For-Official-Use-Only]

Hi Dev,

This is an excellent overview and is appreciated. If I can assist in any way please let Mel know.

Cheers,

Mark.

Mark Duggan
Acting Manager Medical Imaging
[REDACTED]

Sent from my iPad

On 19 Jan 2018, at 5:28 pm, Arsavilli, Dev <Dev.Arsavilli@act.gov.au> wrote:

Hi Mark and Sandra,

I had a good productive day at the project team.
Most of the day I was independently meeting the teams and taking feedback.

Today morning I met with Michael Cowey (Integration Team Manager) and discussed integration work in detail and took note of his concerns. He was very happy that I met him.

Also I met with [REDACTED] [REDACTED] and [REDACTED]

1. Data migration side I see that the work is progressing.
 - a. I identified some gaps and gave some guidelines on how they progress
 - b. Had a separate meeting with [REDACTED] on the work she is doing as well
 - i. There is a need to maintain version control and documentation of the data migration scripting which is not happening now.
 - ii. Explained the importance to [REDACTED] and [REDACTED] and they have agreed to work on that.
 - c. There is a need to verify the quality of the work being done (testers would validate but there is a need for business validation before UAT)
 - d. There is a risk – as only [REDACTED] knows and understands her scripts.
 - i. In any unexpected situation we would require someone else to take it forward
 - ii. I asked her to document the development work and suggested that I would bring an external consultant to see and verify the documentation.
 - iii. Provided an example from my previous project to look at the documentation
2. Integration side I see several gaps (this will be the key for go-live and I have to put a lot of energy in to it – also this is the area I understand fully)
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6. Change Management
 - a. Had good discussion with Jen – very comfortable with the work that is going on
 - b. Provided an example training plan from my previous project
 - c. I am yet to discuss in detail – the change management and transition work

I will update when I catch up on Monday.
Please feel free to give me a ring at any time ([REDACTED]) to discuss.

Kind Regards,

Dev

Dev Arsavilli | Project Manager

Phone: 02 6205 0359 | 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

Heland, Rebecca (Health)

From: Arsavilli, Dev
Sent: Friday, 19 January 2018 5:28 PM
To: Duggan, Mark (Health); Cook, Sandra (Health)
Subject: Dev - Project Update [SEC=UNCLASSIFIED, DLM=For-Official-Use-Only]

Hi Mark and Sandra,

I had a good productive day at the project team.
 Most of the day I was independently meeting the teams and taking feedback.

Today morning I met with Michael Cowey (Integration Team Manager) and discussed integration work in detail and took note of his concerns. He was very happy that I met him.

Also I met with [REDACTED] [REDACTED] and [REDACTED]

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 - b. Had a separate meeting with [REDACTED] on the work she is doing as well
 - i. There is a need to maintain version control and documentation of the data migration scripting which is not happening now.
 - ii. Explained the importance to [REDACTED] and [REDACTED] and they have agreed to work on that.
 - c. There is a need to verify the quality of the work being done (testers would validate but there is a need for business validation before UAT)
 - d. There is a risk – as only [REDACTED] knows and understands her scripts.
 - i. In any unexpected situation we would require someone else to take it forward
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6. Change Management

- a. Had good discussion with Jen – very comfortable with the work that is going on
- b. Provided an example training plan from my previous project
- c. I am yet to discuss in detail – the change management and transition work

I will update when I catch up on Monday.

Please feel free to give me a ring at any time ([REDACTED]) to discuss.

Kind Regards,

Dev

--

Dev Arsavilli | Project Manager

Phone: 02 6205 0359 | 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

As we discussed yesterday, is it possible to schedule the transfer start time earlier than 05:30? We can make sure activity stops at 08:00.

Kind Regards,

T +61 3 9756 4308 | F +61 2 9647 2742 | M

Australia Pty Ltd. Unit 18, 52 Holker St, Silverwater NSW 2128 Australia

<http://www.agfahealthcare.com>

<http://blog.agfahealthcare.com>

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

From: (Health) <>
 To: "Barrett, Scott (Health)" <Scott.Barrett@act.gov.au>
 "Crossley, Nick" <Nick.Crossley@act.gov.au>, "Pearce, Christopher (Health)" <Christopher.Pearce@act.gov.au>, "Arsavilli, Dev" <Dev.Arsavilli@act.gov.au>
 Date: 19/01/2018 09:48
 Subject: RE: [AUS - ACT] RIS PACS Extract [SEC=UNCLASSIFIED]

Great thanks.

E, can you work with to schedule image transfer between 5:30 and 8:00 am our time beginning next Tuesday 23 Jan. If required, he can continue on Wednesday at the same time.

Hopefully that will be sufficient for this initial test, but we can look at extending it if needed.

We can look to plan image load and performance testing for the 20% extract once this test has been evaluated.

Regards

Phone: 02 6174 8768 | Mobile: | Email: Pederick@act.gov.au
 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: Barrett, Scott (Health)

Sent: Friday, 19 January 2018 9:37 AM

To: (Health) <>

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

<>@act.gov.au; Pearce, Christopher (Health) <Christopher.Pearce@act.gov.au>;

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

Subject: RE: [AUS - ACT] RIS PACS Extract [SEC=UNCLASSIFIED]

Hi

Tuesday between 5:30 and 8 is no problems.

I'd be reluctant to start any earlier than that as there will be overnight IP cases taking place and PACS will be being frequently accessed by the Radiologists and Radiographers. We normally try to perform maintenance between 5am and 8am because that time has proven to be the quietest for the department historically.

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: [REDACTED] (Health)

Sent: Friday, 19 January 2018 9:01 AM

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

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

Subject: RE: [AUS - ACT] RIS PACS Extract [SEC=UNCLASSIFIED]

Scott,

We would like to do the next stage of testing of image transfer in Dev as early as possible next week. Do you see any issues in scheduling it for early Tuesday morning our time? Agfa can set it up to finish by 8:00 am. If it is possible to start earlier than 5:30 please let us know.

