

The Scheduling part is handled by my colleague [REDACTED] (in CC).

I have a day of today and will have a close look on Monday.

- But indeed, with a list of new PIDs the DICOM migration can update these DICOM headers. That would solve the problem and was tested before, so that is OK. The sheet with Study UIDs and active Patient IDs (StudyUID_PatientID.xls) was provided for DICOM header update with the small sample extract provided for merge testing. Was this update implemented for this round of testing?
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Kind Regards,

[REDACTED]
T [REDACTED]

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→ Holiday alert: July 27th – August 15th

[REDACTED] NV, [REDACTED]
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From: [REDACTED] (Health) [mailto:[REDACTED]@act.gov.au]
Sent: Friday 6 July 2018 4:23
To: [REDACTED] <[REDACTED]>
Cc: Arsavilli, Dev <Dev.Arsavilli@act.gov.au>; [REDACTED] (Health) <[REDACTED]>; [REDACTED] (Health) <[REDACTED]>; [REDACTED] Mandapati, Sirisha (Health) <Sirisha.Mandapati@act.gov.au>; Divvela, Venkat (Health) <Venkat.Divvela@act.gov.au>
Subject: RE: [AUS - ACT] Data extract for Patient Merge test [SEC=UNCLASSIFIED]

Hi [REDACTED]
Thanks for the status update.

We have verified the data in EI and Scheduling and found the following issues:

EI – All merges have successfully gone through in EI, except for the 8 studies mentioned in [REDACTED] email below. [REDACTED] these studies are the studies that needed a DICOM update while migration.

For example:

Accession number [REDACTED], has a study associated to merged MRN [REDACTED] in the Siemens PACS, but current active MRN for the patient is [REDACTED]. This merge for some reason has failed to be implemented on

Siemen's RIS and PACS and the orders and images in RIS and PACS still associate to the merged MRN. (This is not just a case in test, will also be the case when migrating to prod)

We have had this discussion before and the solution was for me to provide transformed data associating the studies to the right MRN in the extracts and for you to associate the images to the right MRN using DICOM update while image migration.

Now, in this situation where the active MRN is merged once again to a different MRN through a live ADT message, the complexity is for you to identify the new active MRN for [REDACTED] to update the DICOM image to the right Patient ID.

Let me know if there is a way of handling this in EI. Happy to discuss this over the phone if needed.

Scheduling:

For the patient merges that were initiated before the patient data loaded into Scheduling, it seems like the merge message has not been actioned by scheduling as expected:

A search in scheduling for the merged MRN does not come up with any patient details (expected result is to see patient details with new active MRN).

But for patient merges initiated after the patient data loaded into Scheduling, the results are as expected (a search on the merged MRN, comes up with details with the new MRN)

Scheduling: No RIS data (procedure history) for any of the patients migrated in this batch.

Could you please look into the above?

Thanks,

[REDACTED]

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

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

Sent: Thursday, 5 July 2018 8:04 PM

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

Cc: Arsavilli, Dev <Dev.Arsavilli@act.gov.au>; [REDACTED] (Health) <[REDACTED]>; [REDACTED] Mandapati, Sirisha (Health) <Sirisha.Mandapati@act.gov.au>; [REDACTED]

<[REDACTED]>

Subject: [AUS - ACT] Data extract for Patient Merge test [SEC=UNCLASSIFIED]

Hi All,

I have now completed the following steps:

- Sending of the remaining HL7 data towards EI
- Sending the DICOM data towards EI

Overall status of the executed tasks today:

- 3 ADT messages have not been send, because the patient was already present in EI ([REDACTED])
- All ORM/ORU messages have been send and validated
- All 50 DICOM studies have been send to EI, 8 studies have a validation error (see below)

HL7 migration + patient merge

I did a quick check on a random patient that was merged and the new patient seems to be showing up on the order. So that seems to work.

DICOM migration + patient merge

This is a bit unexpected to me, but if you merge patients, it doesn't seem to be happening in the Siemens PACS. Is that correct ? or only the case during testing ? Because, this will result in 2 lines in EI. The matching logic on DICOM will create a 'temp order' that needs to be manually fixed.

For example, if you search for accession number [redacted] in EI you will see this system. (If the PACS would have send with the new PID, this would be 1 line)

These are the affected StudyUIDs:

[redacted]

Kind Regards,

[redacted]

- Not available: 6th July
- Holiday alert: July 27th – August 15th

[redacted] NV, [redacted]
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From: Divvela, Venkat (Health) [mailto:Venkat.Divvela@act.gov.au]
Sent: Thursday 5 July 2018 10:19
To: [redacted] (Health) <[redacted]@act.gov.au>; [redacted] <[redacted]>
Cc: Arsavilli, Dev <Dev.Arsavilli@act.gov.au>; [redacted] (Health) <[redacted]>
<[redacted] Mandapati, Sirisha (Health) <Sirisha.Mandapati@act.gov.au>
Subject: RE: [AUS - ACT] Data extract for Patient Merge test [SEC=UNCLASSIFIED]

Hi [redacted]

I have completed the merges and please go ahead for the HL7 and DICOM data to be loaded. Please let us know once the loading is complete.

Thanks
Venkat

From: [redacted]
Sent: Thursday, 5 July 2018 5:10 PM
To: [redacted] <[redacted]>
Cc: Arsavilli, Dev <Dev.Arsavilli@act.gov.au>; [redacted] (Health) <[redacted]> Divvela, Venkat (Health) <Venkat.Divvela@act.gov.au>; [redacted] <[redacted]>
Subject: RE: [AUS - ACT] Data extract for Patient Merge test [SEC=UNCLASSIFIED]

Thanks [REDACTED]

I have included Venkat (our Data Migration tester) in this email.

Venkat will proceed with the patient merges now.

He will write back to you when the merges are completed, giving you a go ahead for the HL7 and DICOM data to be loaded.

Thanks,

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

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

Sent: Thursday, 5 July 2018 5:07 PM

To: [REDACTED] <[REDACTED]>

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

Subject: [AUS - ACT] Data extract for Patient Merge test [SEC=UNCLASSIFIED]

Hi All,

The patients have now been migrated to EI and Scheduling (over eidc1tstconnect:2333)

From the 14 patients:

- 11 ADT messages have actually been send
- 3 ADT messages have NOT been send, because the patient was already in EI
These are → [REDACTED]

Kind Regards,

[REDACTED]
[REDACTED]
T [REDACTED]

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jfa HealthCare NV, [REDACTED]
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From: [REDACTED]

Sent: Thursday 5 July 2018 8:45

To: [REDACTED] <[REDACTED]>

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

Subject: RE: Data extract for Patient Merge test [SEC=UNCLASSIFIED]

Hi All,

I'll start working on this now.

Will let you know as soon as the PATIENTS only have been send to EI and SCHEDULING.

Kind Regards,

[REDACTED]

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From: [REDACTED]
Sent: Thursday 5 July 2018 8:16
To: [REDACTED] <[REDACTED]>
Cc: Arsavilli, Dev <Dev.Arsavilli@act.gov.au>; [REDACTED] (Health) <[REDACTED]>
 [REDACTED] (Health) <[REDACTED]@act.gov.au>
Subject: RE: Data extract for Patient Merge test [SEC=UNCLASSIFIED]

Hi [REDACTED]

The files for this next batch have been uploaded to the following directory in the Migration server.

D:\[REDACTED]\RIS_PACS_Extract_PatientMergeTest\

Kind Regards,

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

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

From: [REDACTED] (Health) [mailto:[REDACTED]@act.gov.au]
Sent: Wednesday, 4 July 2018 5:11 PM
To: [REDACTED] <[REDACTED]>
Cc: [REDACTED] <[REDACTED]> Arsavilli, Dev <Dev.Arsavilli@act.gov.au>; [REDACTED] (Health) <[REDACTED]>
Subject: Data extract for Patient Merge test [SEC=UNCLASSIFIED]

Hi [REDACTED]

As discussed yesterday, I have prepared a test extract to retest the patient merges (Extract has been handed over to [REDACTED])

The testers will perform a few merges tomorrow (05/07), after which I will send you a confirmation to go ahead and load the patient data (patient data only) into EI and scheduling.

