Argus 6 – For Client End Users ZEDMED USER MANUAL



25 March 2015 Version 1.0

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DOCUMENT HISTORY

Version	Release Date	Modified By	Description
0-1	20 Feb 2014	Laurence Carter & Joshua Strom	Initial draft
0-2	21 Feb 2014	Anna Kirsteuer	Initial Review
0-3	07 Mar 2014	Tania Oldaker	Review
0-4	12 Mar 2014	Anna Kirsteuer	Review
1-0	12 Mar 2014	Joshua Strom	Final version for use
1-0	04 Sep 2014	Col Burton	Editing branding
1-0	24 Sep 2014	Anna Kirsteuer	Final Review

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PRFFACE

1.1 About Us

Argus Connecting Care operates to deploy, install, support and develop Argus, a computer program that enables health service providers to securely exchange clinical documents between their computer systems. Argus seamlessly integrates with existing clinical software and speeds up reporting processes, saving time and resources as well as encouraging co-operation between providers.

Our aim at Argus is to offer a common messaging option for all Australian healthcare providers which is equally available and affordable to anyone, whilst adhering to principles of open standards, transparency of technology, and interoperability.

Argus has a charter to serve the Australian healthcare community by providing secure messaging facilities which maximise the efficiency of delivery of healthcare by the sharing of clinical information between providers at as low a cost as possible, as seamlessly as possible.

1.2 Help and Support

Argus provides a central point of contact for software assistance and the resolution of software issues. As part of this, Argus offers a variety of professional services, online resources, and availability to experienced product specialists who are ready to action your service requests.

Contact Information:

Web: https://www.argusconnect.com.au/content/contact-us

Phone: 03 9037 1000

1.3 Feedback

To help us improve what we offer you, Argus would like your feedback (positive and negative) about this guide, and about any other aspect of our products. Please email your feedback to argus@argusconnect.com.au

1.4 Who should use this document

This document is intended for use after a formal Argus Training session or webinar. This is a detailed step by step guide with relation to using Argus alongside Zedmed.

Intended Audience: Argus End Users with a functioning Zedmed System and Basic, Intermediate, Advanced working knowledge of IT systems.

- Clinical Managers
- Administrators
- Practitioners
- Medicare Locals



2. INTRODUCTION

2.1 What Is Argus

Argus is encryption software that facilitates secure electronic communication of patient related information between healthcare providers.

For practitioners with a Patient Management System or Clinical software, electronic correspondence can be viewed and filed electronically against a patient file, saving time opening envelopes, scanning documents and maintaining paper files.

Argus is developed to NEHTA's Secure Message Delivery (SMD) specification published by Standards Australia providing end to end SMD delivery. Backward compatible, Argus ensures healthcare providers at varying stages of eHealth adoption can continue to communicate.

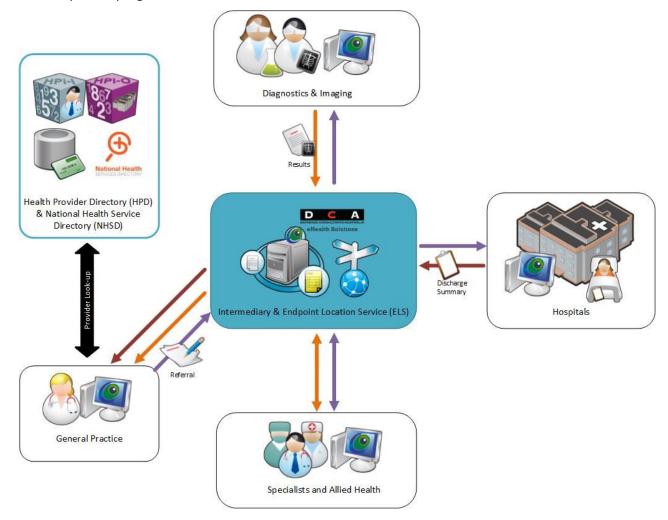
2.2 How Argus Works

Argus enables healthcare providers to electronically exchange clinical documents securely via encrypted email or SMD reducing the costs associated with stationery, printing, faxing and posting reports. Electronic transmission speeds up the delivery of patient information whilst providing clarity that is often lost with poor handwriting and fax rendering.



2.3 Who Does It Let Me Communicate with

Used by Allied Health, General Practitioners, Hospitals, Practice Nurses, Pathology, Radiology and Specialists to name a few, Argus enables communication between health and care professionals delivering admission notifications, medication reviews, care plans, event notifications, ED and discharge summaries, reports, referrals, patient progress notes.