Thanks

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

Phone: 02 6174 8768 | Mobile: [REDACTED] | Email: [\[REDACTED\]@act.gov.au](mailto:[REDACTED]@act.gov.au)

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: Barrett, Scott (Health)

Sent: Tuesday, 9 January 2018 2:07 PM

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

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

Subject: RE: [AUS - ACT] RIS PACS Extract [SEC=UNCLASSIFIED]

Hi [REDACTED]

Generally the best time to do this type of texting would be any day between 5:30am and 8:00am. This is the time the department generally quiet and it's the window we use for any planned maintenance/downtime.

We can put out some coms to let people know there may be some slowness.

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: [REDACTED] (Health)

Sent: Tuesday, 9 January 2018 11:36 AM

To: [REDACTED] <[REDACTED]>

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

Subject: FW: [AUS - ACT] RIS PACS Extract [SEC=UNCLASSIFIED]

[REDACTED]

The Siemens system should be configured ready to test Image transfer. Are you able to check that it's visible to EI without

actually impacting the Prod system (e.g. just via a ping or similar)?

Scott, can we identify the best time to do some test image retrieves to ensure that we don't adversely affect current Prod? The first test should probably just be to check that we can successfully retrieve and load images for a few of the patients already loaded; more formal timing tests would need to wait until we have our next load of a larger set of data from Siemens.

Nick C, we discussed just before shutdown the need to submit a request for approval to have prod images loaded into Dev. I'm still thinking we do need it.

██████████ | IDIS Delivery Manager - UCPH Digital Solutions Program
 Phone: 02 6174 8768 | Mobile: ██████████ | Email: Tony.██████████@act.gov.au
 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: Pearce, Christopher (Health)
Sent: Tuesday, 9 January 2018 11:16 AM
To: ██████████ (Health) <██████████>
Subject: RE: [AUS - ACT] RIS PACS Extract [SEC=UNCLASSIFIED]

Hi ██████████

The Agfa AMT is setup on the Siemens PACS.

Chris

Chris Pearce | PACS Administrator
 Direct Phone: 02 61747961 | Direct Email: Christopher.Pearce@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: ██████████ (Health)
Sent: Tuesday, 9 January 2018 10:43 AM
To: Pearce, Christopher (Health) <Christopher.Pearce@act.gov.au>
Subject: RE: [AUS - ACT] RIS PACS Extract [SEC=UNCLASSIFIED]

Great, thanks.

██████████ | IDIS Delivery Manager - UCPH Digital Solutions Program
 Phone: 02 6174 8768 | Mobile: ██████████ | Email: ██████████
 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: Pearce, Christopher (Health)
Sent: Tuesday, 9 January 2018 10:41 AM
To: ██████████ (Health) <██████████>
Subject: RE: [AUS - ACT] RIS PACS Extract [SEC=UNCLASSIFIED]

Hi ██████████

OK.

The IP Address & FQDN ██████████ has indicated for the AMT appears to be correct:

```
Name: eimigration01.act.gov.au
Address: 10.24.2.38
```

Chris

Chris Pearce | PACS Administratr
 Direct Phone: 02 61747961 | Direct Email: Christopher.Pearce@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: [REDACTED] (Health)
Sent: Tuesday, 9 January 2018 10:36 AM
To: Pearce, Christopher (Health) <Christopher.Pearce@act.gov.au>
Subject: FW: [AUS - ACT] RIS PACS Extract [SEC=UNCLASSIFIED]

Chris,

Apparently the AMT does need to be set up. See below for the detail – note that [REDACTED] from Agfa is seeking final confirmation of the IP address, but all the remainder should be fine.

[REDACTED]
 [REDACTED]
 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, 9 January 2018 10:07 AM
To: [REDACTED] (Health) <[REDACTED]>
Cc: [REDACTED] <[REDACTED]> (Health) <[REDACTED]@act.gov.au>; Crossley, Nick <Nick.Crossley@act.gov.au>
Subject: Re: FW: [AUS - ACT] RIS PACS Extract [SEC=UNCLASSIFIED]

Hi [REDACTED]

Both devices need to be added to Siemens PACS.

I have copied the AMT servers details from [REDACTED] email below and have also included the hostname/FQDN. The IP address he provided appears to be incorrect. [REDACTED] is the IP address/host I have provided below the correct server?

AMT

- AE Title: AMT
- IP Address: eimigration01.act.gov.au (10.24.2.38)
- Port: 104
-

Kind Regards,

[REDACTED]
 [REDACTED]
 T +61 3 9756 4645 | F +61 7 3356 6683 | [REDACTED]

<http://www.agfahealthcare.com>
<http://blog.agfahealthcare.com>

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

[REDACTED]
 [REDACTED]
 Date: 09/01/2018 07:15 AM
 Subject: FW: [AUS - ACT] RIS PACS Extract [SEC=UNCLASSIFIED]

I note that Chris hasn't copied this to you, though you are probably aware of the detail since Chris has spoken with you. Can you work with [REDACTED] to get things set up ready for a test of the image transfer and then we will look to schedule with Chris.

Thanks

[REDACTED] | IDIS Delivery Manager - UCPH Digital Solutions Program
 Phone: 02 6174 8768 | Mobile: [REDACTED] | Email: [REDACTED]@act.gov.au
 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: Pearce, Christopher (Health)
Sent: Monday, 8 January 2018 4:41 PM
To: [REDACTED] Tony (Health) <[REDACTED]>
Cc: [REDACTED] (Health) <[REDACTED]@act.gov.au>; Crossley, Nick <[REDACTED]@act.gov.au>; Barrett, Scott (Health) <Scott.Barrett@act.gov.au>; Alam, Azwer (Health) <Azwer.Alam@act.gov.au>
Subject: RE: [AUS - ACT] RIS PACS Extract [SEC=UNCLASSIFIED]

Hi [REDACTED]

I have spoken to [REDACTED] & [REDACTED] to clarify what the AMT device is below.