Once we get a confirmation from you about a successful patient load, our testers will perform a few more patient merges.

I will then send you a confirmation to continue with the HL7 and DICOM data load.

Please let me know if you have any further questions.

Thanks,

[REDACTED] | IDIS Data Migration Analyst - UCPH Digital Solutions Program
 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] (Health)
Sent: Tuesday, 10 July 2018 11:45 AM
To: [REDACTED]
Cc: Arsavilli, Dev; [REDACTED] (Health); [REDACTED] Mandapati, Sirisha (Health); Divvela, Venkat (Health); [REDACTED]
Subject: RE: [AUS - ACT] Data extract for Patient Merge test [SEC=UNCLASSIFIED]

Thanks [REDACTED]

At today's meeting (arranged for 16:30 hrs our time), I would like to discuss the following with you:

Patient merge and DICOM header update:

Could you handle this with additional manual steps at your end?

You say an exception is caused as the DICOM header details do not match the HL7 order (The DICOM header details will match the HL7 order if the check is done after the manual step of updating the header with the provided Patient ID) – Could this be handled by fixing the order in which the update and the merge are implemented?

If not could we avoid migrating these as exceptions that will need matching after migration? Our preferred approach would be to raise these as exceptions and not migrate (not end up with duplicate RIS orders) and we could then look into the failed migration set to provide details of the active patient IDs to migrate/update the DICOM header accordingly.

Thanks,

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

From: [REDACTED] [mailto:[REDACTED]]
Sent: Monday, 9 July 2018 4:37 PM
To: [REDACTED] (Health) <[REDACTED]@act.gov.au>; [REDACTED] <[REDACTED]>
Cc: Arsavilli, Dev <Dev.Arsavilli@act.gov.au>; [REDACTED] (Health) <[REDACTED]>; [REDACTED] Mandapati, Sirisha (Health) <Sirisha.Mandapati@act.gov.au>; Divvela, Venkat (Health) <Venkat.Divvela@act.gov.au>; [REDACTED] <[REDACTED]>
Subject: [AUS - ACT] Data extract for Patient Merge test [SEC=UNCLASSIFIED]

Hi [REDACTED]

- But indeed, with a list of new PIDs the DICOM migration can update these DICOM headers. That would solve the problem and was tested before, so that is OK. The sheet with Study UIDs and active Patient IDs (StudyUID_PatientID.xls) was provided for DICOM header update with the small sample extract provided for merge testing. Was this update implemented for this round of testing?

[REDACTED] This was not done during the merge test, but we know from previous tests that this works

- In any case, where the merge would be send to EI and not to the Siemens PACS and the new PID is not somewhere on the provided lists, these will result in the double lines in EI as you can see from the last test. These types of studies will be reported on the migration 'Exception list' as 'migrated, failed validation'.

If EI can identify orders and procedures to be migrated against the right PID (in scenarios where the migrated data is still referencing the merged MRN), can't we do something similar to the DICOM header update too?

Is there a way for your code to check if the PID provided in the list (StudyUID_PatientID.xls) is active, if not, can your code not find the active PID for the same? I understand that this adds to the complexity of the code needed for DICOM update, but my understanding is that the system should have all the required information needed for the DICOM header update.

Could you please analyze if this is a possible option?

█ EI only makes that link for the HL7 side, I did test this before sending out my response just to be sure. So on the DICOM side these assumptions are not made, the data needs to match the HL7 order, if it doesn't fully match, manually actions will be needed.

The migration tools have a static database, once everything is setup, no real time checks are possible. We don't seem to have situations where the merges would be executed over ADT and not forwarded to the connected PACS systems.

Kind Regards,

█
█
█

⇒ Not available: 6th July
→ Holiday alert: July 27th – August 15th

█ NV, █
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From: █ (Health) [mailto:█@act.gov.au]
Sent: Monday 9 July 2018 2:47
To: █ <█@act.gov.au>
Cc: Arsavilli, Dev <Dev.Arsavilli@act.gov.au>; █ (Health) <█@act.gov.au>; █ Mandapati, Sirisha (Health) <Sirisha.Mandapati@act.gov.au>; Divvela, Venkat (Health) <Venkat.Divvela@act.gov.au>
Subject: RE: [AUS - ACT] Data extract for Patient Merge test [SEC=UNCLASSIFIED]

Thanks █
Please see my comments below.

█
Could you please look into the issues identified in Scheduling?

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

From: █ [mailto:█@act.gov.au]
Sent: Friday, 6 July 2018 5:13 PM
To: █ (Health) <█@act.gov.au>; █ <█@act.gov.au>
Cc: Arsavilli, Dev <Dev.Arsavilli@act.gov.au>; █ (Health) <█@act.gov.au>; █ Mandapati, Sirisha (Health) <Sirisha.Mandapati@act.gov.au>; Divvela, Venkat (Health) <Venkat.Divvela@act.gov.au>; █ <█@act.gov.au>
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Thanks,

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

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

Sent: Thursday, 5 July 2018 8:04 PM

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

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

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

<[REDACTED]>

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Kind Regards,

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 <[redacted] Mandapati, Sirisha (Health) <Sirisha.Mandapati@act.gov.au>
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Hi [redacted]

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Venkat

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To: [redacted] <[redacted]>
Cc: Arsavilli, Dev <Dev.Arsavilli@act.gov.au>; [redacted] (Health) <[redacted]> Divvela, Venkat

(Health) <Venkat.Divvela@act.gov.au>; [REDACTED] <[REDACTED]>
Subject: RE: [AUS - ACT] Data extract for Patient Merge test [SEC=UNCLASSIFIED]

Thanks [REDACTED]

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To: [REDACTED] <[REDACTED]>
Cc: Arsavilli, Dev <Dev.Arsavilli@act.gov.au>; [REDACTED] (Health) <[REDACTED]>
 [REDACTED] (Health) <[REDACTED]@act.gov.au>; [REDACTED] <[REDACTED]>
Subject: RE: Data extract for Patient Merge test [SEC=UNCLASSIFIED]

Hi All,

I'll start working on this now.

Will let you know as soon as the PATIENTS only have been send to EI and SCHEDULING.

Kind Regards,

[REDACTED]

→ Not available: 6th July
 → Holiday alert: July 27th – August 15th

[REDACTED] NV, Septestraat 27, 2640 Mortsel, Belgium
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<http://blog.agfahealthcare.com>

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

From: [REDACTED]
Sent: Thursday 5 July 2018 8:16
To: [REDACTED] <[REDACTED]>
Cc: Arsavilli, Dev <Dev.Arsavilli@act.gov.au>; [REDACTED] (Health) <[REDACTED]>
 [REDACTED] (Health) <[REDACTED]@act.gov.au>
Subject: RE: Data extract for Patient Merge test [SEC=UNCLASSIFIED]

Hi [REDACTED]

The files for this next batch have been uploaded to the following directory in the Migration server.

D:\[REDACTED]\RIS_PACS_Extract_PatientMergeTest\

Kind Regards,

[REDACTED]

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

From: [REDACTED] (Health) [mailto:[REDACTED]@act.gov.au]
Sent: Wednesday, 4 July 2018 5:11 PM
To: [REDACTED] <[REDACTED]>
Cc: [REDACTED] <[REDACTED]> Arsavilli, Dev <Dev.Arsavilli@act.gov.au>; [REDACTED] (Health) <[REDACTED]>
Subject: Data extract for Patient Merge test [SEC=UNCLASSIFIED]

Hi [REDACTED]

As discussed yesterday, I have prepared a test extract to retest the patient merges (Extract has been handed over to [REDACTED])

The testers will perform a few merges tomorrow (05/07), after which I will send you a confirmation to go ahead and load the patient data (patient data only) into EI and scheduling.

