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  These are ➜ ██████████████████ '

Kind Regards,

████████████ ██
T████████████████

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

████████████ NV, ████████████████
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

From: ████ ██████
Sent: Thursday 5 July 2018 8:45
To: ███ ████████ <████████████████████
Cc: Arsavilli, Dev <Dev.Arsavilli@act.gov.au>; ████████ ████ (Health) <████████████████████ ████
████████ (Health) <████████████ act.gov.au>; ███ █████ <████████████████
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.

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

Hi █████

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

D:\██████\RIS_PACS_Extract_PatientMergeTest\

Kind Regards,

████████ | ████████s

T +61 3 9756 4645 | F +61 7 3356 6683 | M +████████

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

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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,

████

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

Heland, Rebecca (Health)

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

████████

The Scheduling part is handled by my collegue ██████ (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.

- 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'.

Kind Regards,

████████ | ████████
T ██████████

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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:

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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 ███████1' 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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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:

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██████ █████ | ██████████

T ████ ████████

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T +61 3 9756 4645 | F +61 7 3356 6683 | ████████████

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

5

Heland, Rebecca (Health)

From:	▮▮▮▮▮ ▮▮▮▮ (Health)
Sent:	Friday, 6 July 2018 12:23 PM
To:	▮▮▮ ▮▮▮
Cc:	Arsavilli, Dev; ▮▮▮▮ ▮▮▮ (Health); ▮▮ ▮▮▮▮▮ Mandapati, Sirisha (Health); Divvela, Venkat (Health)
Subject:	RE: [AUS - ACT] Data extract for Patient Merge test [SEC=UNCLASSIFIED]

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

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

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

➜ Not available: 6th July

3

➔ Holiday alert: July 27 th – August 15 th

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http://www.agfahealthcare.com
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From: ████ ██████
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To: ███ █████████ <████████████████████>
Cc: Arsavilli, Dev <Dev.Arsavilli@act.gov.au>; ████████ ████ (Health) <████████████████████████ ████████
████████ (Health) <████████████████act.gov.au>; ████ █████ <███████████████████
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Subject: RE: Data extract for Patient Merge test [SEC=UNCLASSIFIED]

Hi █████

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D:\██████\RIS_PACS_Extract_PatientMergeTest\

Kind Regards,

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████████████ || ████████████████
T +61 3 9756 4645 | F +61 7 3356 6683 | M ████████████████

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

Hi ████

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

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,
Sunitha

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

Heland, Rebecca (Health)

From:	████ ████ (Health)
Sent:	Thursday, 5 July 2018 5:10 PM
To:	███ █████
Cc:	Arsavilli, Dev; ██████ ████ (Health); Divvela, Venkat (Health); ███ ███████
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,

████

██████████ ‖ ██████████████
Mobile : ████████ Email: ███████████ act.gov.au

From: ████ █████ [mailto ███████████████████]
Sent: Thursday, 5 July 2018 5:07 PM
To: ███ ████████ < ████ emanuele@ ████████ >
Cc: Arsavilli, Dev <Dev.Arsavilli@act.gov.au>; ██████ ████ (Health) < ███████████████████████████
██████ (Health ██████████████████████ ███ █████ < ███████████████████
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,

████ █████ ‖ ███████████
██████████████████████
T ████████████

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

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

From: ████ █████
Sent: Thursday 5 July 2018 8:45
To: ███ ████████ < ███████████████████
Cc: Arsavilli, Dev <Dev.Arsavilli@act.gov.au>; ██████ ████ (Health) < ████████████████████████

█████ (Health) <███████████act.gov.au>; ███ █████ <███████████████████
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,

██████████ ██ █████████
█████████ ██
T █████████

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

████████ NV, ████████████████████
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

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

Hi ████

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

D:\████\RIS_PACS_Extract_PatientMergeTest\

Kind Regards,

██████████ ██ █████████
T +61 3 9756 4645 | F +61 7 3356 6683 | ████████████

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

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

Hi ████
As discussed yesterday, I have prepared a test extract to retest the patient merges (Extract has been handed over to
████

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,

▇▇▇▇

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

Heland, Rebecca (Health)

From:	████████ ████ (Health)
Sent:	Thursday, 5 July 2018 1:48 PM
To:	████████████
Cc:	Arsavilli, Dev; ████████ ████ (Health)
Subject:	RE: Data extract for Patient Merge test [SEC=UNCLASSIFIED]

Hi ██████

Some of the patient IDs included in the extract from yesterday have now been merged. Please go ahead with the Patient data load into EI and Scheduling.
Could you please confirm via an email when patient data is successfully loaded into EI and scheduling.

Note:
One of the patient IDs that has been merged is a Patient ID from StudyUID_PatientID.xls (A list of Studies needing DICOM image updates when migrating).
This is to test if the DICOM update works for such Studies that have Patient merges in ACTPAS.

Thanks,

██████

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

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

Hi ██████

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

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,

██████

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

1

Heland, Rebecca (Health)

From:	███████ ████ (Health)
Sent:	Thursday, 5 July 2018 9:55 AM
To:	███████ ████
Cc:	Arsavilli, Dev; ███████ ████ (Health); ███████ ████
Subject:	RE: RIS Extracts and Attachments (2 months) [SEC=UNCLASSIFIED]

Thanks ████
Our RISPACS Admin have cleaned up the SIESDM2 for the attachments work and have reported 151GB of free space for the activity.
I hope the issues with the share will be sorted soon, but thank you for starting the work and extracting the attachments to SIESDM2 in the meantime.

But could we make sure that we keep monitoring the space on SIESDM2. We could also do this work in smaller batches, copying them across before doing new batches if needed.

ι will let the business know about not restarting the servers mentioned below.

Thanks,

████

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

From: ████ ████ [mailto ███████████████]
Sent: Thursday, 5 July 2018 8:53 AM
To: ███████ ███████ (Health) <███████████ act.gov.au>
Cc: Arsavilli, Dev <Dev.Arsavilli@act.gov.au>; ███████ ████ (Health) <██████████████ ████████ ███
<████████████████████████████>
Subject: RE: RIS Extracts and Attachments (2 months) [SEC=UNCLASSIFIED]

Hello ████

was advised by the RIS team that they are still having issues with share but to avoid any further delays they have started the processing of the zSeg documents on SIESDM2.