[REDACTED] has said only the EI needs to be setup in the Siemens PACS.

I have setup the EI in the Siemens PACS as per below details to allow Q/R to be performed.

Let me know if the AMT also needs to be setup after all – I will need to be supplied with the AMT hostname/FQDN for this.

The details for the Siemens PACS:

Hostname: PACS-SDM
 FQDN: pacs-sdm.rispacs.siemens
 AET: PACSSDM
 PORT: 2002
 IP Address: 147.212.128.97

When you are ready to attempt a Q/R of images I would recommend that we arrange a mutual time for this so that I can check the Siemens PACS logs in real-time and we can troubleshoot any issues.

Primary culprit for DICOM communication blocks - ? Has the Medical Imaging Firewall configured to allow the EI to query/ PACS to return the images to EI?

Regards,

Chris

Chris Pearce | PACS Administrator
 Direct Phone: 02 61747961 | Direct Email: Christopher.Pearce@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: Barrett, Scott (Health)
Sent: Monday, 8 January 2018 2:33 PM
To: Alam, Azwer (Health) <Azwer.Alam@act.gov.au>; Pearce, Christopher (Health) <Christopher.Pearce@act.gov.au>
Cc: [REDACTED] (Health) <[REDACTED]> [REDACTED] (Health) <[REDACTED]@act.gov.au>; Crossley, Nick <Nick.Crossley@act.gov.au>
Subject: FW: [AUS - ACT] RIS PACS Extract [SEC=UNCLASSIFIED]

Gents,

Please can you assist [REDACTED] with the below request.

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

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

From: [REDACTED] (Health)

Sent: Monday, 8 January 2018 2:30 PM

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

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

Subject: FW: [AUS - ACT] RIS PACS Extract [SEC=UNCLASSIFIED]

Scott,

Does your team have the information on setting up connections to the Siemens DICOM image store as mentioned below by Kevin from Agfa? My understanding is that the Agfa connection points need to be defined in Siemens and the Siemens equivalent provided to Agfa, but my level of knowledge here is precisely zero so will take your advice on whether this needs to go to Siemens for resolution.

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

Phone: 02 6174 8768 | Mobile: [REDACTED] | Email: [\[REDACTED\]@act.gov.au](mailto:[REDACTED]@act.gov.au)

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:\[REDACTED\]](mailto:[REDACTED]))

Sent: Wednesday, 20 December 2017 5:41 PM

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

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

Subject: [AUS - ACT] RIS PACS Extract [SEC=UNCLASSIFIED]

Hi [REDACTED]

The HL7 data has been migrated for the provided period.

For the DICOM migration I have only executed the validation of the files. I don't think I have received the actual DICOM connection information for the Siemens PACS to direct my C-MOVE migration requests to.

To be sure, I'll add the AMT and EI DICOM details again so that they can also be checked/created in Siemens:

AMT

- AE Title: AMT
- IP Address: 10.69.32.20
- Port: 104

EI

- AE Title: EIDEV_PRIORS
- IP Address: eidc1devcs.act.gov.au (10.24.2.66)

- Port: 104

The 46 reports that didn't pass validation failed, because they are linked to the 46 StudyUIDs in req proc that failed to validate. These failed because of the duplicate StudyUID.

Kind Regards,

[Redacted]

Holiday alerts:

- 18/12/2017 until 21/12/2017 only 50% available
- 22/12/2017 until 29/12/2017 not available

[Redacted] NV, [Redacted]
<http://www.agfahealthcare.com>
<http://blog.agfahealthcare.com>

R.O.: Septestraat 27, B-2640 Mortsel, Belgium | RLE Antwerp | VAT BE 0403.003.524 | IBAN Operational Account BE81363012356224 | IBAN Customer Account BE20375104592856 | ING Belgium NV, B-1000 Brussels
 Click on link to read important disclaimer: <http://www.agfahealthcare.com/maildisclaimer>

[Redacted] "Crossley, Nick"
 <Nick.Crossley@act.gov.au>, [Redacted] (Health) <[Redacted]@act.gov.au>
 Date: 20/12/2017 01:24
 Subject: RE: [AUS - ACT] RIS PACS Extract [SEC=UNCLASSIFIED]

Hi [Redacted]

Thanks for the feedback.

Just a quick confirmation, has HL7 and DICOM been migrated to Dev EI. We see numbers for the RIS data (Patients, Orders and Reports), but not for Studies..

Report: 46 linked to a failed reference in Req Proc. Are these report records missing a reference in requested procedure because the requested procedure records with non-unique StudyUIDs have been excluded from the load??

Thanks,

[Redacted]

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

From: [Redacted] (Health)
Sent: Wednesday, 20 December 2017 11:16 AM
To: [Redacted] <[Redacted]@act.gov.au>
Cc: [Redacted] <[Redacted]@act.gov.au>; [Redacted] <[Redacted]@act.gov.au>
 Crossley, Nick <Nick.Crossley@act.gov.au>; [Redacted] (Health) <[Redacted]@act.gov.au>

Subject: RE: [AUS - ACT] RIS PACS Extract [SEC=UNCLASSIFIED]

Thanks [REDACTED]

That looks like a pretty good outcome. If [REDACTED] needs any additional information on specific records we'll come back to you.

[REDACTED]

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

Sent: Tuesday, 19 December 2017 8:23 PM

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

Subject: [AUS - ACT] RIS PACS Extract [SEC=UNCLASSIFIED]

Hi All,

I have imported the received extracts into our tools, a summary below.

HL7

Validation results:

- Physician: No file, so I created a dummy physician
- Patients: All good
- Service Request: All good
- Requested Proc: 46 StudyUID not unique (known issue)
- Report: 46 linked to a failed reference in Req Proc
- Attachments: No file provided

Migration to EI:

The data that was validated has now been migrated to the DEV EI cluster. These are the totals of the migrated data, no migration or validation errors have been detected.