Once we get a confirmation from you about a successful patient load, our testers will perform a few more patient merges.

I will then send you a confirmation to continue with the HL7 and DICOM data load.

Please let me know if you have any further questions.

Thanks,

[REDACTED]

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

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Heland, Rebecca (Health)

From: [REDACTED] <[REDACTED]>
Sent: Monday, 9 July 2018 5:44 PM
To: [REDACTED] (Health)
Cc: Arsavilli, Dev; [REDACTED] (Health); [REDACTED] Mandapati, Sirisha (Health); Divvela, Venkat (Health)
Subject: RE: [AUS - ACT] Data extract for Patient Merge test [SEC=UNCLASSIFIED]

[REDACTED]

I have not been involved in what you has been sent in the data migration tests so not sure of the complete flow of what is happened. But basically EI and Scheduling should be the same as it comes from the same set of data.

From your Questions:

Scheduling:

For the patient merges that were initiated before the patient data loaded into Scheduling, it seems like the merge message has not been actioned by scheduling as expected:

A search in scheduling for the merged MRN does not come up with any patient details (expected result is to see patient details with new active MRN).

AC: Correct – Patients must exists else message will not be processed.

But for patient merges initiated after the patient data loaded into Scheduling, the results are as expected (a search on the merged MRN, comes up with details with the new MRN)

AC: Correct – as expected

Scheduling: No RIS data (procedure history) for any of the patients migrated in this batch.

AC: I pushed into Scheduling whatever was in the AMT database from [REDACTED] had processed. I can look further but need to know what data was expected (list of accession numbers) to check for. This was primarily for the Multiple attachments issue so if not the correct batch then I need to know and can redo. But be warned – if the patient merge did to occur then then a new patient will be created if for the unmerged id not found. Not sure if this is a good test anymore.

Kind Regards,

[REDACTED]
 T +32 3444 8413 | F +32 3 444 84 01 | M [REDACTED]

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<http://blog.agfahealthcare.com>

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From: [REDACTED]
Sent: maandag 9 juli 2018 8:37
To: [REDACTED] (Health) <[REDACTED]@act.gov.au>; [REDACTED] <[REDACTED]>
Cc: Arsavilli, Dev <Dev.Arsavilli@act.gov.au>; [REDACTED] (Health) <[REDACTED]>
 <[REDACTED] Mandapati, Sirisha (Health) <Sirisha.Mandapati@act.gov.au>; Divvela, Venkat (Health) <Venkat.Divvela@act.gov.au>; [REDACTED] <[REDACTED]>
Subject: [AUS - ACT] Data extract for Patient Merge test [SEC=UNCLASSIFIED]

Hi [REDACTED]

- But indeed, with a list of new PIDs the DICOM migration can update these DICOM headers. That would solve the problem and was tested before, so that is OK.

The sheet with Study UIDs and active Patient IDs (StudyUID_PatientID.xls) was provided for DICOM header update with the small sample extract provided for merge testing.

Was this update implemented for this round of testing?

██████████ This was not done during the merge test, but we know from previous tests that this works

- In any case, where the merge would be send to EI and not to the Siemens PACS and the new PID is not somewhere on the provided lists, these will result in the double lines in EI as you can see from the last test. These types of studies will be reported on the migration 'Exception list' as 'migrated, failed validation'.

If EI can identify orders and procedures to be migrated against the right PID (in scenarios where the migrated data is still referencing the merged MRN), can't we do something similar to the DICOM header update too?

Is there a way for your code to check if the PID provided in the list (StudyUID_PatientID.xls) is active, if not, can your code not find the active PID for the same? I understand that this adds to the complexity of the code needed for DICOM update, but my understanding is that the system should have all the required information needed for the DICOM header update.

Could you please analyze if this is a possible option?

██████████ EI only makes that link for the HL7 side, I did test this before sending out my response just to be sure. So on the DICOM side these assumptions are not made, the data needs to match the HL7 order, if it doesn't fully match, manually actions will be needed.

The migration tools have a static database, once everything is setup, no real time checks are possible. We don't seem to have situations where the merges would be executed over ADT and not forwarded to the connected PACS systems.

Kind Regards,

██████████
██████████
██████████

→ Not available: 6th July
→ Holiday alert: July 27th – August 15th

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

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

Sent: Monday 9 July 2018 2:47

To: ██████████ ██████████ <██████████@act.gov.au>, ██████████ ██████████ <██████████@act.gov.au>

Cc: Arsavilli, Dev <Dev.Arsavilli@act.gov.au>; ██████████ ██████████ (Health) <██████████@act.gov.au>; ██████████ ██████████ (Health) <██████████@act.gov.au>; Mandapati, Sirisha (Health) <Sirisha.Mandapati@act.gov.au>; Divvela, Venkat (Health) <Venkat.Divvela@act.gov.au>

Subject: RE: [AUS - ACT] Data extract for Patient Merge test [SEC=UNCLASSIFIED]

Thanks ██████████

Please see my comments below.

██████████

Could you please look into the issues identified in Scheduling?

Thanks,

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

From: ██████████ [mailto:██████████@act.gov.au]
Sent: Friday, 6 July 2018 5:13 PM
To: ██████████ (Health) <██████████@act.gov.au>; ██████████ <██████████@act.gov.au>
Cc: Arsavilli, Dev <Dev.Arsavilli@act.gov.au>; ██████████ (Health) <██████████@act.gov.au>; ██████████ (Health) <██████████@act.gov.au>; ██████████ Mandapati, Sirisha (Health) <Sirisha.Mandapati@act.gov.au>; Divvela, Venkat (Health) <Venkat.Divvela@act.gov.au>; ██████████ <██████████@act.gov.au>
Subject: RE: [AUS - ACT] Data extract for Patient Merge test [SEC=UNCLASSIFIED]

██████████
 The Scheduling part is handled by my colleague ██████████ (in CC).

I have a day of today and will have a close look on Monday.

- But indeed, with a list of new PIDs the DICOM migration can update these DICOM headers. That would solve the problem and was tested before, so that is OK. The sheet with Study UIDs and active Patient IDs (StudyUID_PatientID.xls) was provided for DICOM header update with the small sample extract provided for merge testing. Was this update implemented for this round of testing?
- In any case, where the merge would be send to EI and not to the Siemens PACS and the new PID is not somewhere on the provided lists, these will result in the double lines in EI as you can see from the last test. These types of studies will be reported on the migration 'Exception list' as 'migrated, failed validation'.
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 Is there a way for your code to check if the PID provided in the list (StudyUID_PatientID.xls) is active, if not, can your code not find the active PID for the same? I understand that this adds to the complexity of the code needed for DICOM update, but my understanding is that the system should have all the required information needed for the DICOM header update.
 Could you please analyze if this is a possible option?

Kind Regards,

██████████
 T ██████████

→ Not available: 6th July
 → Holiday alert: July 27th – August 15th

██████████ NV, ██████████
<http://www.agfahealthcare.com>
<http://blog.agfahealthcare.com>

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

From: ██████████ (Health) [mailto:██████████@act.gov.au]
Sent: Friday 6 July 2018 4:23
To: ██████████ <██████████@act.gov.au>
Cc: Arsavilli, Dev <Dev.Arsavilli@act.gov.au>; ██████████ (Health) <██████████@act.gov.au>; ██████████ (Health) <██████████@act.gov.au>; ██████████ Mandapati, Sirisha (Health) <Sirisha.Mandapati@act.gov.au>; Divvela, Venkat (Health) <██████████@act.gov.au>

<Venkat.Divvela@act.gov.au>

Subject: RE: [AUS - ACT] Data extract for Patient Merge test [SEC=UNCLASSIFIED]

Hi [REDACTED]

Thanks for the status update.