Therefore, Can you please advise business to not restart the below servers

Servers: SIESDM2 and RIS-APP-1

Thank you

Kind Regards,

███████

Siemens Healthcare Pty Ltd
160 Herring Road
Macquarie Park NSW 2113

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Email: ████████████████
Internet: www.healthcare.siemens.com.au

1

SIEMENS ∴
Healthineers ⋮∴

From: ▮▮▮▮▮ ▮▮▮▮ (Health) [mailto:▮▮▮▮▮▮▮▮act.gov.au]
Sent: Wed, 4 July 2018 4:54 PM
To: ▮▮▮▮ ▮▮▮▮▮▮▮▮▮ ▮▮
Subject: RE: RIS Extracts and Attachments (2 months) [SEC=UNCLASSIFIED]

Hi ▮▮▮▮

Looking at the files listed below, the scans look good. I can see the same scan being created with different names associated to different accession numbers.

I have been busy analysing and resolving some testing issues (on AGFA's end), so haven't had a chance to get these scans downloaded for a thorough check. But from the discussions we have had so far and from what I see in the list below, I am happy to give you a go ahead for the scans.

Hopefully with the share access and confirmation on all kinds of attachments from our end, attachments extraction can now commence on your end.

Thanks,

▮▮▮▮▮

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

From: ▮▮▮▮ ▮▮▮ [mailto▮▮▮▮▮▮▮▮▮▮▮▮▮▮▮▮▮
Sent: Wednesday, 4 July 2018 9:33 AM
To: ▮▮▮▮ ▮▮▮▮ (Health) <▮▮▮▮▮▮▮▮act.gov.au>
Subject: RE: RIS Extracts and Attachments (2 months) [SEC=UNCLASSIFIED]

Hello ▮▮▮▮

Just to let you know that the team has resolved the issue with the scan attachment and should now have unique filename.

The team did not run a full run but did test against the accession numbers you highlighted

The output can be found in the below locations

Scan extract Location: **siesdm2:/data/mnt/syspart01/syngo**
Scans attachment location: **siesdm2:/data/mnt/syspart01/syngo/attachments/scan_documents**

```
siesdm2:/data/mnt/syspart01/syngo # ls
ZSEG  attachments  idoc  scan_attachment.dat  scans
siesdm2:/data/mnt/syspart01/syngo # cd attachments/scan_documents/
siesdm2:/data/mnt/syspart01/syngo/attachments/scan_documents # ls -l
total 1036
-rw-rw-r-- 1 nobody nogroup  22880 Jul  4 01:14 SCAN_6791081_771914.tif
-rw-rw-r-- 1 nobody nogroup  21114 Jul  4 01:14 SCAN_6791081_773125.tif
-rw-rw-r-- 1 nobody nogroup  50402 Jul  4 01:14 SCAN_6791081_854502.tif
-rw-rw-r-- 1 nobody nogroup  22880 Jul  4 01:48 SCAN_6791093_771914.tif
-rw-rw-r-- 1 nobody nogroup  21144 Jul  4 01:14 SCAN_6791093_773124.tif
-rw-rw-r-- 1 nobody nogroup  21632 Jul  4 01:14 SCAN_6791093_773127.tif
-rw-rw-r-- 1 nobody nogroup  21192 Jul  4 01:14 SCAN_6804512_776588.tif
-rw-rw-r-- 1 nobody nogroup  21220 Jul  4 01:14 SCAN_6804512_827617.tif
-rw-rw-r-- 1 nobody nogroup  21192 Jul  4 01:48 SCAN_6804527_776588.tif
-rw-rw-r-- 1 nobody nogroup  22152 Jul  4 01:14 SCAN_6804527_784503.tif
-rw-rw-r-- 1 nobody nogroup  59900 Jul  4 01:14 SCAN_6804527_863860.tif
-rw-rw-r-- 1 nobody nogroup  20604 Jul  4 01:14 SCAN_6805205_776899.tif
-rw-rw-r-- 1 nobody nogroup  20224 Jul  4 01:14 SCAN_6805205_776900.tif
-rw-rw-r-- 1 nobody nogroup 114388 Jul  4 01:14 SCAN_6805205_850265.tif
-rw-rw-r-- 1 nobody nogroup  39338 Jul  4 01:14 SCAN_6805205_850779.tif
-rw-rw-r-- 1 nobody nogroup  17514 Jul  4 01:14 SCAN_6805205_854622.tif
-rw-rw-r-- 1 nobody nogroup  82992 Jul  4 01:14 SCAN_6805205_855008.tif
-rw-rw-r-- 1 nobody nogroup  21618 Jul  4 01:14 SCAN_6805205_855060.tif
-rw-rw-r-- 1 nobody nogroup  39592 Jul  4 01:14 SCAN_6805205_855062.tif
-rw-rw-r-- 1 nobody nogroup  19032 Jul  4 01:14 SCAN_6825055_783353.tif
-rw-rw-r-- 1 nobody nogroup  21742 Jul  4 01:14 SCAN_6825055_784496.tif
-rw-rw-r-- 1 nobody nogroup  20604 Jul  4 01:48 SCAN_7024666_776899.tif
-rw-rw-r-- 1 nobody nogroup 114388 Jul  4 01:48 SCAN_7024666_850265.tif
-rw-rw-r-- 1 nobody nogroup  19032 Jul  4 01:48 SCAN_7044219_783353.tif
-rw-rw-r-- 1 nobody nogroup  97782 Jul  4 01:14 SCAN_7044219_860624.tif
-rw-rw-r-- 1 nobody nogroup  19032 Jul  4 01:48 SCAN_7044239_783353.tif
-rwxrwxr-x 1 nobody nogroup    738 Jul  4 01:48 multi_scan.sh
```

Please review and let me know if this works for you.

