Serial Com File Transporter User Guide

Version 1.0 • March 18, 2014

This User Guide provides instructions on how to use the application.



www.kanepiservices.com.au

Tel: +61 (0) 8 9448 3076

Last edited: 18th March 2014

This document is copyright © 18th March 2014 by kanepi Services Pty Ltd. All rights reserved.

No part of this publication may be reproduced, transmitted, transcribed, stored in a retrieval system, or translated into any language, in any form or by any means, electronic, mechanical, photocopying, recording, or otherwise, without prior written permission from kanepi Services Pty Ltd.

All copyright, confidential information, patents, design rights and all other intellectual property rights of whatsoever nature contained herein are and shall remain the sole and exclusive property of kanepi Services Pty Ltd. The information furnished herein is believed to be accurate and reliable.

However, no responsibility is assumed by kanepi Services Pty Ltd for its use, or for any infringements of patents or other rights of third parties resulting from its use.

The kanepi name and kanepi Services Pty Ltd logo are trademarks or registered trademarks of kanepi Services Pty Ltd.All other trademarks are the property of their respective owners.

User Guide

Version: 1.0

Revision Date:18th March 2014

Revision History		
Rev #	Revision Update	Date
0.1	Initial version	1 st February 2014
0.2	Final review	10 th February 2014
1.0	Released	18 th March 2014

Table of Contents

Abou	It this Guide	6
1	Introduction	
1.1	GENERAL FUNCTIONALITY	8
1.2	SUPPORT	9
1.3	FILE TRANSFER TIMES	9
1.4	BATCH FILES	9
2	Step by Step Instructions	
2.1	SENDER APPLICATION INSTRUCTIONS	10
2.1.	I MENU ITEMS	10
2.1.2	2 INVOKING THE SERIAL COM FILE TRANSPORTER SENDER	
2.1.3	SENDER SERVICE – MUST BE STOPPED TO MAKE CONFIGURATION CHANGES	10
2.1.4	CONFIGURE THE SENDER FOLDER TO MONITOR	12
2.1.	5 ADD FILE EXTENSIONS	13
2.1.0	8 REMOVE FILE EXTENSIONS	14
2.1.	7 CONFIGURE THE INTERVAL	15
2.1.8	3 SENDER SERVICE	16
2.1.9	Dog	16
2.1.	10 VIEW LICENSING DETAILS	
2.1.	11 VIEW SENDER ABOUT DETAILS	19
2.1.	12 CLOSE THE SENDER	19
2.2	RECEIVER APPLICATION INSTRUCTIONS	19

2.2	.1	MENU ITEMS	19
2.2	.2	INVOKING THE SERIAL COM FILE TRANSPORTER RECEIVER	20
2.2	.3	RECEIVER SERVICE – MUST BE STOPPED TO MAKE CONFIGURATION CHANGES	20
2.2	.4	CONFIGURE THE RECEIVER FOLDER TO MONITOR	21
2.2	.5	RECEIVER SERVICE	22
2.2	.6	Log	23
2.2	.7	VIEW LICENSING DETAILS	25
2.2	.8	VIEW RECEIVER ABOUT DETAILS	26
2.2	.9	CLOSE THE RECEIVER	26
3	Ар	pendix A: Glossary	. 27

About this Guide

This document is divided into the following chapters:

Chapter	Title	Description
Chapter 1	Introduction	Overviews the applications functionality and support.
Chapter 2	Step By Step Instructions	Provides detailed instructions on using the application.
Appendix A	Glossary	A glossary of terms / abbreviations used throughout this document.

For the most current version of this document, please visit: http://www.kanepiservices.com.au.

Who Should Use It

This document is intended for end users and administrators who are using the Serial Com File Transporter application.

Typographical Conventions

This document uses the following typographical conventions:

- Items you click, select or drag and drop appear in **bold type**.
- Keys that you press appear in **bold type** after the text 'press' i.e. Press Enter.
- Text of importance in a statement describing functionality appears in **bold** font.
- Menu and submenu paths are shown as **MENU > SUBMENU**.

Disclaimer

This document contains kanepi Services Pty Ltd proprietary information. Information contained herein is to be used solely for the purpose submitted, and no part of this document or its contents shall be reproduced, published, or disclosed to a third party without the express permission of kanepi Services Pty Ltd.