We have verified the data in EI and Scheduling and found the following issues:

EI – All merges have successfully gone through in EI, except for the 8 studies mentioned in [REDACTED] email below. [REDACTED] these studies are the studies that needed a DICOM update while migration.

For example:

Accession number [REDACTED] has a study associated to merged MRN [REDACTED] in the Siemens PACS, but current active MRN for the patient is [REDACTED]. This merge for some reason has failed to be implemented on Siemen's RIS and PACS and the orders and images in RIS and PACS still associate to the merged MRN. (This is not just a case in test, will also be the case when migrating to prod)

We have had this discussion before and the solution was for me to provide transformed data associating the studies to the right MRN in the extracts and for you to associate the images to the right MRN using DICOM update while image migration.

Now, in this situation where the active MRN is merged once again to a different MRN through a live ADT message, the complexity is for you to identify the new active MRN for [REDACTED] to update the DICOM image to the right Patient ID.

Let me know if there is a way of handling this in EI. Happy to discuss this over the phone if needed.

Scheduling:

For the patient merges that were initiated before the patient data loaded into Scheduling, it seems like the merge message has not been actioned by scheduling as expected:

A search in scheduling for the merged MRN does not come up with any patient details (expected result is to see patient details with new active MRN).

But for patient merges initiated after the patient data loaded into Scheduling, the results are as expected (a search on the merged MRN, comes up with details with the new MRN)

Scheduling: No RIS data (procedure history) for any of the patients migrated in this batch.

Could you please look into the above?

Thanks,

[REDACTED]

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

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

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

Sent: Thursday, 5 July 2018 8:04 PM

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

<Sunitha.Sampath@act.gov.au>

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

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

<[REDACTED]>

Subject: [AUS - ACT] Data extract for Patient Merge test [SEC=UNCLASSIFIED]

Hi All,

I have now completed the following steps:

- Sending of the remaining HL7 data towards EI

- Sending the DICOM data towards EI

Overall status of the executed tasks today:

- 3 ADT messages have not been send, because the patient was already present in EI ([REDACTED])
- All ORM/ORU messages have been send and validated
- All 50 DICOM studies have been send to EI, 8 studies have a validation error (see below)

HL7 migration + patient merge

I did a quick check on a random patient that was merged and the new patient seems to be showing up on the order. So that seems to work.

DICOM migration + patient merge

This is a bit unexpected to me, but if you merge patients, it doesn't seem to be happening in the Siemens PACS. Is that correct ? or only the case during testing ? Because, this will result in 2 lines in EI. The matching logic on DICOM will create a 'temp order' that needs to be manually fixed.

For example, if you search for accession number [REDACTED] in EI you will see this system. (If the PACS would have send with the new PID, this would be 1 line)

These are the affected StudyUIDs:

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

Kind Regards,

[REDACTED]

[REDACTED]

- Not available: 6th July
- Holiday alert: July 27th – August 15th

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

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From: Divvela, Venkat (Health) [mailto:Venkat.Divvela@act.gov.au]
Sent: Thursday 5 July 2018 10:19
To: [REDACTED] (Health) <[REDACTED]@act.gov.au>; [REDACTED] <[REDACTED]>
Cc: Arsavilli, Dev <Dev.Arsavilli@act.gov.au>; [REDACTED] (Health) <[REDACTED]>
 <[REDACTED]> Mandapati, Sirisha (Health) <Sirisha.Mandapati@act.gov.au>
Subject: RE: [AUS - ACT] Data extract for Patient Merge test [SEC=UNCLASSIFIED]

Hi [REDACTED]

I have completed the merges and please go ahead for the HL7 and DICOM data to be loaded.
Please let us know once the loading is complete.

Thanks
Venkat

From: [REDACTED] (Health)
Sent: Thursday, 5 July 2018 5:10 PM
To: [REDACTED]
Cc: Arsavilli, Dev <Dev.Arsavilli@act.gov.au>; [REDACTED] (Health) <[REDACTED]> Divvela, Venkat (Health) <Venkat.Divvela@act.gov.au>; [REDACTED] <[REDACTED]>
Subject: RE: [AUS - ACT] Data extract for Patient Merge test [SEC=UNCLASSIFIED]

Thanks [REDACTED]
I have included Venkat (our Data Migration tester) in this email.
Venkat will proceed with the patient merges now.
He will write back to you when the merges are completed, giving you a go ahead for the HL7 and DICOM data to be loaded.

Thanks,
[REDACTED]

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

From: [REDACTED] [mailto:[REDACTED]]
Sent: Thursday, 5 July 2018 5:07 PM
To: [REDACTED]
Cc: Arsavilli, Dev <Dev.Arsavilli@act.gov.au>; [REDACTED] (Health) <[REDACTED]> [REDACTED] (Health) <[REDACTED]@act.gov.au>; [REDACTED] <[REDACTED]>
Subject: [AUS - ACT] Data extract for Patient Merge test [SEC=UNCLASSIFIED]

Hi All,

The patients have now been migrated to EI and Scheduling (over eidc1tstconnect:2333)

From the 14 patients:

- 11 ADT messages have actually been send
- 3 ADT messages have NOT been send, because the patient was already in EI

These are → [REDACTED]

Kind Regards,

[REDACTED]
[REDACTED]

→ Not available: 6th July
→ Holiday alert: July 27th – August 15th

[REDACTED] NV, [REDACTED]
<http://www.agfahealthcare.com>
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From: [REDACTED]
Sent: Thursday 5 July 2018 8:45
To: [REDACTED] <[REDACTED]>
Cc: Arsavilli, Dev <Dev.Arsavilli@act.gov.au>; [REDACTED] (Health) <[REDACTED]>
 [REDACTED] (Health) <[REDACTED]@act.gov.au>; [REDACTED] <[REDACTED]>
Subject: RE: Data extract for Patient Merge test [SEC=UNCLASSIFIED]

Hi All,

I'll start working on this now.

Will let you know as soon as the PATIENTS only have been send to EI and SCHEDULING.

Kind Regards,

[REDACTED]
 T [REDACTED]

→ Not available: 6th July
 → Holiday alert: July 27th – August 15th

agfa HealthCare NV, [REDACTED]
<http://www.agfahealthcare.com>
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From: [REDACTED]
Sent: Thursday 5 July 2018 8:16
To: [REDACTED] <[REDACTED]>
Cc: Arsavilli, Dev <Dev.Arsavilli@act.gov.au>; [REDACTED] (Health) <[REDACTED]>
 [REDACTED] (Health) <[REDACTED]@act.gov.au>
Subject: RE: Data extract for Patient Merge test [SEC=UNCLASSIFIED]

Hi [REDACTED]

The files for this next batch have been uploaded to the following directory in the Migration server.

D:\[REDACTED]\RIS_PACS_Extract_PatientMergeTest\

Kind Regards,

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

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

From: [REDACTED] (Health) [mailto:[REDACTED]@act.gov.au]
Sent: Wednesday, 4 July 2018 5:11 PM
To: [REDACTED] <[REDACTED]>
Cc: [REDACTED] <[REDACTED]> Arsavilli, Dev <Dev.Arsavilli@act.gov.au>; [REDACTED] (Health)
 <[REDACTED]>
Subject: Data extract for Patient Merge test [SEC=UNCLASSIFIED]

Hi [REDACTED]

As discussed yesterday, I have prepared a test extract to retest the patient merges (Extract has been handed over to [REDACTED])

The testers will perform a few merges tomorrow (05/07), after which I will send you a confirmation to go ahead and load the patient data (patient data only) into EI and scheduling.

Once we get a confirmation from you about a successful patient load, our testers will perform a few more patient merges.

I will then send you a confirmation to continue with the HL7 and DICOM data load.

Please let me know if you have any further questions.