- Patients: 4593
- Orders: 8280
- Reports: 8190

DICOM

This was the first test to import the DICOM format. All 3 flat files have the correct format and

have been imported correctly into the AMT database.

Validation:

(No crosschecks with the HL7 data have been made yet)

- Accession Number checks: 166 duplicate accession numbers detected
- Patient ID checks: No problems detected
- StudyUID checks: No problems detected

No checks on patient names have been executed, because the data is anonymized

Kind Regards,

[REDACTED]
[REDACTED]
T [REDACTED]

Holiday alerts:

- 18/12/2017 until 21/12/2017 only 50% available
- 22/12/2017 until 29/12/2017 not available

[REDACTED] NV, [REDACTED]
<http://www.agfahealthcare.com>
<http://blog.agfahealthcare.com>

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| IBAN Operational Account BE81363012356224 | IBAN Customer Account
BE20375104592856 | ING Belgium NV, B-1000 Brussels
Click on link to read important disclaimer:
<http://www.agfahealthcare.com/maildisclaimer>

[REDACTED]
[REDACTED]
[REDACTED]
[REDACTED] "Crossley, Nick"

<Nick.Crossley@act.gov.au>

Date: 19/12/2017 07:00

Subject: RIS PACS Extract [SEC=UNCLASSIFIED]

Hi [REDACTED]

Below are the details for the extract handed over:

Service Request, Requested Procedure, and Report: The extract contains data for a 20 day period from the 01/Jan/2013 to 20/Jan/2013

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. RIS has multiple accession numbers with the same study, but PACS has the study associated to one of the accession numbers only. Need to discuss this further with AGFA to find a resolution for the StudyUIDs to be unique in the RequestedProcedures file.

Some procedures are missing a StudyUID but have an associated report, questions will be raised with Siemens to clarify its validity. (62 records)

Some procedures with valid StudyUIDs have no associated reports, this will be confirmed with Siemens too. (4 records)

Some studies in RIS have no corresponding records in PACS, this will be discussed with Siemens. (119 records)

Blank study and series descriptions have been defaulted to 'Unknown'

There were some records with a blank series_number, this will be raised with Siemens, but for now they have been defaulted to 0.

Thanks,

[REDACTED]

[REDACTED]
Mobile : [REDACTED] | Email: [REDACTED]@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] <[REDACTED]>
Sent: Friday, 19 January 2018 10:57 PM
To: [REDACTED]
Cc: Pearce, Christopher (Health); Arsavilli, Dev; [REDACTED] (Health); [REDACTED]
 Crossley, Nick; Barrett, Scott (Health); [REDACTED] (Health)
Subject: RE: [AUS - ACT] RIS PACS Extract [SEC=UNCLASSIFIED]

Hi,

Ok, good for me.
 I'll set this up on monday

Kind Regards,

[REDACTED]
 [REDACTED]

[REDACTED] NV, [REDACTED]
<http://www.agfahealthcare.com>
<http://blog.agfahealthcare.com>

R.O.: Septestraat 27, B-2640 Mortsel, Belgium | RLE Antwerp | VAT BE 0403.003.524 | IBAN Operational Account BE81363012356224 |
 IBAN Customer Account BE20375104592856 | ING Belgium NV, B-1000 Brussels
 Click on link to read important disclaimer: <http://www.agfahealthcare.com/maildisclaimer>

[REDACTED]
 [REDACTED]
 Cc: "Pearce, Christopher (Health)" <Christopher.Pearce@act.gov.au>, "Arsavilli, Dev" <Dev.Arsavilli@act.gov.au>, [REDACTED]
 [REDACTED] "Crossley, Nick" <Nick.Crossley@act.gov.au>, "Barrett, Scott (Health)"
 <Scott.Barrett@act.gov.au>, [REDACTED] (Health)" <[REDACTED]> AGFASMTP
 Date: 19/01/2018 05:38
 Subject: RE: [AUS - ACT] RIS PACS Extract [SEC=UNCLASSIFIED]

[REDACTED]

Can you please schedule image transfer for the remainder of the DICOM images between **5:30 and 8:00 am our time beginning next Tuesday 23 Jan.** At this stage we need to operate in this window and ensure the task is stopped by 08:00.

Also as per earlier email from [REDACTED] ACTH has confirmed that the only Patient "Assigning Authority"/IssuerOfPatientID that they will be sending using is a value of PAS, which can be configured as a hard coded value for the image migration to handle any instances when another value is used.

Kind Regards,

[REDACTED]
 [REDACTED]
 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.agfahealthcare.com>

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

From: [REDACTED] (Health) <[REDACTED]>
 To: [REDACTED]
 Cc: "Pearce, Christopher (Health)" <Christopher.Pearce@act.gov.au>, "Arsavilli, Dev" <Dev.Arsavilli@act.gov.au>, [REDACTED] (Health)" <[REDACTED]@act.gov.au>, Nick [REDACTED] "Crossley, Nick" <Nick.Crossley@act.gov.au>, "Barrett, Scott (Health)" <Scott.Barrett@act.gov.au>
 Date: 19/01/2018 15:10
 Subject: RE: [AUS - ACT] RIS PACS Extract [SEC=UNCLASSIFIED]

[REDACTED]

Scott has requested that we do not start earlier at this time, for operational reasons. He has provided an explanation below.