BASIC ARGUS FUNCTIONALITY

3.1 Confirming readiness of other Argus users to receive electronically

- 1. It's important to contact the Practice in person prior to your first electronic message to them to confirm that they have integrated receiving electronic messaging into their Practice routine.
- 2. In most instances they will have done this, however it is important to clarify.

3.2 Adding a Recipient to your Argus Address Manager

- 1. To be able to send to other Argus recipients you must first add them to your local **Argus Address Manager**.
- 2. Access the **Argus Address Manager** by double-clicking on the icon (normally on the Desktop of the computer which has Argus installed). The icon looks like this:



3. Default username is argus and default password is argus.

IMPORTANT NOTE:

We recommend your username and password is personalised. If this has not already been done please contact the Argus Support Team on 03 9307 1000

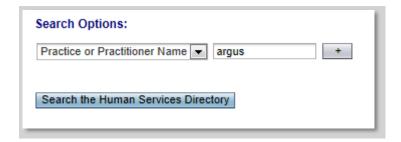
4. To look-up Argus recipients you need to click on Add Addresses



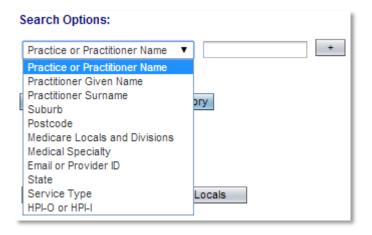
5. Type in the name (or part name) of the practitioner or practice you'd like to add (in the example shown below the search term is "argus"), then click on the **Search the Human Services Directory** (all Argus users are listed in this national directory)

Tip: Do not enter a search term and hit the Enter key – you need to click the **Search the Human Services Directory** button to return results





Note: that you can also click on the drop-down showing **Practice or Practitioner** name to choose a different way to search the Directory, as shown here:



6. In the results list click in the checkbox next to the required practitioner(s) name so the box(es) now contain a tick, and then click on the **Add selected entries to Address Book** button, as shown here:



- 7. Repeat the process to populate your address book with all the practitioners to which you wish to send to.
- 8. Click on Return to SMD Address Book:

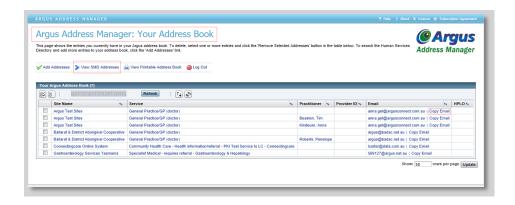




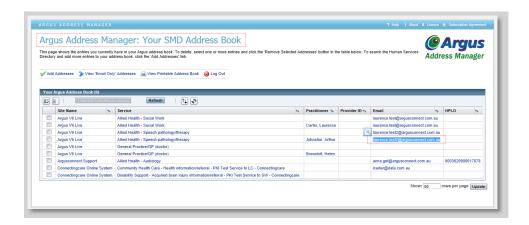
9. Back at your Argus Address Book screen you need to copy the email for a Practitioner (before switching over to Medical Director to create or update their Address book entry to ensure you can send to them electronically from within Medical Director).

You should note that the Argus Address Book has two ways to view your entries.

The first way as shown here is titled **Your Address Book**, this will display Practices that are still using Argus 5 and whom are not SMD complaint. You will notice a **Copy Email** link next to each Practitioner email address, as highlighted:



The second way is titled **Your SMD Address Book** and is accessed by clicking on the **View SMD Addresses** link, as highlighted above. Your SMD Address Book will list other sites that have also upgraded to Argus 6. As shown below this view does not include the **Copy Email** link, so you have to select the email and copy to the clipboard:



IMPORTANT NOTE:

Argus 6 is backward compatible, this means that you will be able to send and receive from other Argus users regardless of which version they have installed. These address books will be merged in a later release of Argus 6.



USING ARGUS WITH ZEDMED

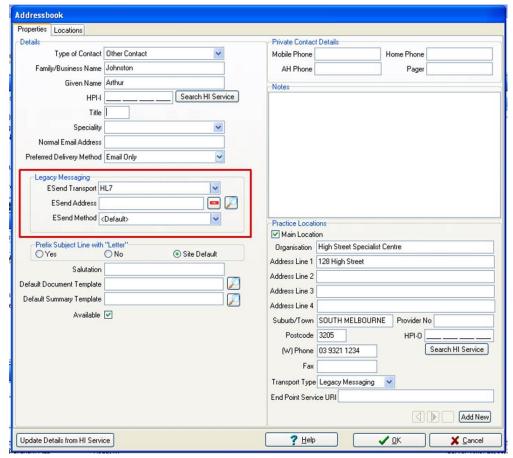
4.1 How to setup an Argus recipient as a Contact in the Zedmed Address Book

IMPORTANT NOTE:

Sites that have ZedMed 20.x.x and above with Argus 5.0.10 or above are to be configured to use 'HL7' ESend Transport.