Kind Regards,

████ ██████

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160 Herring Road
Macquarie Park NSW 2113

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

SIEMENS
Healthineers

From: ████████████████████████
Sent: Tue, 3 July 2018 10:48 AM
To: ████████ ████████ (Health)'
Subject: RE: RIS Extracts and Attachments (2 months) [SEC=UNCLASSIFIED]

Hello ████

Yes I discussed with the team and I think there shouldn't be a problem generating a unique filename for scans based on Acc_itn and image_itn regardless whether the scan exist elsewhere or not. I have also pointed out the discrepancies you highlighted around this on the latest scan extract.

Hopefully this will fixed.

I will check with the team if the possible to generate a new file and get back to you.

As for the Zseg, we can't start the process until we have the share available to us to dump the files. I am seeing some traction from ████ about this and hopefully he can provide us the details sooner rather than later.

Kind Regards,

████ ████
████████████

Siemens Healthcare Pty Ltd
160 Herring Road
Macquarie Park NSW 2113

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

SIEMENS
Healthineers

From: ████████ ████████ (Health) [mailto ████████████████act.gov.au]
Sent: Tue, 3 July 2018 10:35 AM
To: ████████████████████████
Subject: RE: RIS Extracts and Attachments (2 months) [SEC=UNCLASSIFIED]

Hi ████
Did you get a chance to discuss the fixes to the scan attachments with your team?
Are they OK with the suggested approach?

Will you be sending through a fixed/updated scan attachments extract to finalise the scan attachments before starting work on the bulk extraction of scans?
Has the extraction process for zSegments and Interactive documents commenced yet, I hope the issues with the scans are not causing any delays in getting the other attachment types going.

Thanks,

██████

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

From: ██████████████████████
Sent: Monday, 2 July 2018 11:05 AM
To: ██████ ██████ (Health) <██████████act.gov.au>
Cc: Arsavilli, Dev <Dev.Arsavilli@act.gov.au>; ██████ ██████ (Health) <████████████ ██ █ ██
<████████████████████████

Subject: RE: RIS Extracts and Attachments (2 months) [SEC=UNCLASSIFIED]

Thanks ██████ for the call.

I will run this by the team and get back to you.

Kind Regards,

██████████
████████████

Siemens Healthcare Pty Ltd
160 Herring Road
Macquarie Park NSW 2113

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

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Healthineers

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From: ████████████████████
Sent: Mon, 2 July 2018 10:52 AM
To: ██████ ██████ (Health)'
Cc: Arsavilli, Dev; ██████ ██████ (Health); ████████████████████
Subject: RE: RIS Extracts and Attachments (2 months) [SEC=UNCLASSIFIED]

Hello ██████

I tried calling you but Let me know if I understand this correctly

In other words, only include records in the Scan_attachment file if the record is linked to an accession number within the procedure date/time frame?

Kind Regards,

████ █ ████

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SIEMENS
Healthineers

From: ████████ █████ (Health) [mailto█████████████act.gov.au]
Sent: Mon, 2 July 2018 10:36 AM
To: ██████ ████████████████████
Cc: Arsavilli, Dev; ███████ █████ (Health); ████████████████████████
Subject: RE: RIS Extracts and Attachments (2 months) [SEC=UNCLASSIFIED]

Hi ████

I understand that a scan can be associated to multiple accession numbers and in the database the document itself is identified by a unique scan_image_itn and associated to multiple accession numbers.

In the first extract, such scans that were referenced by multiple accession numbers was incorrectly extracted, the scan was associated to one of the accession numbers only and the others were dropped. A decision was made to create one copy of the document and link it to multiple accession numbers.

█ **The link between Acc_itn████████' and the scanned image is lost**
█ In order to not create multiple documents with the same information. We can create multiple records in the attachment file but all pointing to one file name. Will this be ok?
█ **Yes, that is what is expected, one document but multiple records in the attachment file, one for each accession number**

But when this fix was implemented, there were scanned images that were being referenced by multiple accession numbers whose proc_dtimes were years apart, so the fix had attachment records with accession numbers that did not match the proc_dtime filter criteria.
And below was the solution fix that I had asked for, that your team had agreed to. (I have highlighted this in yellow, this is different to the approach initially agreed on and that is the reason why I had asked in my email, if your team was comfortable doing so)

█**122 scan attachment records have no associated service or procedure records.**
On further analysis I found that these accession numbers did not exist in service and procedure files because they do not fall in the date range of our extraction, but the scanned document is associated to another accession number that does fall in the date range of our extraction.
Example:
Scan_image_itn ██████ **is linked to accession number** ██████ **(proc_dtime in 2016),** ██████**(proc dtime in 2017),** ██████**(proc dtime in 2017)**

The attachments extract includes records for all 3 accession numbers, but service and procedure files include the accession numbers from 2017 only.
I have excluded the 122 records for now, but we will have similar issues when we are doing our bulk and delta extracts, a document migrated as part of bulk extract could be referenced again for an accession number which is part of the delta extract.

My preferred way of handling this would be to create multiple copies of the same document with unique names including the accession number and the scan_image_itn to link to the right attachment extract record.
Please let me know what your team thinks about this and what will be their preferred way of handling it.
█████ Yes, we have the same approach. This is corrected now.

Moreover the recently provided extract was inconsistent in the way such scans associated to multiple accession numbers have been handled.
Example from current extract: (same document created with 2 different names associated to 2 different accession numbers)
Acc_itn Content

███████	SCAN█████████████	9.tif
███████	SCAN█████████████	9.tif
███████	SCAN_███████████	tif
███████	SCAN_███████████	tif

Example from current extract: (document created only once with a unique name and associated to 2 different accession numbers)
Acc_itn Content

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

I have tried my best to explain with examples, but let me know if you would like to discuss this over the phone for better clarity.