Regards

[REDACTED]

[REDACTED] | IDIS Delivery Manager - UCPH Digital Solutions Program
 Phone: 02 6174 8768 | Mobile: [REDACTED] | Email: [REDACTED]@act.gov.au
 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: Friday, 19 January 2018 9:58 AM
 To: [REDACTED] (Health) <[REDACTED]>
 Cc: Pearce, Christopher (Health) <Christopher.Pearce@act.gov.au>; Arsavilli, Dev <Dev.Arsavilli@act.gov.au>; [REDACTED] (Health) <[REDACTED]@act.gov.au>; [REDACTED] <[REDACTED]> Crossley, Nick <Nick.Crossley@act.gov.au>; Barrett, Scott (Health) <Scott.Barrett@act.gov.au>
 Subject: RE: [AUS - ACT] RIS PACS Extract [SEC=UNCLASSIFIED]

Hi [REDACTED]

As we discussed yesterday, is it possible to schedule the transfer start time earlier than 05:30? We can make sure activity stops at 08:00.

Kind Regards,

[REDACTED]
 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.agfahealthcare.com>

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

From: [REDACTED] (Health) <[REDACTED]>
 To: "Barrett, Scott (Health)" <Scott.Barrett@act.gov.au>
 [REDACTED] "Crossley, Nick" <Nick.Crossley@act.gov.au>, "Pearce, Christopher (Health)" <Christopher.Pearce@act.gov.au>, [REDACTED] "Arsavilli, Dev" <Dev.Arsavilli@act.gov.au>
 Date: 19/01/2018 09:48
 Subject: RE: [AUS - ACT] RIS PACS Extract [SEC=UNCLASSIFIED]

Great thanks.

[REDACTED] E, can you work with [REDACTED] to schedule image transfer between 5:30 and 8:00 am our time beginning next Tuesday

23 Jan. If required, he can continue on Wednesday at the same time.

Hopefully that will be sufficient for this initial test, but we can look at extending it if needed.

We can look to plan image load and performance testing for the 20% extract once this test has been evaluated.

Regards

██████████ | IDIS Delivery Manager - UCPH Digital Solutions Program
 Phone: 02 6174 8768 | Mobile: ██████████ | Email: ██████████
 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: Barrett, Scott (Health)

Sent: Friday, 19 January 2018 9:37 AM

To: ██████████ (Health) <██████████>

Cc: ██████████ <██████████> (Health) <██████████@act.gov.au>; Crossley, Nick <Nick.Crossley@act.gov.au>; Pearce, Christopher (Health) <Christopher.Pearce@act.gov.au>; ██████████ <██████████> Arsavilli, Dev <Dev.Arsavilli@act.gov.au>

Subject: RE: [AUS - ACT] RIS PACS Extract [SEC=UNCLASSIFIED]

Hi ██████████

Tuesday between 5:30 and 8 is no problems.

I'd be reluctant to start any earlier than that as there will be overnight IP cases taking place and PACS will be being frequently accessed by the Radiologists and Radiographers. We normally try to perform maintenance between 5am and 8am because that time has proven to be the quietest for the department historically.

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: ██████████ (Health)

Sent: Friday, 19 January 2018 9:01 AM

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

Cc: ██████████ <██████████> (Health) <██████████@act.gov.au>; Crossley, Nick <Nick.Crossley@act.gov.au>; Pearce, Christopher (Health) <Christopher.Pearce@act.gov.au>; ██████████ <██████████> Arsavilli, Dev <Dev.Arsavilli@act.gov.au>

Subject: RE: [AUS - ACT] RIS PACS Extract [SEC=UNCLASSIFIED]

Scott,

We would like to do the next stage of testing of image transfer in Dev as early as possible next week. Do you see any issues in scheduling it for early Tuesday morning our time? Agfa can set it up to finish by 8:00 am. If it is possible to start earlier than 5:30 please let us know.

Thanks

██████████ | IDIS Delivery Manager - UCPH Digital Solutions Program
 Phone: 02 6174 8768 | Mobile: ██████████ | Email: ██████████@act.gov.au
 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: Barrett, Scott (Health)

Sent: Tuesday, 9 January 2018 2:07 PM

To: [REDACTED] (Health) <[REDACTED]>
Cc: [REDACTED] <[REDACTED]> (Health) <[REDACTED]@act.gov.au>; Crossley, Nick <Nick.Crossley@act.gov.au>; Pearce, Christopher (Health) <Christopher.Pearce@act.gov.au>
Subject: RE: [AUS - ACT] RIS PACS Extract [SEC=UNCLASSIFIED]

Hi [REDACTED]

Generally the best time to do this type of texting would be any day between 5:30am and 8:00am. This is the time the department generally quiet and it's the window we use for any planned maintenance/downtime.

We can put out some coms to let people know there may be some slowness.

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: [REDACTED] (Health)
Sent: Tuesday, 9 January 2018 11:36 AM
To: [REDACTED]
Cc: [REDACTED] (Health) <[REDACTED]@act.gov.au>; Barrett, Scott (Health) <Scott.Barrett@act.gov.au>; Crossley, Nick <Nick.Crossley@act.gov.au>; Pearce, Christopher (Health) <Christopher.Pearce@act.gov.au>
Subject: FW: [AUS - ACT] RIS PACS Extract [SEC=UNCLASSIFIED]

[REDACTED],
 The Siemens system should be configured ready to test Image transfer. Are you able to check that it's visible to EI without actually impacting the Prod system (e.g. just via a ping or similar)?

Scott, can we identify the best time to do some test image retrieves to ensure that we don't adversely affect current Prod? The first test should probably just be to check that we can successfully retrieve and load images for a few of the patients already loaded; more formal timing tests would need to wait until we have our next load of a larger set of data from Siemens.

Nick C, we discussed just before shutdown the need to submit a request for approval to have prod images loaded into Dev. I'm still thinking we do need it.

[REDACTED]
 [REDACTED] | IDIS Delivery Manager - UCPH Digital Solutions Program
 Phone: 02 6174 8768 | Mobile: [REDACTED] | Email: [REDACTED]@act.gov.au
 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: Pearce, Christopher (Health)
Sent: Tuesday, 9 January 2018 11:16 AM
To: [REDACTED] (Health) <[REDACTED]>
Subject: RE: [AUS - ACT] RIS PACS Extract [SEC=UNCLASSIFIED]

Hi [REDACTED]

The Agfa AMT is setup on the Siemens PACS.