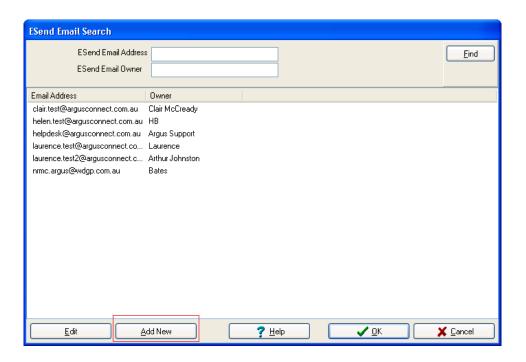
Sites with versions below these are to be configured to use 'PIT' ESend Transport.

- 1. The step above has copied the Practitioner's Argus email address to the clipboard.
- 2. Open Zedmed's Address Book.
- 3. In this example we will be adding a New Entry (this will also provide you with the details to allow you to update or check an existing Entry)
- 4. Fill out the standard details, as illustrated:



- 5. To add the Argus email address click on the Magnifying glass button within the **Legacy Messaging** section, as highlighted above.
- 6. In the window that appears click on the Add New button, as highlighted:



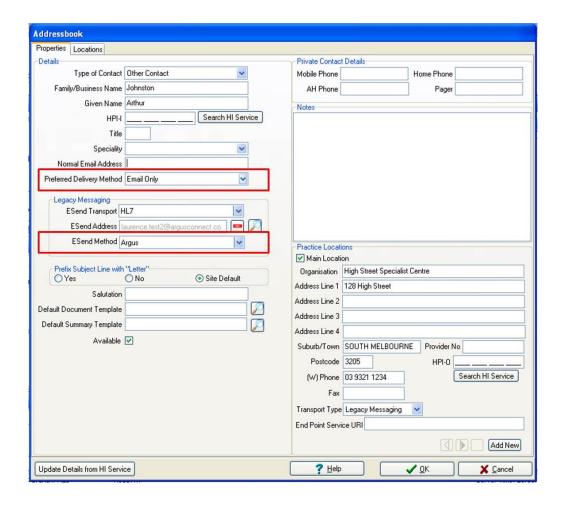


7. Paste the Argus email address into the **ESend Email Address** field, and enter the Practice Name into the **ESend Email Owner** field, then click OK.



- 8. Click OK again
- 9. Back in the Address book entry please make sure:
 - Preferred Delivery Method is set to Email Only, or Hardcopy Letter and Email if required
 - Esend Method is set to Argus.

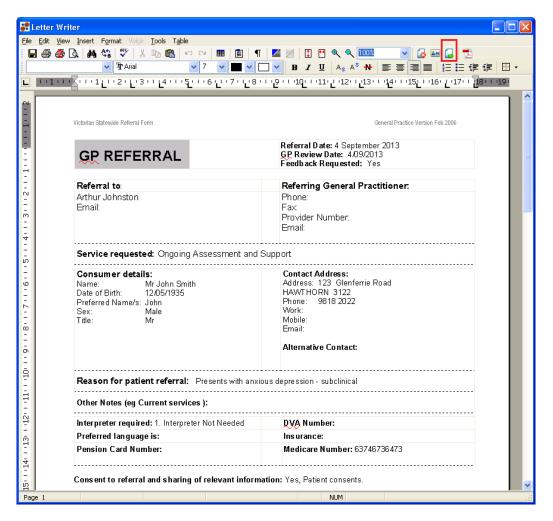




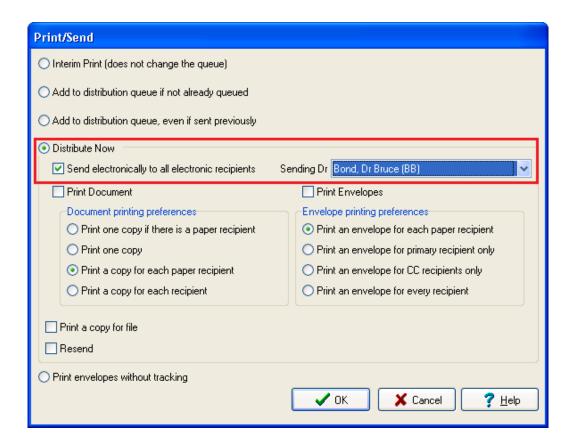
10. Click **OK** to finish.