Thanks,
[REDACTED]

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

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Heland, Rebecca (Health)

From: [REDACTED] <[REDACTED]>
Sent: Monday, 9 July 2018 4:37 PM
To: [REDACTED] (Health); [REDACTED]
Cc: Arsavilli, Dev; [REDACTED] (Health); [REDACTED] Mandapati, Sirisha (Health);
 Divvela, Venkat (Health); [REDACTED]
Subject: [AUS - ACT] Data extract for Patient Merge test [SEC=UNCLASSIFIED]

Hi [REDACTED]

- But indeed, with a list of new PIDs the DICOM migration can update these DICOM headers. That would solve the problem and was tested before, so that is OK. The sheet with Study UIDs and active Patient IDs (StudyUID_PatientID.xls) was provided for DICOM header update with the small sample extract provided for merge testing. Was this update implemented for this round of testing?

[REDACTED] This was not done during the merge test, but we know from previous tests that this works

- In any case, where the merge would be send to EI and not to the Siemens PACS and the new PID is not somewhere on the provided lists, these will result in the double lines in EI as you can see from the last test. These types of studies will be reported on the migration 'Exception list' as 'migrated, failed validation'. If EI can identify orders and procedures to be migrated against the right PID (in scenarios where the migrated data is still referencing the merged MRN), can't we do something similar to the DICOM header update too? Is there a way for your code to check if the PID provided in the list (StudyUID_PatientID.xls) is active, if not, can your code not find the active PID for the same? I understand that this adds to the complexity of the code needed for DICOM update, but my understanding is that the system should have all the required information needed for the DICOM header update. Could you please analyze if this is a possible option?

[KEV] EI only makes that link for the HL7 side, I did test this before sending out my response just to be sure. So on the DICOM side these assumptions are not made, the data needs to match the HL7 order, if it doesn't fully match, manually actions will be needed.

The migration tools have a static database, once everything is setup, no real time checks are possible. We don't seem to have situations where the merges would be executed over ADT and not forwarded to the connected PACS systems.

Kind Regards,

[REDACTED]
 T [REDACTED]

→ Not available: 6th July
 → Holiday alert: July 27th – August 15th

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

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From: [REDACTED] (Health) [mailto:[REDACTED]@act.gov.au]
Sent: Monday 9 July 2018 2:47
To: [REDACTED] <[REDACTED]@act.gov.au>; [REDACTED] <[REDACTED]@act.gov.au>
Cc: Arsavilli, Dev <Dev.Arsavilli@act.gov.au>; [REDACTED] (Health) <[REDACTED]@act.gov.au>; [REDACTED] Mandapati, Sirisha (Health) <Sirisha.Mandapati@act.gov.au>; Divvela, Venkat (Health) <Venkat.Divvela@act.gov.au>
Subject: RE: [AUS - ACT] Data extract for Patient Merge test [SEC=UNCLASSIFIED]

Thanks [REDACTED]
Please see my comments below.

[REDACTED]
Could you please look into the issues identified in Scheduling?

Thanks,

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

From: [REDACTED] [mailto:[REDACTED]@act.gov.au]
Sent: Friday, 6 July 2018 5:13 PM
To: [REDACTED] (Health) <[REDACTED]@act.gov.au>; [REDACTED] <[REDACTED]@act.gov.au>
Cc: Arsavilli, Dev <Dev.Arsavilli@act.gov.au>; [REDACTED] (Health) <[REDACTED]@act.gov.au>; [REDACTED] Mandapati, Sirisha (Health) <Sirisha.Mandapati@act.gov.au>; Divvela, Venkat (Health) <Venkat.Divvela@act.gov.au>; [REDACTED] <[REDACTED]@act.gov.au>
Subject: RE: [AUS - ACT] Data extract for Patient Merge test [SEC=UNCLASSIFIED]

[REDACTED]
The Scheduling part is handled by my colleague [REDACTED] (in CC).

I have a day off today and will have a close look on Monday.

- But indeed, with a list of new PIDs the DICOM migration can update these DICOM headers. That would solve the problem and was tested before, so that is OK. The sheet with Study UUIDs and active Patient IDs (StudyUUID_PatientID.xls) was provided for DICOM header update with the small sample extract provided for merge testing. Was this update implemented for this round of testing?
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Kind Regards,

[REDACTED]
T [REDACTED]

→ Not available: 6th July
 → Holiday alert: July 27th – August 15th

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From: ██████████ ██████████ (Health) [mailto:██████████@act.gov.au]
Sent: Friday 6 July 2018 4:23
To: ██████████ ██████████ <██████████@act.gov.au>
Cc: Arsavilli, Dev <Dev.Arsavilli@act.gov.au>; ██████████ ██████████ (Health) <██████████@act.gov.au>; ██████████ ██████████ (Health) <██████████@act.gov.au>; Mandapati, Sirisha (Health) <Sirisha.Mandapati@act.gov.au>; Divvela, Venkat (Health) <Venkat.Divvela@act.gov.au>
Subject: RE: [AUS - ACT] Data extract for Patient Merge test [SEC=UNCLASSIFIED]

Hi ██████████
 Thanks for the status update.

We have verified the data in EI and Scheduling and found the following issues:

EI – All merges have successfully gone through in EI, except for the 8 studies mentioned in ██████████ email below. ██████████ these studies are the studies that needed a DICOM update while migration.

For example:

Accession number ██████████ has a study associated to merged MRN ██████████ in the Siemens PACS, but current active MRN for the patient is ██████████. This merge for some reason has failed to be implemented on Siemen's RIS and PACS and the orders and images in RIS and PACS still associate to the merged MRN. (This is not just a case in test, will also be the case when migrating to prod)

We have had this discussion before and the solution was for me to provide transformed data associating the studies to the right MRN in the extracts and for you to associate the images to the right MRN using DICOM update while image migration.

Now, in this situation where the active MRN is merged once again to a different MRN through a live ADT message, the complexity is for you to identify the new active MRN for ██████████ update the DICOM image to the right Patient ID.

Let me know if there is a way of handling this in EI. Happy to discuss this over the phone if needed.

Scheduling:

For the patient merges that were initiated before the patient data loaded into Scheduling, it seems like the merge message has not been actioned by scheduling as expected:

A search in scheduling for the merged MRN does not come up with any patient details (expected result is to see patient details with new active MRN).

But for patient merges initiated after the patient data loaded into Scheduling, the results are as expected (a search on the merged MRN, comes up with details with the new MRN)

Scheduling: No RIS data (procedure history) for any of the patients migrated in this batch.

Could you please look into the above?

Thanks,

██████████

██████████ | IDIS Data Migration Analyst - UCPH Digital Solutions Program
 Mobile: ██████████ Email: ██████████

From: [REDACTED] [mailto:[REDACTED]]
Sent: Thursday, 5 July 2018 8:04 PM
To: Divvela, Venkat (Health) <Venkat.Divvela@act.gov.au>; [REDACTED] (Health) <[REDACTED]@act.gov.au>
Cc: Arsavilli, Dev <Dev.Arsavilli@act.gov.au>; [REDACTED] (Health) <[REDACTED]@act.gov.au>; [REDACTED] (Health) <[REDACTED]@act.gov.au>; [REDACTED] (Health) <[REDACTED]@act.gov.au>; [REDACTED] (Health) <[REDACTED]@act.gov.au>
Subject: [AUS - ACT] Data extract for Patient Merge test [SEC=UNCLASSIFIED]

Hi All,

I have now completed the following steps:

- Sending of the remaining HL7 data towards EI
- Sending the DICOM data towards EI

Overall status of the executed tasks today:

- 3 ADT messages have not been send, because the patient was already present in EI ([REDACTED])
- All ORM/ORU messages have been send and validated
- All 50 DICOM studies have been send to EI, 8 studies have a validation error (see below)

HL7 migration + patient merge

I did a quick check on a random patient that was merged and the new patient seems to be showing up on the order. So that seems to work.

DICOM migration + patient merge

This is a bit unexpected to me, but if you merge patients, it doesn't seem to be happening in the Siemens PACS. Is that correct ? or only the case during testing ? Because, this will result in 2 lines in EI. The matching logic on DICOM will create a 'temp order' that needs to be manually fixed.