While this information is presented in good faith and believed to be accurate, kanepi Services Pty Ltd disclaims the implied warranties of merchantability and fitness for a purpose and makes no express warranties except as may be stated in its written agreement with and for its customer.

In no event is kanepi Services Pty Ltd liable to anyone for any direct, special, or consequential damages. The information and specifications in this document are subject to change without notice.

1 Introduction

Segregation of Process Control Networks (PCN) / Integrated Control and Safety Systems and business networks (company intranets) is paramount to ensure the integrity of the process being controlled (cyber security, virus propagation, prevent unauthorised access etc.).

Access for business users / applications can be achieved with a demilitarised zone (DMZ) / firewalls, although in many companies this level of infrastructure does not exist at all operating assets and facilities which results in critical data being isolated on the PCN or ICSS network.

The Serial Com File Transporter (SCFT) unlocks this siloed data while maintaining system integrity by using serial communications.

1.1 General functionality

The following provides a general overview on the functionality associated with the Serial Com File Transporter.

- The Serial Com File Transporter consists of two applications:
 - Sender application which is installed on the PC / server that is connected to the system from where files originate e.g. a Process Control Network (PCN) or Integrated Control and Safety System network (ICSS).
 - Receiver application which is installed on the PC / server that is connected to the system where files are to be received and made available e.g. a business network / company intranet.



PCN / ICSS PC's / servers

 A license key is required after installing the Sender and / or Receiver applications. The Serial Com File Transporter licensing screen is the first screen shown after installing the Serial Com File Transporter and provides information (being the Application Name and the MAC address of the laptop / PC / server the Serial Com File Transporter has been installed on) that must be entered into the kanepi Services licensing web page (http://www.kanepiservices.com.au/licensing-otherproducts), after which a license key will be emailed to the user. This requirement is further detailed in

the Serial Com File Transporter Installation Guide.

 Once installed and configured as detailed in the Serial Com File Transporter Installation Guide the Sender PC will move any files (of the configured file types) to the Receiver PC at the specified interval period (in minutes).

1.2 Support

Email support is available for the Serial Com File Transporter at <u>support@kanepiservices.com.au</u> during normal business hours (Australian Western Standard time, Monday to Friday excluding public holidays).Typically support queries for the Serial Com File Transporter will be answered within 24 hours.

1.3 File transfer times

The following shows approximate times taken by the Serial Com File Transporter to transfer files of various sizes via serial communications between the Sender and Receiver PC's.

File size	Transfer time
9 KB	1 second
20 KB	2 seconds
60 KB	7 seconds
170 KB	16 seconds
688 KB	64 seconds
1.29 MB	1 minute 49 seconds
2.305 MB	3 minutes 27 seconds
5.626 MB	8 minutes 20 seconds

1.4 Batch Files

Batch files are typically used to transfer files from the PCN / ICSS resident PC's / servers to the Sender server / PC folder monitored for the configured file types. Scheduled tasks are then used to periodically run these batch files. For examples of batch files email support@kanepiservices.com.au.

2 Step by Step Instructions

2.1 Sender Application instructions

The following sections describe tasks commonly performed by users of the Serial Com File Transporter Sender application.

2.1.1 Menu items

The following table describes the function of each of the menu items available with the Sender.

Main Menu Item	Dropdown	Description
File	License Shows the Application Name / MAC Address License Key.	
	Log	Invokes the Sender log.
	Exit	Exits the application.
About		Provides version and copyright information. Additionally license and maintenance expiry details are shown.

2.1.2 Invoking the Serial Com File Transporter Sender

The Serial Com File Transporter Sender can be invoked by double-clicking on the Serial Com File Transporter Sender desktop icon.



2.1.3 Sender Service – must be stopped to make configuration changes

The Serial Com File Transporter Sender service must be stopped before any configuration changes can be made. All configurable items will be disabled (not selectable) when the Sender service is running.

Serial Com File Transporter User Guide

Serial Com File Transporter

🛷 Serial Com File 1	Fransporter - Sender v1.2.0	
File About		
Configuration -		
Com Port	COM1 -	
Directory	C:\Users\pc\Desktop\SENDER	Browse
File Extension		Add
	xls xlsx xt csv	
Interval	1 (Minutes)	
Sender starts a	automatically when the PC is started	
Service The service is cur the service.	rently running. Press the stop button to stop	Stop

2.1.3.1 Manually stop the Sender service

If the Sender service is currently running then the **Stop** button will be displayed.