4.2 Sending a letter via Argus in Zedmed

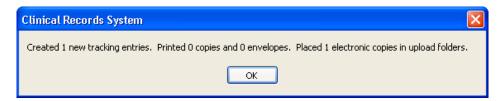
1. Complete the letter and then click on the **Distribute** button in the toolbar, as highlighted:



2. In the window that appears select the **Send electronically to all electronic recipients** option as highlighted here:

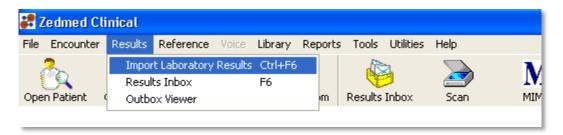


- 3. If required you can also select the **Print Document** option and choose your preference.
- 4. If you do 'batch sending' click on one of the **Add to distribution queue** options.
- 5. If your 'document properties' were set correctly Zedmed will inform you of its success, as shown below. If the 'document properties' are incorrect, Zedmed will tell you to fix those options first.

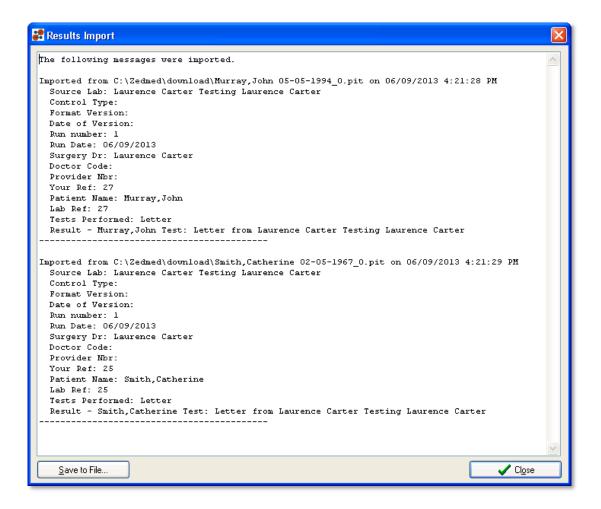


4.3 Receiving incoming messages in Zedmed

1. The first step is to choose the **Import Laboratory Results** menu item from the **Results** menu, as shown:



2. You will see a window like this – click Close after reviewing details:

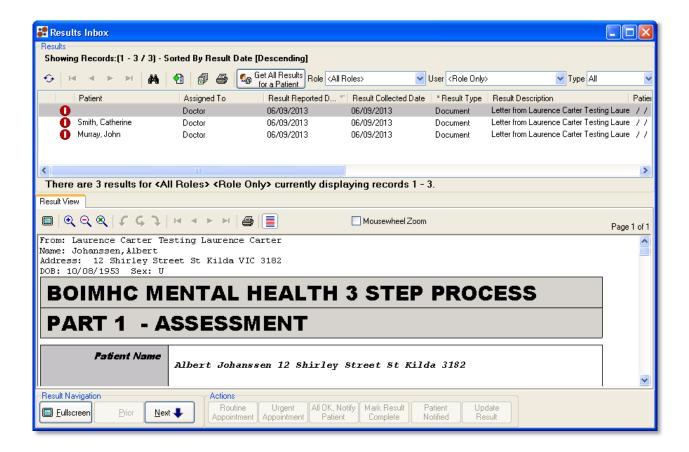


3. Click on the **Results Inbox** button (or press F6), as shown:



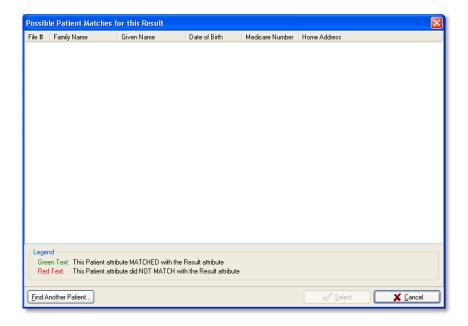


4. The incoming messages will be listed (you may need to change the Role)

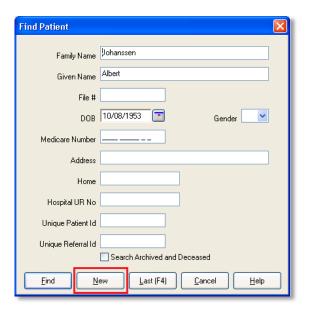


- 5. Notice that the first message in the list has no patient name. This is because the message is in regard to a new or unmatched patient:
 - To match, or create a new patient record double click on the message which will display this window (in this case Zedmed is finding no possible matches):