Thanks,

█████████

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

From: ███████ ████ [mailto█████████████████████████
Sent: Monday, 2 July 2018 9:39 AM
To: ███████ ██████ (Health) <█████████████act.gov.au>
Cc: Arsavilli, Dev <Dev.Arsavilli@act.gov.au>; ████████ ████ (Health) <████████████████ ████████ ████████
<████████████████████████████████
Subject: RE: RIS Extracts and Attachments (2 months) [SEC=UNCLASSIFIED]

Hello █████

The reason why the numbers do not match is because sometimes multiple accessions are linked to the same image.

So for example, the first example on the list:

█████████ PAS ████████ RP SCAN DOCUMENT REFERRAL SCAN_█████████████tif

Accession numbers ████████ and ███████ share the same image with a unique itn of ███████

Sample from the attachment index file below:

See below feedback/response from a week or two ago around a similar scenario

There are some scanned images that associate to more than one accession numbers. The attachments extract fails to capture this.
One such example:
Scan_image_itn acc_itn type

████████████ REFERRAL
████████████ REFERRAL

But the attachment extract has the following:
FN acc_itn type Code Content
████████ PAS███████ RP SCAN DOCUMENT REFERRAL SCAN ███████████B.tif

The link between Acc_itn █████████' and the scanned image is lost Code fix was deployed for this. In order to not create multiple documents with the same information. We can create multiple records in the attachment file but all pointing to one file name. Will this be ok?
Yes, that is what is expected, one document but multiple records in the attachment file, one for each accession number

Kind Regards,

████████████

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From: ████████ █████ (Health) [mailto██████████████act.gov.au]
Sent: Fri, 29 June 2018 2:22 PM
To: ████████████████████ █
Cc: Arsavilli, Dev; ███████ ████ (Health); ████████████████████████ █
Subject: RE: RIS Extracts and Attachments (2 months) [SEC=UNCLASSIFIED]

Hi █████
I have verified the Scans and the Interactive documents.

Interactive documents: All good (The unwanted types have been excluded.), but could not find dbo.link_itn1, is the name of the table correct?

Scans:
The number of documents (13120) does not match the number of scan records in the attachment extract (13290). Attached is a list of Scan records that are associated to more than one accession numbers that have been incorrectly named/extracted.

Could you get your team to start with the zSegments and the interactive documents while we work on getting the Scans sorted?

Thanks,

███████

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

From: ███████ ████ [mailto:███████████████████████]
sent: Friday, 29 June 2018 1:29 PM
To: ███████ ███████ (Health) <███████████████ act.gov.au>
Cc: Arsavilli, Dev <Dev.Arsavilli@act.gov.au>; ███████ ████ (Health) <███████████████████████ ████ ███
<███████████████████████>
Subject: RE: RIS Extracts and Attachments (2 months) [SEC=UNCLASSIFIED]

Ok not a problem, will do for the folder setup

Do you think we can get an approval by COB today as I would like to get the process around the attachments rolling as that is what takes the most time?

Kind Regards,

███████████

Siemens Healthcare Pty Ltd
160 Herring Road
Macquarie Park NSW 2113

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

SIEMENS
Healthineers

From: ███████ ████ (Health) [mailto:███████████████ act.gov.au]
Sent: Fri, 29 June 2018 10:39 AM

To: ████████████████████████

Cc: Arsavilli, Dev; ████████ (Health); ████████████████████████

Subject: RE: RIS Extracts and Attachments (2 months) [SEC=UNCLASSIFIED]

Thanks ████

I will get back to you as soon as I have had a chance to verify the attachments, they are currently being downloaded.

Also, our testers and our users have verified the scans, idocs and zSeg attachments and are happy with what's being extracted. No issues found.

So once I verify the fixes relating the scans and idocs from the current extract, you should be OK to go ahead with the 100% attachments extraction for the bulk extract.

I request the attachments to be extracted into the following folder structure as specified in the extraction document:

Root Folder name: Attachments

Child folders: Scan_documents, Interactive_documents, zSeg_documents

Moving/Renaming folders with such huge volumes takes too long and I therefore request the documents be provided as expected.

Thanks,

████

████████ | IDIS Data Migration Analyst - UCPH Digital Solutions Program

Mobile : ████████   Email: ████████act.gov.au

From: ████████████████████████████████

Sent: Friday, 29 June 2018 9:37 AM

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

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

Subject: RE: RIS Extracts and Attachments (2 months) [SEC=UNCLASSIFIED]

Hello ████████

Please find responses to your comments below.

Although not required, a re-run was done around relevant documents as we want to make sure that all issues are fixed so we can locked down current scripts/configurations.

Can I please ask you to review once more when you get a moment and let us know if you are happy with the output.

All documents can be picked up from: SIESDM2: /data/mnt/syspart01/syngo

```
Jun 26 07:19 zseg
Jun 29 06:04 attachment_idocs.dat
Jun 29 04:56 attachment_scans.dat
Jun 26 07:57 attachment_zseg.dat
Jun 11 23:01 doctors.rpt
Jun 26 07:52 exam.dat
Jun 27 03:09 exam_attachment.dat
Jun 29 06:01 idoc
Jun 26 07:54 patients.dat
Jun 19 01:18 result_attachment.dat
Jun 19 01:18 results.dat
Jun 29 03:40 scans
Jun 26 07:53 service.dat
```

Kind Regards,

Siemens Healthcare Pty Ltd
160 Herring Road
Macquarie Park NSW 2113

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

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From: ████████████████████████
Sent: Thu, 28 June 2018 4:08 PM
To: ████████ ██████ (Health)'
Cc: Arsavilli, Dev; ████████ ██████ (Health); ████████████████████████████████
Subject: RE: RIS Extracts and Attachments (2 months) [SEC=UNCLASSIFIED]

Understood, will keep you posted.

Kind Regards,

██████████████

emens Healthcare Pty Ltd
160 Herring Road
Macquarie Park NSW 2113

Tel: +61 (0) 2 9491 5009

Email: ████████████████████████
Internet: www.healthcare.siemens.com.au

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From: ████ ████ (Health) [mailto████████act.gov.au]
Sent: Thu, 28 June 2018 4:06 PM
To: ████████████████
Cc: Arsavilli, Dev; ████ ████ (Health); █████████████████
Subject: RE: RIS Extracts and Attachments (2 months) [SEC=UNCLASSIFIED]

Hi ██

No, we will not be waiting for these fixes to proceed with our testing, but we will want this to be finalised before we start our bulk attachments extract next week.