1. Click Stop.



2. The Sender service stops running. The log shows that the user has stopped the service.



2.1.3.2 Manually start the Sender service

If the Sender service is currently stopped then the **Start** button will be displayed and the service requires starting for Sender functionality to occur.

```
Serial Com File Transporter User Guide
```

1. Click Start.

Service	
The service is currently stopped. Press the start button to start the service.	Start

2. The Sender service commences running. The log shows functions peformed by the Sender service e.g. initially the Com port will be opened, baud rate etc. set and then file transfers will begin.

🌮 Serial Com File Transporter - Sender - Log		
Logging Active		
12/Mar/2014 8:53:22 PM	-	User has started the service
12/Mar/2014 8:53:53 PM	-	Serial Com File Transporter Sender service started
12/Mar/2014 8:53:53 PM 12/Mar/2014 8:53:53 PM	-	Opening COM port - COM1 Baud Pate - 115200
12/Mar/2014 8:53:53 PM	-	Parity - None
12/Mar/2014 8:53:53 PM	-	DataBits - 8
12/Mar/2014 8:53:53 PM	-	StopBits - One
12/Mar/2014 8:53:53 PM 12/Mar/2014 8:53:53 PM	-	Deeping Setial port
12/Mar/2014 8:53:53 PM	-	Port opened successfully
12/Mar/2014 8:54:53 PM	-	Sending file - Assets REPORT 14-Jan-14.xds
12/Mar/2014 8:55:55 PM	-	File successfully sent
12/Mar/2014 8:55:56 PM 12/Mar/2014 8:55:56 PM	-	Sending file - Production REPORT 14-NOV-13.xds
12/Mar/2014 8:56:53 PM	-	Sending file - Compressor Station DC.CSV
12/Mar/2014 8:56:54 PM	-	File successfully sent
12/Mar/2014 8:56:55 PM	-	Sending file - Gas Plant DC.csv
12/Mar/2014 8:56:57 PM 12/Mar/2014 8:56:57 PM	-	File successfully sent
12/Mar/2014 8:56:59 PM	2	File successfully sent
12/Mar/2014 8:57:00 PM	-	Sending file - Oil Plant.CSV
12/Mar/2014 8:57:01 PM	-	File successfully sent
12/Mar/2014 8:57:02 PM	-	Sending file - QWDC1.CSV
12/Mar/2014 8:57:04 PM 12/Mar/2014 8:57:05 PM	-	Sending file - QWDC2.CSV

2.1.4 Configure the Sender folder to monitor

The Sender moves any files in a specific folder / directory to the Receiver at a specified interval. The **Directory** the Sender will monitor for files to move to the Receiver may be changed as required.

- 1. Stop the Sender service.
- 2. Click Browse.

Configuration			
Com Port	COM1	•	
Directory			Browse
File Extension			Add
The Extension			

Serial Com File Transporter User Guide

- 3. Navigate to the required folder.
- 4. Click OK.

6.

5. The directory selected will be displayed.

Com Port	COM1	
Directory	C:\SENDER Files	Browse
Click Save.		
(Minutes)		
the PC is started		

- 7. Click **OK** when the saved configuration confirmation is displayed.
- 8. Start the Sender service.

The Sender will commence monitoring the newly specified directory when the service runs at the next interval period.

2.1.5 Add file extensions

The Sender monitors the specified directory for files of the types specified under **File Extensions**. When a file is found that has one of the listed file extensions it is moved to the Receiver. If files located in the directory have file extensions that are <u>not</u> listed under file extensions then the Sender ignores them (i.e. they will remain in the directory indefinitely).

File Extension	
	xls csv txt

Add to the **extensions** of file types that are to be moved.

- 1. Stop the Sender service.
- 2. Type the extension type that is to be added, for example **xlsx** (not case sensitive), into the **Field Extension** area.

File Extension	xlsx	Add

3. Click Add or press Enter. The xlsx text will be moved to the configured extension list.



4. Add additional extension types if required, for example **xt**, then click **Add**. The extension type will be moved to the configured extension list.

File Extension	-	Add
	xls Csv bd xlsx xt ←───	

5. Once the required file extensions have been added click **Save**.

(Minutes)		
the PC is started	\longrightarrow	Save

- 6. Click **OK** when the saved configuration confirmation is displayed.
- 7. Start the Sender service.

The Sender will commence monitoring the specified directory for the listed file extension types, inclusive of newly added file extensions, when the service runs at the next interval period.