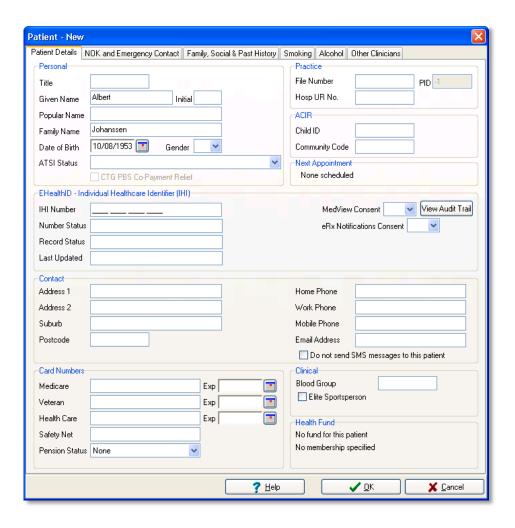




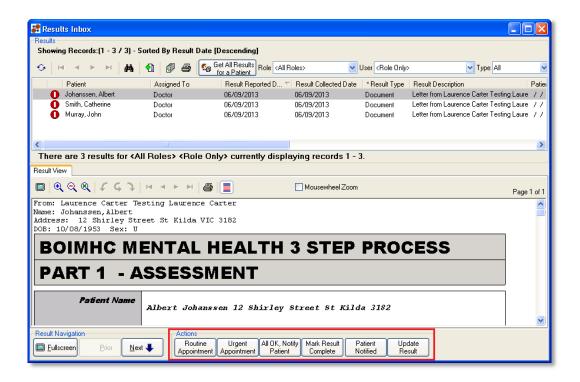
• Click on the **Find Another Patient** button, to display this:



• Click on the **New** button, as highlighted above, which will display the New Patient windows, as shown here:



- Click on **OK**.
- 6. As this patient now has a record in Zedmed their name will appear back in the new message list, as shown here:



- 7. To complete this initial processing of a new message choose an **Action**, as highlighted above. This will result in the message being filed in the patient record, and removed from the Inbox.
- 8. Review and Action all other messages to empty the Inbox.



ARGUS DAILY MAINTENANCE

5.1 Using Argus Message Manager

5.1.1 Monitoring Sent and Received Messages

It is important to monitor the **Argus Message Manager** on a regular basis. This will assist in ensuring that messages are being sent and received, as expected. Although notifications of problems will be emailed to the business contact for a Practice at the time they occur, regular checking of the **Argus Message Manager** is an important part of risk management.

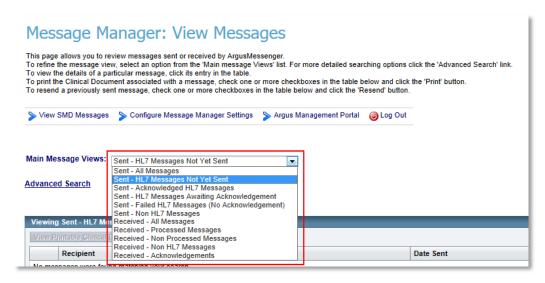
1. Access the **Argus Message Manager** by clicking on this icon (normally on the Desktop of the computer which has Argus installed).

The icon looks like this (not to be confused with 'Argus Messenger'):

Note: The default login details are 'argus' and 'argus'



2. You can change the **Main Message View** by choosing from the drop-down as shown here:





3. The Message Manager has the following standard views

TIP – HL7 messages are the clinical messages sent and received by Argus – for example, referrals and reports

Sent - All Messages

This will display ALL sent messages regardless of status or purpose.

Sent - HL7 Messages Not Yet Sent

This is a list of any messages awaiting initial sending.

Sent - Acknowledged HL7 Messages

This is a list of messages that have been successfully acknowledged by the recipient's Argus software.

Sent - HL7 Messages Awaiting Acknowledgement

This is a list of messages successfully sent but awaiting acknowledgement (receipt) by the recipient.

Sent - Failed HL7 Messages (No Acknowledgement)

This is a list of messages that have reached the maximum resend limit with no response from the recipient. (This usually indicates an issue at the recipient's end. See Argus Messenger – Common Error Notifications)

Sent - Non HL7 Messages

This is a list of system messages (i.e. Acknowledgements, Error notifications etc).