Thanks,

████

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

From: ████ ████ [mailto███████████████████]
Sent: Thursday, 28 June 2018 4:02 PM
To: ████ ████ (Health) <████████act.gov.au>
Cc: Arsavilli, Dev <Dev.Arsavilli@act.gov.au>; ████ ████ (Health) <██████████████ ██
<████████████████
Subject: RE: RIS Extracts and Attachments (2 months) [SEC=UNCLASSIFIED]

Thank you ████ for the feedback, I will discuss with the team and get back to you

In the meantime, are you ok to proceed with your test cycle 5 or are you waiting on any of this to be fixed?

Kind Regards,

████████

Siemens Healthcare Pty Ltd
160 Herring Road
Macquarie Park NSW 2113

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

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Healthineers

🌲 Please consider the environment before printing this email

From: ████ ████ (Health) [mailto████████act.gov.au]
Sent: Thu, 28 June 2018 3:36 PM
To: ████████████████
Cc: Arsavilli, Dev; ████ ████ (Health); █████████████████
Subject: RE: RIS Extracts and Attachments (2 months) [SEC=UNCLASSIFIED]

Hi ▮▮

Thanks for the updated RIS extract, most of the issues have been fixed, but for the following

Interactive document types VRTRAN and VCONSC have been extracted, these types are to be excluded (they did not exist in the previous extract, they seem to have been included while extracting the documents for cancelled exams) Also could you please indicate where in the database do the interactive documents for cancelled exams get extracted from? (I use temp_idoc and user_event_log tables to get the information for completed exams)
▮▮ This should now be fixed. For the cancel ones we are using the "user_Event_log" and the "user_event" tables linking by the "link_itn1"

122 scan attachment records have no associated service or procedure records.
On further analysis I found that these accession numbers did not exist in service and procedure files because they do not fall in the date range of our extraction, but the scanned document is associated to another accession number that does fall in the date range of our extraction
Example:
Scan_image_itn ▮▮▮▮ linked to accession ▮▮▮▮▮▮ (proc_dtime in 2016) ▮▮▮▮ (proc dtime in 2017), ▮▮▮▮ (proc dtime in 2017)
The attachments extract includes records for all 3 accession numbers, but service and procedure files include the accession numbers from 2017 only.

I have excluded the 122 records for now, but we will have similar issues when we are doing our bulk and delta extracts, a document migrated as part of bulk extract could be referenced again for an accession number which is part of the delta extract?
▮▮ This should now be fixed. A re-run all the scans and all idocs is available for your review.

My preferred way of handling this would be to create multiple copies of the same document with unique names including the accession number and the scan_image_itn to link to the right attachment extract record.
Please let me know what your team thinks about this and what will be their preferred way of handling it.
▮▮ Yes, we have the same approach. This is corrected now.

Also found 3 scan documents that do not exist in the DB copy that I have (backup from May 2018)
SCAN ▮▮▮▮▮▮ .tif
SCAN ▮▮▮▮▮▮ 0.tif
SCAN ▮▮▮▮▮▮ 7.tif
This looks like a similar case as explained above, a document created recently linked to an old accession number. Could you please verify this for me?
▮▮ This should be ok now.

Thanks,
▮▮

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

From: ▮▮▮▮ ▮▮ (Health)
Sent: Monday, 25 June 2018 3:45 PM
To: ▮▮▮▮ ▮▮▮ <▮▮▮▮▮▮▮▮▮▮▮▮▮▮▮▮▮▮>
Cc: Arsavilli, Dev <Dev.Arsavilli@act.gov.au>; ▮▮▮▮ ▮▮▮ (Health) <▮▮▮▮▮▮▮▮▮▮▮▮▮▮▮ ▮▮▮▮▮▮ <▮▮▮▮▮▮▮▮▮▮▮▮▮▮▮▮▮▮▮▮>
Subject: RE: RIS Extracts and Attachments (2 months) [SEC=UNCLASSIFIED]

Hi ▮▮
Please see my comment below in purple regarding the missing results for cancelled exams.
Thanks,
▮▮

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

From: ████████ ████ (Health)
Sent: Friday, 22 June 2018 10:30 AM
To: ████████ ███ <████████████████████████████████>
Cc: Arsavilli, Dev <Dev.Arsavilli@act.gov.au>; ████████ ███ (Health) <████████████████ ██ █████ █
<████████████████████████████████>
Subject: RE: RIS Extracts and Attachments (2 months) [SEC=UNCLASSIFIED]

Hi ████
Sorry for the late reply.
Please see my comments below.

Thanks,
████████

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

From: ████████ ████ [mailto:████████████████████████████]
Sent: Thursday, 21 June 2018 10:56 AM
To: ████████ ████ (Health) <████████████████ act.gov.au>
Cc: Arsavilli, Dev <Dev.Arsavilli@act.gov.au>; ████████ ███ (Health) <████████████████ ██ █████ █
<████████████████████████████████>
Subject: RE: RIS Extracts and Attachments (2 months) [SEC=UNCLASSIFIED]

Hello ████████

Can you please provide some clarity around the latest round of issues.

Service and Exam files had a duplicate header row in the extract file (last row was a header row), I have corrected this myself and have loaded the file successfully. Corrected

The following accession numbers are missing extracted result records (exists in the DB but not extracted)
████████ – Question about this accession number was raised previously as well
████████ – all these below cancelled exams seem to have signed off reports, why was this not extracted?
████████
████████
████████
████████

████████ All these exams are orphaned exams. Not sure why these exams are the way they are as the process seem backwards from the results and this cannot be done. None of these exams contain a row in the historical exam tables (activity, activity_info), which are a requirement for any exam that has a result. This is not allowed in the system. Can you please check with business and work out how these exams ended up in this situation? I will check with the business and let you know
SS – Business has confirmed that the above exams have no report bodies to be extracted. No correction needed.