2.1.6 Remove file extensions

Listed file **extensions** can be removed if required. In this example xlsx file extension type will be removed.

- 1. **Stop** the Sender service.
- 2. Click the file extension type that is to be removed, in this example click **xlsx**. The selected extension type becomes highlighted and the **Remove** button becomes available.



- 3. Click **Remove**.
- 4. The selected file extension (xlsx) is removed from the list.

	File Extension		Add
		xls csv txt xt	
5.	Click Save.		

(Minutes)		
the PC is started	\rightarrow	Save

- 6. Click **OK** when the saved configuration confirmation is displayed.
- 7. Start the Sender service.

The Sender will not check for the removed file extension type when the service runs at the next interval period.

2.1.7 Configure the interval

The interval specifies the time period in minutes between Sender service runs. The interval can be changed as required. The minimum interval is 1 minute.

- 1. **Stop** the Sender service.
- 2. Type the required interval period into the interval field, for example type '5' to specify five minute intervals.

	Interval 5 (Minutes)
	Sender starts automatically when the PC is started
C	Click Save.
	(Minutes)
t	he PC is started

- 4. Click **OK** when the saved configuration confirmation is displayed.
- 5. Start the Sender service.

The Sender will run at the newly entered interval period after the next service run.

3.

2.1.8 Sender service

The Sender service can be configured to automatically start whenever the PC is started (typical) or to wait for the user to manually start the service upon a restart.

2.1.8.1 Sender service to start automatically when PC is started

- 1. Stop the Sender service.
- 2. Check the **Sender starts automatically when the PC is started** checkbox then click **Save**.

Interval	5	(Minutes)			
Sender starts a	automatica	lly when the PC is started	\rightarrow	Save	

- 3. Click **OK** when the saved configuration confirmation is displayed.
- 4. **Start** the Sender service.

The Sender service will automatically start when the PC / server is next restarted.

2.1.8.2 Sender service not to start automatically when PC is started

If the 'Sender starts automatically when the PC is started' checkbox is unchecked then users must manually start the service each time the associated PC / server is restarted. Failure to manually start the service will result in the Sender not performing any functionality until the service is manually started.

- 1. **Stop** the Sender service.
- 2. Uncheck the **Sender starts automatically when the PC is started** checkbox then click **Save**.



- 3. Click **OK** when the saved configuration confirmation is displayed.
- 4. Start the Sender service.

The Sender service will not automatically start when the PC / server is next restarted.

2.1.9 Log

The log captures all functionality performed by the Sender when Logging Active is specified.

2.1.9.1 Invoke the log

The log is invoked via **File > Log** menu items.

Serial Com File Transporter User Guide

2.1.9.2 Activate the log

1. Check the **Logging Active** checkbox.



- 2. Close the log.
- 3. Log data will be captured.

2.1.9.3 Inactivate the log

1. Uncheck the Logging Active checkbox.



- 2. Close the log.
- 3. No logging data will be captured (however the Sender service will remain running if already started).

2.1.9.4 Activate auto scroll

The log displays logged data chronologically with the oldest log entry at the top of the log list and the most recent at the bottom. To monitor all current actions being logged the **Auto Scroll** checkbox must be checked meaning the scroll position will be automatically held at the bottom each time a new log entry is added to the log.

1. Check the Auto Scroll checkbox.



2. Auto scroll functionality commenes next time a log entry is added.

2.1.9.5 Inactivate auto scroll

Auto scroll may be inactivated and the log view / scroll position controlled by the user. For example this may be required when reviewing which files have been transferred by the Sender.

If auto scroll is checked then each time a new log entry is added by the Sender the log will auto scroll to the bottom which hinders the user trying to view files that have been transferred i.e. the user may inactivate the auto scroll while reviewing the log entries then reactivate the auto scroll.

1. Uncheck the Auto Scroll checkbox.



2. Auto scroll functionality halts.

2.1.9.6 Clear the log

The log continues to add log entries (when active) each time the Sender performs a function. Over time, and dependent on the number of files transferred daily, the log file may grow and require clearing.

1. Click the **Clear** button on the log.



2. The log clears all current entries.

2.1.9.7 Close the log

To close the log click the **Close** button.