Chris

Chris Pearce | PACS Administrator
 Direct Phone: 02 61747961 | Direct Email: Christopher.Pearce@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: [REDACTED] (Health)
Sent: Tuesday, 9 January 2018 10:43 AM
To: Pearce, Christopher (Health) <Christopher.Pearce@act.gov.au>
Subject: RE: [AUS - ACT] RIS PACS Extract [SEC=UNCLASSIFIED]

Great, thanks.

[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: Pearce, Christopher (Health)
Sent: Tuesday, 9 January 2018 10:41 AM
To: [REDACTED] (Health) <[REDACTED]>
Subject: RE: [AUS - ACT] RIS PACS Extract [SEC=UNCLASSIFIED]

Hi [REDACTED]

OK.

The IP Address & FQDN [REDACTED] has indicated for the AMT appears to be correct:

```
Name:      eimigration01.act.gov.au
Address:   10.24.2.38
```

Chris

Chris Pearce | PACS Administratr
 Direct Phone: 02 61747961 | Direct Email: Christopher.Pearce@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: [REDACTED] (Health)
Sent: Tuesday, 9 January 2018 10:36 AM
To: Pearce, Christopher (Health) <Christopher.Pearce@act.gov.au>
Subject: FW: [AUS - ACT] RIS PACS Extract [SEC=UNCLASSIFIED]

Chris,

Apparently the AMT does need to be set up. See below for the detail – note that [REDACTED] [REDACTED] from Agfa is seeking final confirmation of the IP address, but all the remainder should be fine.

[REDACTED] | IDIS Delivery Manager - UCPH Digital Solutions Program
 Phone: 02 6174 8768 | Mobile: [REDACTED] | Email: [REDACTED]@act.gov.au
 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:\[REDACTED\]](mailto:[REDACTED]))
Sent: Tuesday, 9 January 2018 10:07 AM
To: [REDACTED] <[REDACTED]>
Cc: [REDACTED] <[REDACTED]> (Health) <[REDACTED]@act.gov.au>; Crossley, Nick
 <Nick.Crossley@act.gov.au>
Subject: Re: FW: [AUS - ACT] RIS PACS Extract [SEC=UNCLASSIFIED]

Hi [REDACTED]

Both devices need to be added to Siemens PACS.

I have copied the AMT servers details from [REDACTED] email below and have also included the hostname/FQDN. The IP

address he provided appears to be incorrect. [REDACTED] is the IP address/host I have provided below the correct server?

AMT

- AE Title: AMT
- IP Address: eimigration01.act.gov.au (10.24.2.38)
- Port: 104
-

Kind Regards,

[REDACTED]
T +61 3 9756 4645 | F +61 7 3356 6683 | [REDACTED]

<http://www.agfahealthcare.com>

<http://blog.agfahealthcare.com>

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

[REDACTED]
Date: 09/01/2018 07:15 AM

Subject: FW: [AUS - ACT] RIS PACS Extract [SEC=UNCLASSIFIED]

[REDACTED]

I note that Chris hasn't copied this to you, though you are probably aware of the detail since Chris has spoken with you. Can you work with [REDACTED] to get things set up ready for a test of the image transfer and then we will look to schedule with Chris.

Thanks

[REDACTED]

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

Phone: 02 6174 8768 | Mobile: [REDACTED] | Email: [REDACTED]@act.gov.au

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: Pearce, Christopher (Health)

Sent: Monday, 8 January 2018 4:41 PM

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

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

Subject: RE: [AUS - ACT] RIS PACS Extract [SEC=UNCLASSIFIED]

Hi [REDACTED]

I have spoken to [REDACTED] & [REDACTED] to clarify what the AMT device is below.

[REDACTED] has said only the EI needs to be setup in the Siemens PACS.

I have setup the EI in the Siemens PACS as per below details to allow Q/R to be performed.

Let me know if the AMT also needs to be setup after all – I will need to be supplied with the AMT hostname/FQDN for this.

The details for the Siemens PACS:

Hostname: PACS-SDM
 FQDN: pacs-sdm.rispacs.siemens
 AET: PACSSDM
 PORT: 2002
 IP Address: 147.212.128.97

When you are ready to attempt a Q/R of images I would recommend that we arrange a mutual time for this so that I can check the Siemens PACS logs in real-time and we can troubleshoot any issues.

Primary culprit for DICOM communication blocks - ? Has the Medical Imaging Firewall configured to allow the EI to query/ PACS to return the images to EI?

Regards,

Chris

Chris Pearce | PACS Administrator

Direct Phone: 02 61747961 | Direct Email: Christopher.Pearce@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: Barrett, Scott (Health)

Sent: Monday, 8 January 2018 2:33 PM

To: Alam, Azwer (Health) <Azwer.Alam@act.gov.au>; Pearce, Christopher (Health) <Christopher.Pearce@act.gov.au>

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

Subject: FW: [AUS - ACT] RIS PACS Extract [SEC=UNCLASSIFIED]

Gents,

Please can you assist [REDACTED] with the below request.

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: [REDACTED] (Health)

Sent: Monday, 8 January 2018 2:30 PM

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

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

Subject: FW: [AUS - ACT] RIS PACS Extract [SEC=UNCLASSIFIED]

Scott,

Does your team have the information on setting up connections to the Siemens DICOM image store as mentioned below by [REDACTED] from Agfa? My understanding is that the Agfa connection points need to be defined in Siemens and the Siemens equivalent provided to Agfa, but my level of knowledge here is precisely zero so will take your advice on whether this needs to go to Siemens for resolution.