Received - All Messages

This will display ALL received messages regardless of status or purpose.

Received - Processed Messages

This is a list of all messages successfully processed and exported.

Received - Non Processed Messages

This is a list of messages that were unable to be processed (this can be due to decryption or export issues, etc).

Received - Non HL7 Messages

This is a list of regular messages, usually not intended for Argus (i.e. incorrectly sent messages, mail server rejection notice, etc).

Received - Acknowledgements

This is a list of the acknowledgement messages sent back by the recipients' Argus software to indicate successful receipt of the message.

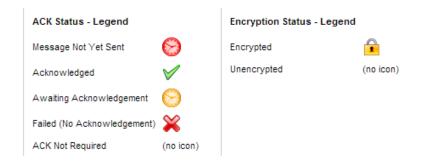


5.2 Argus Message Cycle

5.2.1 The Sending process

Argus works as a service and does a send/receive cycle every 20 minutes, this cycle can be followed in the Message Manager.

A message progress can be followed using the legend at the bottom of the Message Manager.



Process Flow	ACK Status
When a message has been added to the Argus database and is waiting to be sent in the next cycle the red clock will appear	Message Not Yet Sent
Once Argus has completed its 20 minute cycle the message will have been sent and will now display a yellow clock	Awaiting Acknowledgement
The recipients Argus installation will then receive and decrypt the message and process it into their clinical software package. At this stage the message will then show a green tick to signify that all has gone correctly	Acknowledged
Messages will attempt to be delivered for 3 days, if for some reason the recipient isn't able to receive the message after 3 days the message will display a red X	Failed (No Acknowledgement)

A failed Acknowledgement signifies an error at the recipients end. If you receive a failed Acknowledgement please contact the Argus Support team by phone on 03 9037 1000 or by email argus@argusconnect.com.au. Support will then contact the intended recipient and rectify any potential issues, at which point the message can then be re-sent.

IMPORTANT NOTE:

The send/receive cycle can also be manually performed from the Argus Server to instantly send/receive messages. If you'd like to learn how to do so please contact Argus Support.



5.2.2 The Receiving Process

As with sending messages, you can also view the process of received messages by referencing the Legend

Processed Status - Legend Processed Processing Failed Reprocessing Not Processed (no icon)

Process Flow	Processing Status
When a message has been received, decrypted and sent to your clinical software package you will see the following image next to the message which signifies that all has gone as it should have	Processed
If the following image appears, there can be multiple causes, contact Argus Support to investigate	Processing Failed

Sometimes message are not processed, in this case the message may have been sent from a non-encrypted messaging system or it could be an Acknowledgement received in response to a message you've sent. Messages that have not been processed do not display an icon.

5.2.3 Message Actions

Resending Messages

Any messages sent by Argus can also be marked for resending from both the main Message View page and also from the Message Detail page.

Select one or more sent messages by ticking the checkbox and click the 'Resend Selected' button. The Message Viewer will display an informative message if the selected messages were successfully marked for resending. Messages will be resent the next time Argus performs a mail synchronisation.

Reprocessing Messages

Any messages received by Argus can be marked for reprocessing from both the main Message View page and also from the Message Detail page.

Select one or more sent messages and click the 'Reprocess Selected' button. The Message Viewer will display an informative message if the selected messages were successfully marked for reprocessing. Messages will be reprocessed the next time Argus performs a mail synchronisation.



Once completed the below image will appear beside the message





Archiving Messages

Argus will automatically Archive successfully completed messages from both sent and received views at a pre-configured interval, this is usually every 28 days. Individual messages can be archived from the Message Detail page in the Argus Message Viewer.

Click the 'Archive Message' button when viewing the detail of any message. The Message Viewer will return to the main Message View page after archiving the selected message.

Deleting Messages

Any messages sent or received by Argus can be marked for deletion from the Message Detail page in the Argus Message Viewer.

Click the 'Delete Message' button when viewing the detail of any message. The Message Viewer will return to the main Message View page after deleting the selected message.

Or, select one or more messages from the main Message View page and click the 'Delete Selected' button. The Message Viewer will display an informative message if the selected messages were successfully deleted.



6. IMPORTANT ASPECTS OF ARGUS MAINTENANCE

6.1 Keeping Argus Informed

6.1.1 Notifying Argus of Practice Changes

- 1. As Argus utilises the National Health Services Directory, containing thousands of organisations and practitioners, it's important that we keep the directory up to date. Therefore, please ensure you inform Argus of any changes regarding your practitioners and/or organisation.
- 2. For example:
- I. New doctors at your organisation
- II. Doctors who have left your organisation
- III. Changes to your organisation details, such as phone number, address, etc.