2.1.10 View licensing details

The licensing page shows:

- Application name
- MAC address of the PC / server on which the Sender is installed
- Currently entered license key

🖉 Serial Com File Tran	nsporter - Sender v1.2.0		
Application Name	Serial Com File Transporter - Sender		
MAC Address	E0-DB-55-E3-86-3A		
License Key	8YpsiEXV9Ve8mw1qoOKVeJSAD/4911aJzdtfJZJ4mQPogouZwDxyrj97TES3bRm5vhnj1U6VL gyyksytJFE4J9h7QttPgML1eKHEC6P8pydGPE7PNKP5xyFB3vUPX0YN		
	Submit Cancel		

Click the **File > License** to open the license page.



2.1.11 View Sender about details

The About page shows:

- Name of the application
- Version information
- License expiry date
- Maintenance expiry date



Click the **About** menu item to open the About page.

2.1.12 Close the Sender

The Sender may be closed by selecting the close icon located in the top right corner of the Sender application page.



The Sender will continue to run as long as the Sender service has been started / is running.

2.2 Receiver Application instructions

The following sections describe tasks commonly performed by users of the Serial Com File Transporter Receiver application.

2.2.1 Menu items

The following table describes the function of each of the menu items available with the Receiver application.

Main Menu Item	Dropdown	Description
File	License	Shows the Application Name / MAC Address / License Key.
	Log	Invokes the Receiver log.
	Exit	Exits the application.
About		Provides version and copyright information. Additionally license and maintenance expiry details are shown.

2.2.2 Invoking the Serial Com File Transporter Receiver

The Serial Com File Transporter Receiver can be invoked by double-clicking on the Serial Com File Transporter Receiver desktop icon.



2.2.3 Receiver Service – must be stopped to make configuration changes

The Serial Com File Transporter Receiver service must be stopped before any configuration changes can be made. All configurable items will be disabled (not selectable) when the Receiver service is running.



Serial Com File Transporter User Guide

2.2.3.1 Manually stop the Receiver service

If the Receiver service is currently running then the **Stop** button will be displayed.

1. Click Stop.



2. The Receiver service stops running. The log shows that the user has stopped the service.



2.2.3.2 Manually start the Receiver service

If the Receiver service is currently stopped then the **Start** button will be displayed and the service requires starting for Receiver functionality to occur.

1. Click Start.

Service	
The service is currently stopped. Press the start button to start the service.	Start

 The Receiver service commences running. The log shows functions peformed by the Receiver service e.g. initially the Com port will be opened, baud rate etc. set and then file transfers will begin.

4	🔅 Serial Com File Transporter - Receiver - Log				
	Logging Active				
	12/Mar/2014 8:33:42 PM - User has started the service 12/Mar/2014 8:33:42 PM - Serial Com File Transporter Receiver service started 12/Mar/2014 8:33:42 PM - Opening COM port - COM3 12/Mar/2014 8:33:42 PM - BaudRate - 115200 12/Mar/2014 8:33:42 PM - Parity - None 12/Mar/2014 8:33:42 PM - DataBits - 8 12/Mar/2014 8:33:42 PM - DataBits - 8				
	12/Mar/2014 8:33:42 PM - Stoppins-One 12/Mar/2014 8:33:42 PM - Handshake - None 12/Mar/2014 8:33:42 PM - Opening Serial port 12/Mar/2014 8:33:43 PM - Port opened successfully				

2.2.4 Configure the Receiver folder to monitor

The Receiver locates any files received at the configured Com port into a specific folder / directory. This **Directory** may be changed as required.

Serial Com File Transporter User Guide

- 1. Stop the Receiver service.
- 2. Click Browse.

Configuration	1
Com Port	COM3
Directory	Browse
Receiver s	tarts automatically when the PC is started

- 3. Navigate to the required folder.
- 4. Click OK.
- 5. The directory selected will be displayed.

Com Port	COM3 V	
Directory	C:\RECEIVER Files	Browse
Receiver starts automatically when the PC is started		Save

6. Click Save.



- 7. Click **OK** when the saved configuration confirmation is displayed.
- 8. Start the Receiver service.

The Receiver will commence locating any received files into the newly specified directory when the next file becomes available at the Com port.

2.2.5 Receiver service

The Receiver service can be configured to automatically start whenever the PC is started (typical) or to wait for the user to manually start the service upon a restart.

2.2.5.1 Receiver service to start automatically when PC is started

- 1. **Stop** the Receiver service.
- 2. Check the **Receiver starts automatically when the PC is started** checkbox then click **Save**.