For example, if you search for accession number [REDACTED] in EI you will see this system. (If the PACS would have send with the new PID, this would be 1 line)

These are the affected StudyUIDs:

[REDACTED]
[REDACTED]
[REDACTED]
[REDACTED]
[REDACTED]
[REDACTED]
[REDACTED]
[REDACTED]

Kind Regards,

[REDACTED]
[REDACTED]
[REDACTED]

→ Not available: 6th July
→ Holiday alert: July 27th – August 15th

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From: Divvela, Venkat (Health) [mailto:Venkat.Divvela@act.gov.au]

Sent: Thursday 5 July 2018 10:19

To: ██████████ ██████████ ██████████ <██████████>

Cc: Arsavilli, Dev <Dev.Arsavilli@act.gov.au>; ██████████ ██████████ (Health) <██████████>
 <██████████> Mandapati, Sirisha (Health) <Sirisha.Mandapati@act.gov.au>

Subject: RE: [AUS - ACT] Data extract for Patient Merge test [SEC=UNCLASSIFIED]

Hi ██████████

I have completed the merges and please go ahead for the HL7 and DICOM data to be loaded.
 Please let us know once the loading is complete.

Thanks
 Venkat

From: ██████████

Sent: Thursday, 5 July 2018 5:10 PM

To: ██████████ ██████████ <██████████>

Cc: Arsavilli, Dev <Dev.Arsavilli@act.gov.au>; ██████████ ██████████ (Health) <██████████> Divvela, Venkat (Health) <Venkat.Divvela@act.gov.au>; ██████████ ██████████ <██████████>

Subject: RE: [AUS - ACT] Data extract for Patient Merge test [SEC=UNCLASSIFIED]

Thanks ██████████

I have included Venkat (our Data Migration tester) in this email.

Venkat will proceed with the patient merges now.

He will write back to you when the merges are completed, giving you a go ahead for the HL7 and DICOM data to be loaded.

Thanks,

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

From: ██████████ ██████████ [mailto:██████████]

Sent: Thursday, 5 July 2018 5:07 PM

To: ██████████ ██████████ <██████████>

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

Subject: [AUS - ACT] Data extract for Patient Merge test [SEC=UNCLASSIFIED]

Hi All,

The patients have now been migrated to EI and Scheduling (over eidc1tstconnect:2333)

From the 14 patients:

- 11 ADT messages have actually been send
- 3 ADT messages have NOT been send, because the patient was already in EI

These are → ██████████

Kind Regards,

[REDACTED]
T [REDACTED]

→ Not available: 6th July
→ Holiday alert: July 27th – August 15th

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

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

From: [REDACTED]
Sent: Thursday 5 July 2018 8:45
To: [REDACTED] <[REDACTED]>
Cc: Arsavilli, Dev <Dev.Arsavilli@act.gov.au>; [REDACTED] (Health) <[REDACTED]>
[REDACTED] (Health) <[REDACTED]@act.gov.au>; [REDACTED] <[REDACTED]>
Subject: RE: Data extract for Patient Merge test [SEC=UNCLASSIFIED]

Hi All,

I'll start working on this now.

Will let you know as soon as the PATIENTS only have been send to EI and SCHEDULING.

Kind Regards,

[REDACTED]
T [REDACTED]

→ Not available: 6th July
→ Holiday alert: July 27th – August 15th

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From: [REDACTED]
Sent: Thursday 5 July 2018 8:16
To: [REDACTED] <[REDACTED]>
Cc: Arsavilli, Dev <Dev.Arsavilli@act.gov.au>; [REDACTED] (Health) <[REDACTED]>
[REDACTED] (Health) <[REDACTED]@act.gov.au>
Subject: RE: Data extract for Patient Merge test [SEC=UNCLASSIFIED]

Hi [REDACTED]

The files for this next batch have been uploaded to the following directory in the Migration server.

D:\[REDACTED]\RIS_PACS_Extract_PatientMergeTest\

Kind Regards,

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>

From: [REDACTED]
Sent: Wednesday, 4 July 2018 5:11 PM
To: [REDACTED] <[REDACTED]>
Cc: [REDACTED] <[REDACTED]> Arsavilli, Dev <Dev.Arsavilli@act.gov.au>; [REDACTED] [REDACTED] (Health)
<[REDACTED]>
Subject: Data extract for Patient Merge test [SEC=UNCLASSIFIED]

Hi [REDACTED]

As discussed yesterday, I have prepared a test extract to retest the patient merges (Extract has been handed over to [REDACTED])

The testers will perform a few merges tomorrow (05/07), after which I will send you a confirmation to go ahead and load the patient data (patient data only) into EI and scheduling.

Once we get a confirmation from you about a successful patient load, our testers will perform a few more patient merges.

I will then send you a confirmation to continue with the HL7 and DICOM data load.

Please let me know if you have any further questions.

Thanks,

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

Mobile: [REDACTED] Email: [REDACTED][act.gov.au](mailto:[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] (Health)
Sent: Tuesday, 10 July 2018 11:45 AM
To: [REDACTED]
Cc: Arsavilli, Dev; [REDACTED] (Health); [REDACTED] Mandapati, Sirisha (Health); Divvela, Venkat (Health); [REDACTED]
Subject: RE: [AUS - ACT] Data extract for Patient Merge test [SEC=UNCLASSIFIED]

Thanks [REDACTED]

At today's meeting (arranged for 16:30 hrs our time), I would like to discuss the following with you:

Patient merge and DICOM header update:

Could you handle this with additional manual steps at your end?

You say an exception is caused as the DICOM header details do not match the HL7 order (The DICOM header details will match the HL7 order if the check is done after the manual step of updating the header with the provided Patient ID) – Could this be handled by fixing the order in which the update and the merge are implemented?

If not could we avoid migrating these as exceptions that will need matching after migration? Our preferred approach would be to raise these as exceptions and not migrate (not end up with duplicate RIS orders) and we could then look into the failed migration set to provide details of the active patient IDs to migrate/update the DICOM header accordingly.

Thanks,

[REDACTED]

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

From: [REDACTED] [mailto:[REDACTED]]
Sent: Monday, 9 July 2018 4:37 PM
To: [REDACTED] (Health) <[REDACTED]@act.gov.au>; [REDACTED] <[REDACTED]>
Cc: Arsavilli, Dev <Dev.Arsavilli@act.gov.au>; [REDACTED] (Health) <[REDACTED]>; [REDACTED] Mandapati, Sirisha (Health) <Sirisha.Mandapati@act.gov.au>; Divvela, Venkat (Health) <Venkat.Divvela@act.gov.au>; [REDACTED] <[REDACTED]>
Subject: [AUS - ACT] Data extract for Patient Merge test [SEC=UNCLASSIFIED]

Hi [REDACTED]

- But indeed, with a list of new PIDs the DICOM migration can update these DICOM headers. That would solve the problem and was tested before, so that is OK. The sheet with Study UIDs and active Patient IDs (StudyUID_PatientID.xls) was provided for DICOM header update with the small sample extract provided for merge testing. Was this update implemented for this round of testing?

[REDACTED] This was not done during the merge test, but we know from previous tests that this works

- In any case, where the merge would be send to EI and not to the Siemens PACS and the new PID is not somewhere on the provided lists, these will result in the double lines in EI as you can see from the last test. These types of studies will be reported on the migration 'Exception list' as 'migrated, failed validation'.

If EI can identify orders and procedures to be migrated against the right PID (in scenarios where the migrated data is still referencing the merged MRN), can't we do something similar to the DICOM header update too?

Is there a way for your code to check if the PID provided in the list (StudyUID_PatientID.xls) is active, if not, can your code not find the active PID for the same? I understand that this adds to the complexity of the code needed for DICOM update, but my understanding is that the system should have all the required information needed for the DICOM header update.

Could you please analyze if this is a possible option?