[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, 20 December 2017 5:41 PM
 To: [REDACTED] (Health) <[REDACTED]@act.gov.au>
 Cc: [REDACTED] <[REDACTED]@act.gov.au>; [REDACTED] (Health) <[REDACTED]@act.gov.au>; [REDACTED] Crossley, Nick <Nick.Crossley@act.gov.au>; [REDACTED] (Health) <[REDACTED]@act.gov.au>; [REDACTED] (Health) <[REDACTED]@act.gov.au>
 Subject: [AUS - ACT] RIS PACS Extract [SEC=UNCLASSIFIED]

Hi [REDACTED]

The HL7 data has been migrated for the provided period.

For the DICOM migration I have only executed the validation of the files. I don't think I have received the actual DICOM connection information for the Siemens PACS to direct my C-MOVE migration requests to.

To be sure, I'll add the AMT and EI DICOM details again so that they can also be checked/created in Siemens:

AMT

- AE Title: AMT
- IP Address: 10.69.32.20
- Port: 104

EI

- AE Title: EIDEV_PRIORS
- IP Address: eidc1devcs.act.gov.au (10.24.2.66)
- Port: 104

The 46 reports that didn't pass validation failed, because they are linked to the 46 StudyUIDs in req proc that failed to validate. These failed because of the duplicate StudyUID.

Kind Regards,

[REDACTED]
 [REDACTED]
 T [REDACTED]

Holiday alerts:

- 18/12/2017 until 21/12/2017 only 50% available
- 22/12/2017 until 29/12/2017 not available

[REDACTED] NV, [REDACTED]
<http://www.agfahealthcare.com>
<http://blog.agfahealthcare.com>

R.O.: Septestraat 27, B-2640 Mortsel, Belgium | RLE Antwerp | VAT BE 0403.003.524 | IBAN Operational Account BE81363012356224 | IBAN Customer Account BE20375104592856 | ING Belgium NV, B-1000 Brussels
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[REDACTED] "Crossley, Nick"
 <Nick.Crossley@act.gov.au>
 Date: 20/12/2017 01:24
 Subject: RE: [AUS - ACT] RIS PACS Extract [SEC=UNCLASSIFIED]

Hi [REDACTED]

Thanks for the feedback.

Just a quick confirmation, has HL7 and DICOM been migrated to Dev EI. We see numbers for the RIS data (Patients, Orders and Reports), but not for Studies..

Report: 46 linked to a failed reference in Req Proc. Are these report records missing a reference in requested procedure because the requested procedure records with non-unique StudyUIDs have been excluded from the load??

Thanks,

[REDACTED]

[REDACTED]

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

From: [REDACTED] (Health)

Sent: Wednesday, 20 December 2017 11:16 AM

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

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

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

<[REDACTED]@act.gov.au>

Subject: RE: [AUS - ACT] RIS PACS Extract [SEC=UNCLASSIFIED]

Thanks [REDACTED]

That looks like a pretty good outcome. If [REDACTED] needs any additional information on specific records we'll come back to you.

[REDACTED]ony

[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, 19 December 2017 8:23 PM

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

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

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

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

<[REDACTED]>

Subject: [AUS - ACT] RIS PACS Extract [SEC=UNCLASSIFIED]

Hi All,

I have imported the received extracts into our tools, a summary below.

HL7

Validation results:

- Physician: No file, so I created a dummy physician
- Patients: All good
- Service Request: All good
- Requested Proc: 46 StudyUID not unique (known issue)
- Report: 46 linked to a failed reference in Req Proc
- Attachments: No file provided

Migration to EI:

The data that was validated has now been migrated to the DEV EI cluster.

These are the totals of the migrated data, no migration or validation errors have been detected.

- Patients: 4593
- Orders: 8280
- Reports: 8190

DICOM

This was the first test to import the DICOM format. All 3 flat files have the correct format and have been imported correctly into the AMT database.

Validation:

(No crosschecks with the HL7 data have been made yet)

- Accession Number checks: 166 duplicate accession numbers detected
- Patient ID checks: No problems detected
- StudyUID checks: No problems detected

No checks on patient names have been executed, because the data is anonymized

Kind Regards,

[REDACTED]
[REDACTED]
T [REDACTED]

Holiday alerts:

- 18/12/2017 until 21/12/2017 only 50% available
- 22/12/2017 until 29/12/2017 not available

[REDACTED] NV, [REDACTED]
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[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED] "Crossley, Nick"

<Nick.Crossley@act.gov.au>

Date: 19/12/2017 07:00

Subject: RIS PACS Extract [SEC=UNCLASSIFIED]

Hi [REDACTED]

Below are the details for the extract handed over:

Service Request, Requested Procedure, and Report: The extract contains data for a 20 day period from the 01/Jan/2013 to 20/Jan/2013

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. RIS has multiple accession numbers with the same study, but PACS has the study associated to one of the accession numbers only. Need to discuss this further with AGFA to find a resolution for the StudyUIDs to be unique in the RequestedProcedures file.

Some procedures are missing a StudyUID but have an associated report, questions will be raised with Siemens to clarify its validity. (62 records)

Some procedures with valid StudyUIDs have no associated reports, this will be confirmed with Siemens too. (4 records)

Some studies in RIS have no corresponding records in PACS, this will be discussed with Siemens. (119 records)

Blank study and series descriptions have been defaulted to 'Unknown'

There were some records with a blank series_number, this will be raised with Siemens, but for now they have been defaulted to 0.

Thanks,

[Redacted]

[Redacted]

Mobile : [Redacted] Email: [Redacted] [act.gov.au](mailto:[Redacted]@act.gov.au)

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Heland, Rebecca (Health)

From: [REDACTED] <[REDACTED]>
Sent: Friday, 19 January 2018 9:58 AM
To: [REDACTED] (Health)
Cc: Pearce, Christopher (Health); Arsavilli, Dev; [REDACTED] (Health); [REDACTED]
 Crossley, [REDACTED] Barrett, Scott (Health)
Subject: RE: [AUS - ACT] RIS PACS Extract [SEC=UNCLASSIFIED]

Hi [REDACTED]

As we discussed yesterday, is it possible to schedule the transfer start time earlier than 05:30? We can make sure activity stops at 08:00.