- 3. Click **OK** when the saved configuration confirmation is displayed.
- 4. **Start** the Receiver service.

The Receiver service will automatically start when the PC / server is next restarted.

2.2.5.2 Receiver service not to start automatically when PC is started

If the 'Receiver starts automatically when the PC is started' checkbox is unchecked then users must manually start the service each time the associated PC / server is restarted. Failure to manually start the service will result in the Receiver not performing any functionality until the service is manually started.

- 1. Stop the Receiver service.
- 2. Uncheck the **Receiver starts automatically when the PC is started** checkbox then click **Save**.



- 3. Click **OK** when the saved configuration confirmation is displayed.
- 4. Start the Receiver service.

The Receiver service will not automatically start when the PC / server is next restarted.

2.2.6 Log

The log captures all functionality performed by the Receiver when Logging Active is specified.



Serial Com File Transporter User Guide

© kanepi Services Pty Ltd 2014. All rights reserved.

2.2.6.1 Invoke the log

The log is invoked via **File > Log** menu items.

2.2.6.2 Activate the log

1. Check the Logging Active checkbox.



- 2. Close the log.
- 3. Log data will be captured.

2.2.6.3 Inactivate the log

1. Uncheck the Logging Active checkbox.

🔗 Serial Com File Transporter - Receiver - Log	
Logging Active	

- 2. Close the log.
- 3. No logging data will be captured (however the Receiver service will remain running if already started).

2.2.6.4 Activate auto scroll

The log displays logged data chronologically with the oldest log entry at the top of the log list and the most recent at the bottom. To monitor all current actions being logged the **Auto Scroll** checkbox must be checked meaning the scroll position will be automatically held at the bottom each time a new log entry is added to the log.

1. Check the Auto Scroll checkbox.



2. Auto scroll functionality commences next time a log entry is added.

2.2.6.5 Inactivate auto scroll

Auto scroll may be inactivated and the log view / scroll position controlled by the user. For example this may be required when reviewing what files have been received by the Receiver. If auto scroll is checked then each time a new log entry is added by the Receiver the log will auto

scroll to the bottom which hinders the user trying to view files that have been received i.e. the user may inactivate the auto scroll while reviewing the log entries then reactivate the auto scroll.

1. Uncheck the Auto Scroll checkbox.



2. Auto scroll functionality halts.

2.2.6.6 Clear the log

The log continues to add log entries when active each time the Receiver performs a function. Over time, and dependent on the number of files received daily, the log file may grow and require clearing.

1. Click the **Clear** button on the log.

Clear	Close

2. The log clears all current entries.

2.2.6.7 Close the log

To close the log click the **Close** button.



2.2.7 View licensing details

The licensing page shows:

- Application name
- MAC address of the PC / server on which the Receiver is installed
- Currently entered license key

Ø Serial Com File Trans	nsporter - Receiver v1.2.0	
Application Name	Serial Com File Transporter - Receiver	
MAC Address	E0-DB-55-E3-86-3A	
License Key	fleU5ds2dbyFhrmlIVTDbT0MNwe41UyxdgRWUjorkefGvV918EKOlLfspLv7o/zksozPi4DI/420 bdvY55weYaDAOuQX9A60yl7+Ywlat0jeKOwedPFs/HJhpvDMTI8	
	Submit Cancel	

Click the **File > License** to open the license page.



2.2.8 View Receiver about details

The About page shows:

- Name of the application
- Version information
- License expiry date
- Maintenance expiry date



Click the **About** menu item to open the About page.

2.2.9 Close the Receiver

The Receiver may be closed by selecting the close icon located in the top right corner of the Receiver application page.



The Receiver will continue to run as long as the Receiver service has been started / is running.

3 Appendix A: Glossary

The following table provides information on terms, acronyms and abbreviations required to properly interpret this document.

Term	Meaning
Interval	The interval specifies the time period in minutes between Sender service runs.
Log	Both the Sender and Receiver incorporate log functionality. The log lists all actions performed by the applications chronologically.
MAC	Media Access Control address.
PC	Personal Computer.
Sender	The Sender application is installed on the PC / server that is connected to the system from where files originate e.g. a Process Control Network (PCN) or Integrated Control and Safety System network (ICSS).
SCFT	Serial Com File Transporter.
Receiver	The Receiver application is installed on the PC / server that is connected to the system where files are to be received and made available e.g. a business network / company intranet.