This is to ensure the Argus Users Database is up-to-date and senders are able to locate the correct recipient at the correct location.

6.1.2 Changes to server & workstation environments

The Argus software may need to be updated to work in co-ordination with any changes at your organisation. It is important to inform Argus of any of the following changes to your server environment:

- Changing clinical software
 - o Argus may need to be reconfigured when changing your clinical software
- Major system upgrades
 - Some upgrades, including Operating System changes can cause an effect on your Argus
 Software; therefore it is beneficial to advise us of any upcoming changes
- New workstations have been installed
 - The Argus software may need to be reinstalled or reconfigured on your new workstation computers
- Changing 'file drop/file pickup directory'
 - If the directories for incoming and/or outgoing messages are altered, Argus will need to be reconfigured to work with the new directories
- Server upgrades/replacements
 - Please ensure you inform us of any major server upgrades <u>PRIOR</u> to turning-off the existing server, as we will need to take a backup of the current installation database

When you have an Argus subscription, our Argus Support team are easily able to help you ensure your Argus is going to keep working, despite the changes happening in your organisation.

6.1.3 Managing Your Argus Subscription

Keeping your Argus subscription up-to-date ensures you have full support and a fully functional Argus installation, including future upgrades and patches.

Your Argus software will advise you when your subscription is approaching expiry. Additionally, a few weeks prior to expiry an email notification of your subscription expiry date will be sent to your nominated contact email address.



To renew your subscription simply follow this link;

https://www.argusconnect.com.au/subscription/existing/

(Or go to our main website (www.argusconnect.com.au) and click on 'Existing Customers Re-Subscribe')

You will be prompted for your Argus Customer ID, if you do not have this, please contact us and we will assist you.

Follow the prompts and you will be presented with a costing prior to payment. Alternatively, if you would like a costing quote, please contact Sales on (03) 5335 2220 or argus@argusconnect.com.au.

Subscriptions include the following benefits;

- Full technical support of the Argus Software.
- All future software upgrades and new version releases available online.
- Unlimited reinstalls.
- No time limit or number-of-call limit for support enquiries.
- Problem resolution by phone, email or remote access.
- Available by phone during normal business hours (AEST).

7. TROUBLE SHOOTING

7.1 Trouble Shooting – Basic

7.1.1 Basic Argus Error Notifications

Error	Description	Action
Maximum Resend Limit Reached	Argus has not received an Acknowledgement from the intended recipient after multiple sending attempts.	This usually indicates an issue with the recipient's Argus. You should contact the Argus Support team on 03 5335 2221 to resolve the issue.
Address Book Update Failure	The Address Book Auto-Update service was unsuccessful.	This indicates that there was a problem communicating with the Argus Users Directory.
		Once a day Argus makes a connection to the central Argus server to confirm all entries in the local Argus Address Book are correct. If, for whatever reason, the connection cannot be made this email is sent. This error is only a problem if it occurs once a day every day.
Argus Email Entries Added Notification	A contact/s had been added to your Argus address book.	Please update the contact information in your clinical software address book with the new contact details.
Practitioner Removal Notification	Contact/s in your Argus address book has been removed from the Argus Users Directory.	Please remove the Argus contact information from your clinical software address book.

7.2 Trouble Shooting – Intermediate

Error	Description	Action
Agent Error (1 Pickup by Argus email address)	Recipient email address is incorrect or does not exist.	Ensure the recipients email address in your clinical software address book exactly matches the entry in your Argus Address Manager.*
		1. Doctor is not an Argus user. File should be moved to another folder or deleted, and message will need to be sent by other means (ie hard copy/fax)
		2. Doctor has not been added to the local Argus Address Book. Need to add the Doctor to the local Argus Address Book.
		Argus has different email address for Doctor. If possible file needs to be modified to contain the correct email address.
Agent Error (2)	Patient details do not contain a valid DOB.	Please ensure the patient record in your clinical software is a valid Australian date and not blank.*
Agent Error (3 Pickup by Provider Number)	Recipient Provider Number is incorrect or does not exist.	Ensure the Provider Number in your clinical software address book exactly matches the entry in your Argus Address Manager.*
		1. Doctor is not an Argus user. File should be moved to another folder or deleted, and message will need to be sent by other means (ie hard copy/fax)
		2. Doctor has not been added to the local Argus Address Book. Need to add the Doctor to the local Argus Address