[KEV] EI only makes that link for the HL7 side, I did test this before sending out my response just to be sure. So on the DICOM side these assumptions are not made, the data needs to match the HL7 order, if it doesn't fully match, manually actions will be needed.

The migration tools have a static database, once everything is setup, no real time checks are possible. We don't seem to have situations where the merges would be executed over ADT and not forwarded to the connected PACS systems.

Kind Regards,

[REDACTED]
[REDACTED]
[REDACTED]

⇒ Not available: 6th July
→ Holiday alert: July 27th – August 15th

[REDACTED] NV, [REDACTED]
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From: [REDACTED] (Health) [mailto:[REDACTED]@act.gov.au]
Sent: Monday 9 July 2018 2:47
To: [REDACTED] <[REDACTED]@act.gov.au>; [REDACTED] <[REDACTED]@act.gov.au>
Cc: Arsavilli, Dev <Dev.Arsavilli@act.gov.au>; [REDACTED] (Health) <[REDACTED]@act.gov.au>; [REDACTED] Mandapati, Sirisha (Health) <Sirisha.Mandapati@act.gov.au>; Divvela, Venkat (Health) <Venkat.Divvela@act.gov.au>
Subject: RE: [AUS - ACT] Data extract for Patient Merge test [SEC=UNCLASSIFIED]

Thanks [REDACTED]
Please see my comments below.

[REDACTED]
Could you please look into the issues identified in Scheduling?

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

From: [REDACTED] [mailto:[REDACTED]@act.gov.au]
Sent: Friday, 6 July 2018 5:13 PM
To: [REDACTED] (Health) <[REDACTED]@act.gov.au>; [REDACTED] <[REDACTED]@act.gov.au>
Cc: Arsavilli, Dev <Dev.Arsavilli@act.gov.au>; [REDACTED] (Health) <[REDACTED]@act.gov.au>; [REDACTED] Mandapati, Sirisha (Health) <Sirisha.Mandapati@act.gov.au>; Divvela, Venkat (Health) <Venkat.Divvela@act.gov.au>; [REDACTED] <[REDACTED]@act.gov.au>
Subject: RE: [AUS - ACT] Data extract for Patient Merge test [SEC=UNCLASSIFIED]

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From: [REDACTED] (Health) [mailto:[REDACTED]@act.gov.au]
Sent: Friday 6 July 2018 4:23
To: [REDACTED] <[REDACTED]>
Cc: Arsavilli, Dev <Dev.Arsavilli@act.gov.au>; [REDACTED] (Health) <[REDACTED]>; [REDACTED] Mandapati, Sirisha (Health) <Sirisha.Mandapati@act.gov.au>; Divvela, Venkat (Health) <Venkat.Divvela@act.gov.au>
Subject: RE: [AUS - ACT] Data extract for Patient Merge test [SEC=UNCLASSIFIED]

Hi [REDACTED]
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Thanks,

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

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

Sent: Thursday, 5 July 2018 8:04 PM

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

Cc: Arsavilli, Dev <Dev.Arsavilli@act.gov.au>; [REDACTED] [REDACTED] (Health) <[REDACTED]> [REDACTED] [REDACTED] <[REDACTED]> Mandapati, Sirisha (Health) <Sirisha.Mandapati@act.gov.au>; [REDACTED] [REDACTED] <[REDACTED]>

Subject: [AUS - ACT] Data extract for Patient Merge test [SEC=UNCLASSIFIED]

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- Sending the DICOM data towards EI

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[REDACTED]
[REDACTED]
[REDACTED]
[REDACTED]
[REDACTED]
[REDACTED]
[REDACTED]
[REDACTED]

Kind Regards,

[REDACTED]
T [REDACTED]

→ Not available: 6th July
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From: Divvela, Venkat (Health) [mailto:Venkat.Divvela@act.gov.au]

Sent: Thursday 5 July 2018 10:19

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

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

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

Subject: RE: [AUS - ACT] Data extract for Patient Merge test [SEC=UNCLASSIFIED]

Hi [REDACTED]

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Thanks
Venkat

From: [REDACTED] (Health).

Sent: Thursday, 5 July 2018 5:10 PM

To: [REDACTED] <[REDACTED]>

Cc: Arsavilli, Dev <Dev.Arsavilli@act.gov.au>; [REDACTED] (Health) <[REDACTED]> Divvela, Venkat

(Health) <Venkat.Divvela@act.gov.au>; [REDACTED] <[REDACTED]>
Subject: RE: [AUS - ACT] Data extract for Patient Merge test [SEC=UNCLASSIFIED]

Thanks [REDACTED]

I have included Venkat (our Data Migration tester) in this email.

Venkat will proceed with the patient merges now.

He will write back to you when the merges are completed, giving you a go ahead for the HL7 and DICOM data to be loaded.

Thanks,

[REDACTED]

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

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

Sent: Thursday, 5 July 2018 5:07 PM

To: [REDACTED] <[REDACTED]>

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

Subject: [AUS - ACT] Data extract for Patient Merge test [SEC=UNCLASSIFIED]

Hi All,

The patients have now been migrated to EI and Scheduling (over eidc1tstconnect:2333)

From the 14 patients:

- 11 ADT messages have actually been send
- 3 ADT messages have NOT been send, because the patient was already in EI
 These are → [REDACTED]

Kind Regards,

[REDACTED]

- Not available: 6th July
- Holiday alert: July 27th – August 15th

[REDACTED] NV, [REDACTED]
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From: [REDACTED]

Sent: Thursday 5 July 2018 8:45

To: [REDACTED] <[REDACTED]>

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

Subject: RE: Data extract for Patient Merge test [SEC=UNCLASSIFIED]

Hi All,

I'll start working on this now.

Will let you know as soon as the PATIENTS only have been send to EI and SCHEDULING.

Kind Regards,

[REDACTED]
T [REDACTED]

→ Not available: 6th July
→ Holiday alert: July 27th – August 15th

[REDACTED] NV, [REDACTED]
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From: [REDACTED]
Sent: Thursday 5 July 2018 8:16
To: [REDACTED] <[REDACTED]>
Cc: Arsavilli, Dev <Dev.Arsavilli@act.gov.au>; [REDACTED] (Health) <[REDACTED]>
[REDACTED] (Health) <[REDACTED]@act.gov.au>
Subject: RE: Data extract for Patient Merge test [SEC=UNCLASSIFIED]

Hi [REDACTED]

The files for this next batch have been uploaded to the following directory in the Migration server.

D:\[REDACTED]\RIS_PACS_Extract_PatientMergeTest\

Kind Regards,

[REDACTED]
[REDACTED] 6683 | [REDACTED]

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From: [REDACTED] (Health) [mailto:[REDACTED]@act.gov.au]
Sent: Wednesday, 4 July 2018 5:11 PM
To: [REDACTED] <[REDACTED]>
Cc: [REDACTED] <[REDACTED]> Arsavilli, Dev <Dev.Arsavilli@act.gov.au>; [REDACTED] (Health) <[REDACTED]>
Subject: Data extract for Patient Merge test [SEC=UNCLASSIFIED]

Hi [REDACTED]

As discussed yesterday, I have prepared a test extract to retest the patient merges (Extract has been handed over to [REDACTED])

The testers will perform a few merges tomorrow (05/07), after which I will send you a confirmation to go ahead and load the patient data (patient data only) into EI and scheduling.

Once we get a confirmation from you about a successful patient load, our testers will perform a few more patient merges.

I will then send you a confirmation to continue with the HL7 and DICOM data load.

Please let me know if you have any further questions.

Thanks,

[REDACTED]

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

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Heland, Rebecca (Health)

From: [REDACTED] (Health)
Sent: Monday, 9 July 2018 10:47 AM
To: [REDACTED]
Cc: Arsavilli, Dev; [REDACTED] (Health); [REDACTED] Mandapati, Sirisha (Health); Divvela, Venkat (Health)
Subject: RE: [AUS - ACT] Data extract for Patient Merge test [SEC=UNCLASSIFIED]

Thanks [REDACTED]
 Please see my comments below.