The following accession numbers do not have an associated Study_UID (exists in the DB but not extracted)
██C
████████████████████████
████████████████████████

These are cancelled exams with associated studies, why was this not extracted? Corrected

Scanned docs, interactive docs and zSeg docs for cancelled exams have not been included. Working on this

Following accession numbers do not have the outside film and scheduling notes text attachment data: we are not sure on this one. Cancelled exams with no historical details will not have outside films. And we do not see any scheduling notes for the exams below. What is your expectation here?

On further analysis, I found the Attachments content for the above exams did have the outside film and scheduling details, but the data itself had a carriage return, which meant the data from the column was split into multiple rows. In future could carriage returns be replaced with a space (' ') and any pipes(|) in the data be escaped as '\F\'

StudyStatus mapping for cancelled exams should be 'CA', the extract has it mapped as 'CN' Corrected. ScheduledStudyDateTime(Procedure extract) for cancelled exams to be mapped to visit_activity.ord_for_dtime, this is a mandatory field in AGFA, so cannot be left blank, business decision is to map it to ord_for_dtime (not specified in the specifications as mapping has not been included as part of the document) Corrected.

Kind Regards,

Siemens Healthcare Pty Ltd
160 Herring Road
Macquarie Park NSW 2113

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

SIEMENS
Healthineers `⋅⋅⋅`

From: █ █ (Health) [mailto███act.gov.au]
Sent: Wed, 20 June 2018 11:40 AM
To: ███
Cc: Arsavilli, Dev; █ █ (Health); ███
Subject: RE: RIS Extracts and Attachments (2 months) [SEC=UNCLASSIFIED]

Hi █
Thanks for the extracts and sorry for the late feedback.

The extracts look good but they do have a few issues as described below:

Service and Exam files had a duplicate header row in the extract file (last row was a header row), I have corrected this myself and have loaded the file successfully.

The following accession numbers are missing extracted result records (exists in the DB but not extracted)

██████ – Question about this accession number was raised previously as well

██████ - all these below cancelled exams seem to have signed off reports, why was this not extracted?

██████
██████
██████
██████
██████

The following accession numbers do not have an associated Study_UID (exists in the DB but not extracted)

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

These are cancelled exams with associated studies, why was this not extracted?

Scanned docs, interactive docs and zSeg docs for cancelled exams have not been included.

Following accession numbers do not have the outside film and scheduling notes text attachment data:

██████
██████
██████
██████

StudyStatus mapping for cancelled exams should be 'CA', the extract has it mapped as 'CN'
ScheduledStudyDateTime(Procedure extract) for cancelled exams to be mapped to visit_activity.ord_for_dtime, this is a mandatory field in AGFA, so cannot be left blank, business decision is to map it to ord_for_dtime (not specified in the specifications as mapping has not been included as part of the document)

Could you please look into these and get them fixed
Thanks,

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

From: ██████ ██████ (Health)
Sent: Wednesday, 13 June 2018 4:01 PM
To: ██████ ██████ <████████████████████████>
Cc: ██████ ██████ <████████████████████████████████ Arsavilli, Dev <Dev.Arsavilli@act.gov.au>;
██████ ██████ (Health) <████████████████████
Subject: RE: RIS Extracts and Attachments (2 months) [SEC=UNCLASSIFIED]

Hi ██████
Just found one additional issue with the Procedure extract:
Study details for acc_itn = ██████ has not been correctly extracted. The DB has 2 confirmed studies for the accession number, the extract has one row with accession number = '██████' and Study_UID = ''. Could you get this checked?

I have completed all my verification checks on RIS, this email trail has a complete list of all RIS issues found so far.

I will send you a separate email for the additional PACS records needed.

Thanks,

██████

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

From: ██████ ██████ (Health)
Sent: Wednesday, 13 June 2018 11:41 AM
To: █████ ████ <████████████████████████████
Cc: ██████ ███ (Health) <████████████████████████ Arsavilli, Dev <Dev.Arsavilli@act.gov.au>
Subject: RE: RIS Extracts and Attachments (2 months) [SEC=UNCLASSIFIED]

Hi ████
Below are my findings for the text attachments data.
Please pass this on to your team and let me know if you need any further clarifications.

Still to match the RIS and PACS extract for the given period, I will get back to you with any feedback on that.

1. Scheduling notes 1, 2, 3 and 4 not extracted

2. MBSCodes mapping not as expected:
For Exams, where the procedure is mapped to multiple cpt_codes, the codes haven't been extracted as expected:
Example:
Acc_itn dtl_svc_code cpt_code1 cpt_code2 cpt_code3 Attachment.content
██
Only 2 of the codes extracted out of 4

For Exams, where the procedure is mapped to a customised cpt_code(mapping in cpt_data, cpt_codes), the code has not been extracted
Example:
Acc_itn dtl_svc_code cpt_codes.cpt_code Attachment.content
██████MustCode████MBSCodes:Mustcode
The customised code mapping has not been extracted

3. Cancellation reason not extracted
Example
Acc_itn cancellation dtime init Reason Attachment.content
██████1 2017-06-26 16:25:00 CJP CHANGE OF EXAM FOR CORRECT CHARGING CANCELLATION_REASON:

4. Outside film not extracted:
25 Acc_itns found in the extract that should have been mapped as 'Y', the remaining data should have been mapped ; 'N'
Below are a few examples

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

5. Addendum by details not extracted:
Example
Acc_itn addendum dtime addendum by Attachment.content
█████████████████14:46:00 006662 ADDENDUM_BY_DETAILS:

Thanks,
████████

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

From: ██████ ██████ (Health)
Sent: Tuesday, 12 June 2018 5:36 PM

To: ██████ ███ <██████████████████████████████>
Cc: ███████ ████ (Health) <███████████████████████ Arsavilli, Dev <Dev.Arsavilli@act.gov.au>
Subject: RE: RIS Extracts and Attachments (2 months) [SEC=UNCLASSIFIED]

Hi ████
Thanks for the extracts:

My feedback is as follows

1. Data for cancelled exams (data from dbo.visit_activity) has not been extracted.

2. Linked studies should have been excluded, but have been included in the below extract:
All rows marked with a study status 'L' should have been excluded

acc_itn	Study_UID	Study Status
██████	████████████████████████████████	█
██████	████████████████████████████████	█
██████	████████████████████████████████	█
██████	████████████████████████████████	█
██████	████████████████████████████████	█
██████	████████████████████████████████	█
██████	████████████████████████████████	█
██████	████████████████████████████████	█
██████	████████████████████████████████	█
██████	██████████████████████████████	█
██████	██████████████████████████████	█
██████	████████████████████████████████	█
██████	████████████████████████████████	█
██████	██████████████████████████████	█
██████	████████████████████████████	█
██████	████████████████████████	█
██████	████████████████████	█
██████	████████████████████████████████	█

3. Result not extracted for acc_itn = ████████ (is this a one with the incorrect header template)?

4. There are some scanned images that associate to more than one accession numbers. The attachments extract fails to capture this.
One such example:
Scan_image_itn acc_itn type
████████████ REFERRAL
████████████ REFERRAL

But the attachment extract has the following:
FN acc_itn type Code Content
████████ PAS████████ RP SCAN DOCUMENT REFERRAL SCAN_████████████████.tif

The link between Acc_itn ████████' and the scanned image is lost

5. Duplicate rows of text attachments where code = 'Migrated_reptdata'

6. Accession numbers in text attachments have been sequenced (.02,.03) – no sequencing needed, one attachment to be produced for every accession number.

7. Text attachment content format not as expected:
Example:
Financial Class code to be extracted not description, extract has 'MEDICARE SHARED', but it should have 'B9'
Pregnancy mapping, extract has ('Y','N','U'), expected values ('yes','no','unknown')
Exam sub division mapping, extract has ('L','R','B'), expected values ('left','right','bilateral')
Please refer to mapping and example in the extraction specifications for all of the above

I haven't had a chance to look at the data and format of MIGRATED_PROCDATA and MIGRATED_REPTDATA yet, I will check them soon and give you my feedback.
I will also be working on any mismatches between RIS and PACS data, data extracts for any identified mismatches will have to be provided.

Let me know if you would like to discuss some of this over the phone for further clarification. We could arrange to talk sometime tomorrow.

Thanks,

██████

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

From: Arsavilli, Dev
Sent: Tuesday, 12 June 2018 12:53 PM
To: ██
██████████████████████
Cc: ████████ (Health) <████████████████ Crossley, Nick <Nick.Crossley@act.gov.au>; ████████
███ <████████████████████████
Subject: RE: RIS Extracts and Attachments (2 months) [SEC=UNCLASSIFIED]

Hi ████
Thank you for helping us with this.
██████ is looking in to this and hope that there will not be any issues.

nd Regards,

Dev

--
Dev Arsavilli | Project Manager
Phone: 02 6174 8729 | Mobile ████████ | 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: ████████ [mailto████████████████████
Sent: Tuesday, 12 June 2018 12:37 AM
To: ████████ (Health) <████████████act.gov.au>
Cc: ████████ (Health) <████████████████ Crossley, Nick <Nick.Crossley@act.gov.au>; Arsavilli, Dev
<Dev.Arsavilli@act.gov.au>; ████████ <████████████████████
Subject: RIS Extracts and Attachments (2 months)

Hello ██████

Just to let you know that RIS attachments and extracts are now available.

All documents can be picked up from: SIESDM2: /data/mnt/syspart01/syngo

```
Jun  8 05:02 ZSEG
Jun 11 23:02 attachment_idocs.dat
Jun 11 23:03 attachment_scans.dat
Jun 11 23:03 attachment_zseg.dat
Jun 11 23:01 doctors.rpt
Jun 11 23:04 exam_attachment.dat
Jun 11 23:04 exams.dat
Jun  7 11:46 idoc
Jun 11 23:05 patients.dat
Jun 11 23:05 result_attachment.dat
Jun 11 23:06 results.dat
Jun  7 10:33 scans
Jun 11 23:06 service.dat
```

Please let me know if you have any issues.

Kind Regards,

██████████

Siemens Healthcare Pty Ltd
160 Herring Road
Macquarie Park NSW 2113

Tel: +61 (0) 2 9491 5009
Mobile: ███████████
Email: ███████████healthineers.com
Internet: www.healthcare.siemens.com.au

SIEMENS
Healthineers

From: ████████ ██████ (Health) [mailto███████████act.gov.au]
Sent: Wed, 6 June 2018 2:45 PM
To: ████ ███ ████████████ ██████ ████ (Health)
Cc: Crossley, Nick; Arsavilli, Dev; █████ ████████████
Subject: RE: Today's call [SEC=UNCLASSIFIED]

Hi ████
We should be OK to meet on Friday.
If you do have any further updates on the RIS extracts/attachments, please do let us know.
Thanks,

████

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

From: ███ ███ [mailto███████████████████████]
Sent: Wednesday, 6 June 2018 2:36 PM
To: ███████ ███ (Health) <████████████act.gov.au>; ████████ (Health)
<███████████████████
Cc: Crossley, Nick <Nick.Crossley@act.gov.au>; Arsavilli, Dev <Dev.Arsavilli@act.gov.au>; ██████ ███
<███████████████████████████
Subject: Today's call

Hello ██████ and ████

Apologies for being late to the call as meeting got moved by the time I tried to join in.

I am available now if you want to have a call instead of Friday.

Kind Regards,

████ ████

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Internet: www.healthcare.siemens.com.au

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Heland, Rebecca (Health)

From:	███ ███ < ████████████████████
Sent:	Thursday, 5 July 2018 8:53 AM
To:	████████ ████ (Health)
Cc:	Arsavilli, Dev; ████████ ████ (Health); ████████ ████
Subject:	RE: RIS Extracts and Attachments (2 months) [SEC=UNCLASSIFIED]

Hello ████

I was advised by the RIS team that they are still having issues with share but to avoid any further delays they have started the processing of the zSeg documents on SIESDM2.