Kind Regards,

[REDACTED]
 [REDACTED]
 +61 3 9756 4308 | F +61 2 9647 2742 | M [REDACTED]

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

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

To: "Barrett, Scott (Health)" <Scott.Barrett@act.gov.au>
 [REDACTED] "Crossley, Nick" <Nick.Crossley@act.gov.au>, "Pearce, Christopher (Health)" <Christopher.Pearce@act.gov.au>, [REDACTED] "Arsavilli, Dev" <Dev.Arsavilli@act.gov.au>
 Date: 19/01/2018 09:48
 Subject: RE: [AUS - ACT] RIS PACS Extract [SEC=UNCLASSIFIED]

Great thanks.

[REDACTED], can you work with [REDACTED] to schedule image transfer between 5:30 and 8:00 am our time beginning next Tuesday 23 Jan. If required, he can continue on Wednesday at the same time.

Hopefully that will be sufficient for this initial test, but we can look at extending it if needed.

We can look to plan image load and performance testing for the 20% extract once this test has been evaluated.

Regards

[REDACTED] | IDIS Delivery Manager - UCPH Digital Solutions Program
 Phone: 02 6174 8768 | Mobile: [REDACTED] | Email: [REDACTED]
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From: Barrett, Scott (Health)
Sent: Friday, 19 January 2018 9:37 AM
To: [REDACTED] (Health) <[REDACTED]>
Cc: [REDACTED] <[REDACTED]> (Health) <[REDACTED]@act.gov.au>; Crossley, Nick <Nick.Crossley@act.gov.au>; Pearce, Christopher (Health) <Christopher.Pearce@act.gov.au>; [REDACTED] <[REDACTED]> Arsavilli, Dev <Dev.Arsavilli@act.gov.au>

Subject: RE: [AUS - ACT] RIS PACS Extract [SEC=UNCLASSIFIED]

Hi [REDACTED]

Tuesday between 5:30 and 8 is no problems.

I'd be reluctant to start any earlier than that as there will be overnight IP cases taking place and PACS will be being frequently accessed by the Radiologists and Radiographers. We normally try to perform maintenance between 5am and 8am because that time has proven to be the quietest for the department historically.

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

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From: [REDACTED] (Health)

Sent: Friday, 19 January 2018 9:01 AM

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

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

Subject: RE: [AUS - ACT] RIS PACS Extract [SEC=UNCLASSIFIED]

Scott,

We would like to do the next stage of testing of image transfer in Dev as early as possible next week. Do you see any issues in scheduling it for early Tuesday morning our time? Agfa can set it up to finish by 8:00 am. If it is possible to start earlier than 5:30 please let us know.

Thanks

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

Phone: 02 6174 8768 | Mobile: [REDACTED] | Email: [REDACTED]

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From: Barrett, Scott (Health)

Sent: Tuesday, 9 January 2018 2:07 PM

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

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

Subject: RE: [AUS - ACT] RIS PACS Extract [SEC=UNCLASSIFIED]

Hi [REDACTED]

Generally the best time to do this type of texting would be any day between 5:30am and 8:00am. This is the time the department generally quiet and it's the window we use for any planned maintenance/downtime.

We can put out some coms to let people know there may be some slowness.

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
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From: [REDACTED] (Health)
Sent: Tuesday, 9 January 2018 11:36 AM
To: [REDACTED] <[REDACTED]>
 [REDACTED] Barrett, Scott (Health)
 <Scott.Barrett@act.gov.au>; Crossley, [REDACTED] <[REDACTED]@act.gov.au>; Pearce, Christopher (Health)
 <Christopher.Pearce@act.gov.au>
Subject: FW: [AUS - ACT] RIS PACS Extract [SEC=UNCLASSIFIED]

[REDACTED]

The Siemens system should be configured ready to test Image transfer. Are you able to check that it's visible to EI without actually impacting the Prod system (e.g. just via a ping or similar)?

Scott, can we identify the best time to do some test image retrieves to ensure that we don't adversely affect current Prod? The first test should probably just be to check that we can successfully retrieve and load images for a few of the patients already loaded; more formal timing tests would need to wait until we have our next load of a larger set of data from Siemens.

Nick C, we discussed just before shutdown the need to submit a request for approval to have prod images loaded into Dev. I'm still thinking we do need it.

[REDACTED]

[REDACTED]

Phone: 02 6174 8768 | Mobile: [REDACTED] | Email: [\[REDACTED\]@act.gov.au](mailto:[REDACTED]@act.gov.au)
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 Level 10, Building 1, TCH, Garran ACT | PO Box 11, Woden ACT 2606 | www.act.gov.au

From: Pearce, Christopher (Health)
Sent: Tuesday, 9 January 2018 11:16 AM
To: [REDACTED] (Health) <[REDACTED]>
Subject: RE: [AUS - ACT] RIS PACS Extract [SEC=UNCLASSIFIED]

Hi [REDACTED]

The Agfa AMT is setup on the Siemens PACS.

Chris

Chris Pearce | PACS Administrator
 Direct Phone: 02 61747961 | Direct Email: Christopher.Pearce@act.gov.au
 Diagnostic Imaging Systems | Diagnostic & Medication Systems Hub | Phone: 02 6174 8750 | Email: DSD.DIS@act.gov.au
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From: [REDACTED] (Health)
Sent: Tuesday, 9 January 2018 10:43 AM
To: Pearce, Christopher (Health) <Christopher.Pearce@act.gov.au>
Subject: RE: [AUS - ACT] RIS PACS Extract [SEC=UNCLASSIFIED]

Great, thanks.

[REDACTED] | IDIS Delivery Manager - UCPH Digital Solutions Program
 Phone: 02 6174 8768 | Mobile: [REDACTED] | Email: [REDACTED]
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From: Pearce, Christopher (Health)