[REDACTED]
 Could you please look into the issues identified in Scheduling?

Thanks,

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

From: [REDACTED] [mailto:[REDACTED]]
Sent: Friday, 6 July 2018 5:13 PM
To: [REDACTED] (Health) <[REDACTED]@act.gov.au>; [REDACTED] <[REDACTED]>
Cc: Arsavilli, Dev <Dev.Arsavilli@act.gov.au>; [REDACTED] (Health) <[REDACTED]>; [REDACTED] Mandapati, Sirisha (Health) <Sirisha.Mandapati@act.gov.au>; Divvela, Venkat (Health) <Venkat.Divvela@act.gov.au>; [REDACTED] <[REDACTED]>
Subject: RE: [AUS - ACT] Data extract for Patient Merge test [SEC=UNCLASSIFIED]

[REDACTED]
 The Scheduling part is handled by my colleague [REDACTED] (in CC).

I have a day of today and will have a close look on Monday.

- But indeed, with a list of new PIDs the DICOM migration can update these DICOM headers. That would solve the problem and was tested before, so that is OK. The sheet with Study UIDs and active Patient IDs (StudyUID_PatientID.xls) was provided for DICOM header update with the small sample extract provided for merge testing. Was this update implemented for this round of testing?
- In any case, where the merge would be send to EI and not to the Siemens PACS and the new PID is not somewhere on the provided lists, these will result in the double lines in EI as you can see from the last test. These types of studies will be reported on the migration 'Exception list' as 'migrated, failed validation'. If EI can identify orders and procedures to be migrated against the right PID (in scenarios where the migrated data is still referencing the merged MRN), can't we do something similar to the DICOM header update too? Is there a way for your code to check if the PID provided in the list (StudyUID_PatientID.xls) is active, if not, can your code not find the active PID for the same? I understand that this adds to the complexity of the code needed for DICOM update, but my understanding is that the system should have all the required information needed for the DICOM header update. Could you please analyze if this is a possible option?

Kind Regards,

→ Not available: 6th July
 → Holiday alert: July 27th – August 15th

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From: ██████████ ██████████ (Health) [mailto:██████████@act.gov.au]
Sent: Friday 6 July 2018 4:23
To: ██████████ ██████████ <██████████>
Cc: Arsavilli, Dev <Dev.Arsavilli@act.gov.au>; ██████████ ██████████ (Health) <██████████>
 <██████████> Mandapati, Sirisha (Health) <Sirisha.Mandapati@act.gov.au>; Divvela, Venkat (Health) <Venkat.Divvela@act.gov.au>
Subject: RE: [AUS - ACT] Data extract for Patient Merge test [SEC=UNCLASSIFIED]

Hi ██████████
 Thanks for the status update.

We have verified the data in EI and Scheduling and found the following issues:

EI – All merges have successfully gone through in EI, except for the 8 studies mentioned in ██████████ email below. ██████████ these studies are the studies that needed a DICOM update while migration.

For example:

Accession number ██████████, has a study associated to merged MRN ██████████ in the Siemens PACS, but current active MRN for the patient is ██████████. This merge for some reason has failed to be implemented on Siemen's RIS and PACS and the orders and images in RIS and PACS still associate to the merged MRN. (This is not just a case in test, will also be the case when migrating to prod)

We have had this discussion before and the solution was for me to provide transformed data associating the studies to the right MRN in the extracts and for you to associate the images to the right MRN using DICOM update while image migration.

Now, in this situation where the active MRN is merged once again to a different MRN through a live ADT message, the complexity is for you to identify the new active MRN for ██████████ to update the DICOM image to the right Patient ID.

Let me know if there is a way of handling this in EI. Happy to discuss this over the phone if needed.

Scheduling:

For the patient merges that were initiated before the patient data loaded into Scheduling, it seems like the merge message has not been actioned by scheduling as expected:

A search in scheduling for the merged MRN does not come up with any patient details (expected result is to see patient details with new active MRN).

But for patient merges initiated after the patient data loaded into Scheduling, the results are as expected (a search on the merged MRN, comes up with details with the new MRN)

Scheduling: No RIS data (procedure history) for any of the patients migrated in this batch.

Could you please look into the above?

Thanks,
 ██████████

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

From: ██████████ [mailto:██████████]
Sent: Thursday, 5 July 2018 8:04 PM
To: Divvela, Venkat (Health) <Venkat.Divvela@act.gov.au>; ██████████ (Health) <██████████@act.gov.au>
Cc: Arsavilli, Dev <Dev.Arsavilli@act.gov.au>; ██████████ (Health) <██████████>; ██████████ Mandapati, Sirisha (Health) <Sirisha.Mandapati@act.gov.au>; ██████████
Subject: [AUS - ACT] Data extract for Patient Merge test [SEC=UNCLASSIFIED]

Hi All,

I have now completed the following steps:

- Sending of the remaining HL7 data towards EI
- Sending the DICOM data towards EI

Overall status of the executed tasks today:

- 3 ADT messages have not been send, because the patient was already present in EI ██████████
- All ORM/ORU messages have been send and validated
- All 50 DICOM studies have been send to EI, 8 studies have a validation error (see below)

HL7 migration + patient merge

I did a quick check on a random patient that was merged and the new patient seems to be showing up on the order. So that seems to work.

DICOM migration + patient merge

This is a bit unexpected to me, but if you merge patients, it doesn't seem to be happening in the Siemens PACS. Is that correct ? or only the case during testing ? Because, this will result in 2 lines in EI. The matching logic on DICOM will create a 'temp order' that needs to be manually fixed.

For example, if you search for accession number ██████████ in EI you will see this system. (If the PACS would have send with the new PID, this would be 1 line)

These are the affected StudyUIDs:

██████████
 ██████████
 ██████████
 ██████████
 ██████████
 ██████████
 ██████████
 ██████████

Kind Regards,

██████████ | ██████████
 ██████████
 T ██████████

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██████████ NV, ██████████
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 IBAN Customer Account BE20375104592856 | ING Belgium NV, B-1000 Brussels
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From: Divvela, Venkat (Health) [mailto:Venkat.Divvela@act.gov.au]

Sent: Thursday 5 July 2018 10:19

To: ██████████ ██████████ (Health) <██████████@act.gov.au>; ██████████ ██████████ <██████████>

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

<██████████> Mandapati, Sirisha (Health) <Sirisha.Mandapati@act.gov.au>

Subject: RE: [AUS - ACT] Data extract for Patient Merge test [SEC=UNCLASSIFIED]

Hi ██████████

I have completed the merges and please go ahead for the HL7 and DICOM data to be loaded.
 Please let us know once the loading is complete.

Thanks
 Venkat

From: ██████████ ██████████ (Health)

Sent: Thursday, 5 July 2018 5:10 PM

To: ██████████ ██████████ <██████████>

Cc: Arsavilli, Dev <Dev.Arsavilli@act.gov.au>; ██████████ ██████████ (Health) <██████████> Divvela, Venkat (Health) <Venkat.Divvela@act.gov.au>; ██████████ ██████████ <██████████>

Subject: RE: [AUS - ACT] Data extract for Patient Merge test [SEC=UNCLASSIFIED]

Thanks ██████████

I have included Venkat (our Data Migration tester) in this email.

Venkat will proceed with the patient merges now.

He will write back to you when the merges are completed, giving you a go ahead for the HL7 and DICOM data to be loaded.

Thanks,
 ██████████

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

From: ██████████ ██████████ [mailto:██████████]

Sent: Thursday, 5 July 2018 5:07 PM

To: ██████████ ██████████ <██████████>

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

Subject: [AUS - ACT] Data extract for Patient Merge test [SEC=UNCLASSIFIED]

Hi All,

The patients have now been migrated to EI and Scheduling (over eidc1tstconnect:2333)

From the 14 patients:

- 11 ADT messages have actually been send