Therefore, Can you please advise business to not restart the below servers

Servers: SIESDM2 and RIS-APP-1

Thank you

Kind Regards,

████ ████ ─

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🌲 **Please consider the environment before printing this email**

From:	████████ ████ (Health) [mailto ████████████ act.gov.au]
Sent:	Wed, 4 July 2018 4:54 PM
To:	████████████████████████
Subject:	RE: RIS Extracts and Attachments (2 months) [SEC=UNCLASSIFIED]

Hi ████
Looking at the files listed below, the scans look good. I can see the same scan being created with different names associated to different accession numbers.
I have been busy analysing and resolving some testing issues (on AGFA's end), so haven't had a chance to get these scans downloaded for a thorough check. But from the discussions we have had so far and from what I see in the list below, I am happy to give you a go ahead for the scans.

Hopefully with the share access and confirmation on all kinds of attachments from our end, attachments extraction can now commence on your end.

Thanks,

█████

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

From: █████ ████ [mailto█████████████████████████
Sent: Wednesday, 4 July 2018 9:33 AM
To: ████████ ██████ (Health) <█████████████ act.gov.au>
Subject: RE: RIS Extracts and Attachments (2 months) [SEC=UNCLASSIFIED]

Hello █████

Just to let you know that the team has resolved the issue with the scan attachment and should now have unique filename.

The team did not run a full run but did test against the accession numbers you highlighted

The output can be found in the below locations

Scan extract Location: **siesdm2:/data/mnt/syspart01/syngo**
Scans attachment location: **siesdm2:/data/mnt/syspart01/syngo/attachments/scan_documents**

```
siesdm2:/data/mnt/syspart01/syngo # ls
ZSEG  attachments  idoc  scan_attachment.dat  scans
siesdm2:/data/mnt/syspart01/syngo # cd attachments/scan_documents/
siesdm2:/data/mnt/syspart01/syngo/attachments/scan_documents # ls -l
total 1036
-rw-rw-r-- 1 nobody nogroup  22880 Jul  4 01:14 SCAN_6791081_771914.tif
-rw-rw-r-- 1 nobody nogroup  21114 Jul  4 01:14 SCAN_6791081_773125.tif
-rw-rw-r-- 1 nobody nogroup  50402 Jul  4 01:14 SCAN_6791081_854502.tif
-rw-rw-r-- 1 nobody nogroup  22880 Jul  4 01:48 SCAN_6791093_771914.tif
-rw-rw-r-- 1 nobody nogroup  21144 Jul  4 01:14 SCAN_6791093_773124.tif
-rw-rw-r-- 1 nobody nogroup  21632 Jul  4 01:14 SCAN_6791093_773127.tif
-rw-rw-r-- 1 nobody nogroup  21192 Jul  4 01:14 SCAN_6804512_776588.tif
-rw-rw-r-- 1 nobody nogroup  21220 Jul  4 01:14 SCAN_6804512_827617.tif
-rw-rw-r-- 1 nobody nogroup  21192 Jul  4 01:48 SCAN_6804527_776588.tif
-rw-rw-r-- 1 nobody nogroup  22152 Jul  4 01:14 SCAN_6804527_784503.tif
-rw-rw-r-- 1 nobody nogroup  59900 Jul  4 01:14 SCAN_6804527_863860.tif
-rw-rw-r-- 1 nobody nogroup  20604 Jul  4 01:14 SCAN_6805205_776899.tif
-rw-rw-r-- 1 nobody nogroup  20224 Jul  4 01:14 SCAN_6805205_776900.tif
-rw-rw-r-- 1 nobody nogroup 114388 Jul  4 01:14 SCAN_6805205_850265.tif
-rw-rw-r-- 1 nobody nogroup  39338 Jul  4 01:14 SCAN_6805205_850779.tif
-rw-rw-r-- 1 nobody nogroup  17514 Jul  4 01:14 SCAN_6805205_854622.tif
-rw-rw-r-- 1 nobody nogroup  82992 Jul  4 01:14 SCAN_6805205_855008.tif
-rw-rw-r-- 1 nobody nogroup  21618 Jul  4 01:14 SCAN_6805205_855060.tif
-rw-rw-r-- 1 nobody nogroup  39592 Jul  4 01:14 SCAN_6805205_855062.tif
-rw-rw-r-- 1 nobody nogroup  19032 Jul  4 01:14 SCAN_6825055_783353.tif
-rw-rw-r-- 1 nobody nogroup  21742 Jul  4 01:14 SCAN_6825055_784496.tif
-rw-rw-r-- 1 nobody nogroup  20604 Jul  4 01:48 SCAN_7024666_776899.tif
-rw-rw-r-- 1 nobody nogroup 114388 Jul  4 01:48 SCAN_7024666_850265.tif
-rw-rw-r-- 1 nobody nogroup  19032 Jul  4 01:48 SCAN_7044219_783353.tif
-rw-rw-r-- 1 nobody nogroup  97782 Jul  4 01:14 SCAN_7044219_860624.tif
-rw-rw-r-- 1 nobody nogroup  19032 Jul  4 01:48 SCAN_7044239_783353.tif
-rwxrwxr-x 1 nobody nogroup    738 Jul  4 01:48 multi_scan.sh
```

Please review and let me know if this works for you.

Kind Regards,

█████ █████

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From: ████████████████████ █
Sent: Tue, 3 July 2018 10:48 AM
To: ████████ ██████ (Health)'
Subject: RE: RIS Extracts and Attachments (2 months) [SEC=UNCLASSIFIED]

Hello █████

Yes I discussed with the team and I think there shouldn't be a problem generating a unique filename for scans based ⸗n Acc_itn and image_itn regardless whether the scan exist elsewhere or not. I have also pointed out the ⸗iscrepancies you highlighted around this on the latest scan extract.

Hopefully this will fixed.

I will check with the team if the possible to generate a new file and get back to you.

As for the Zseg, we can't start the process until we have the share available to us to dump the files. I am seeing some traction from ████ about this and hopefully he can provide us the details sooner rather than later.

Kind Regards,

█████ █████

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