Book.
Argus has Provider Number for Doctor. Contact Argus Support to determine correct Provider Number for recipient

IMPORTANT NOTE:

* To clear letters causing Argus Agent errors:

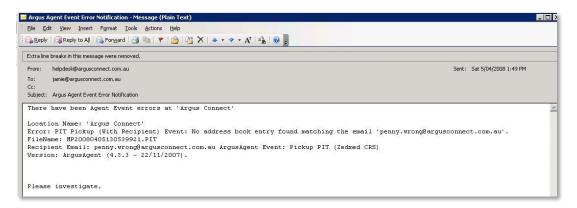
Once the above issue has been corrected in the Clinical Software, the letter may need to be resent from your Clinical Software.

In order to view the erroneous files, please navigate to the 'Outgoing' directory.

SUPPORT STAFF TO PROVIDE INSTRUCTIONS ON HOW TO IDENTITY THE OUTGOING DIRECTORY FOR ZEDMED USERS.

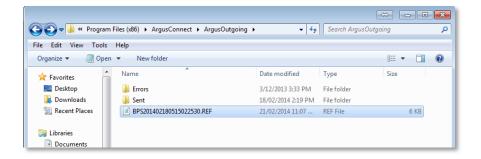
Please move the erroneous file to another folder (usually 'Errors') if the file could not be fixed, to prevent further Agent Error emails being generated.

1. If you receive the following email,



- 2. The most likely cause is that a letter was created within Zedmed and sent to a recipient in the Zedmed contact list that contained an incorrect email address.
 - Other reasons that this error can occur are that the following information is missing, Patient first and surname, patient date of birth (Australian format), Recipient name and email, date the letter was created
 - Argus tries to send a message once every 20 minutes, if this issue isn't investigated Argus Agent Error emails will continue to be sent to your error notification email address every 20 minutes.
- 3. If there is an Argus Outgoing folder on the desktop of your PC, open it and look for a message that is trying to be sent, it will look like the highlighted file below.

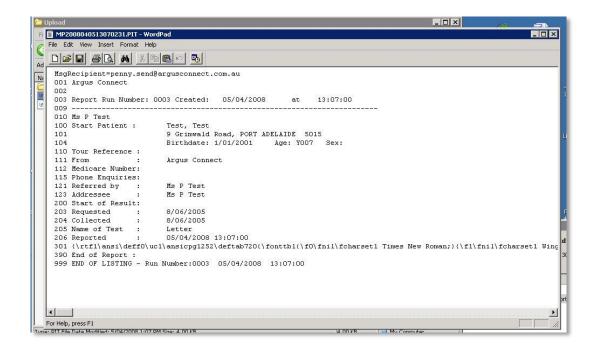




IMPORTANT NOTE:

If there is no Argus Outgoing folder on the desktop contact Argus Support 03 9307 1000

4. Open the file and look for the recipient and patient information highlighted below.



- 5. You will then need to delete the file and check the recipients email address in the Argus Address Manager and ensure the Zedmed Address book has the correct email address.
- 6. Once the correct email address is in the Zedmed Address book the message can then be re-sent from Zedmed.



7.3 Trouble Shooting – Advanced

7.3.1 Basic Argus Error Notifications

Error	Description	Action
Rule Failure Notification	Argus was unable to deliver received correspondence to "drop" directory.	Confirm the drop directory exists and has write permission for all network users. If problem still persists, contact Argus Support team. The majority of the time this will be 'C:\Program Files\Health Communication Network\Messages\In' on the PC\Server with the main Argus installation.

8. HOW TO CONTACT ARGUS

If you require any further information or assistance, please contact Argus staff on one of the following methods:

Phone:

You can phone Argus on (03) 9037 1000, your enquiry should typically be able to be answered within 1 business day.

Email:

You can email Argus at argus@argusconnect.com.au your enquiry may take 1-5 business days for a response.

Online:

Argus has an online contact form which will help direct your enquiry to the appropriate people, you can submit your enquiry here: https://www.argusconnect.com.au/content/contact-us

IMPORTANT NOTE:

To speed up your support call you can start a TeamViewer session to allow the support tech to gain access to your machine faster.

To do so, open your start menu and go into 'All Programs', from there locate the 'Argus Connect' folder and run the 'Active Remote Support' icon which will then generate an ID that you can supply the tech to gain access to your PC.

Alternatively you can get this ID by visiting our website www.argusconnect.com.au, click the support tab towards the top right and scroll down to 'Activate Remote Support for Windows'.

ARGUS