



Sources User Guide

CSG Data Mediation
Release 9.0

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Notational Conventions

Note Important notes appear in this format.

Caution Indicates possible danger to data, software, or hardware.

Warning! Indicates serious risk of damage to data, software, or hardware.

Table 1 Notational Conventions

Text formatted like this . . .	Is used for . . .	Example
<i>Helvetica italic</i>	References to printed documents	For more information on the Users page, see the <i>Administration Guide</i> .
<UPPERCASE HELVETICA>	Keys	Press <ENTER>.
Courier bold	Code and file names	At the prompt, type rename .
Helvetica bold	Buttons, icons, and menu items	Click Submit .

CSG Systems, Inc. Customer Support

Domestic hardware and software support

If local practices cannot solve the problem, or if directed to do so by the local practices, contact CSG Systems, Inc. Customer Support or your CSG representative.

CSG Systems, Inc. Customer Support provides trouble resolution management and serves as your single point of contact for domestic Data Mediation hardware and software problems.

International hardware and software support

Local (in-country) field support (LFS) provides trouble resolution management and serves as your single point of contact for international Data Mediation hardware and software problems.

Consulting Services

CSG Systems, Inc. Billing Systems Team provides assistance with installation, provisioning, and customizing of certain features through their Mediation Engineering and Consulting Services (MECS). This assistance must be negotiated as a separate services option. Contact your customer account executive for more information.

Here are some of the services the CSG Billing System Team can provide:

- GRID provisioning
- Format conversion mappings
- Validation criteria
- Filters and searches
- Post processing
- Correlation conversion mappings

Data Mediation System Documentation

These manuals are available for the CSG Data Mediation System:

- **Administration Guide** — Describes the administration pages and the procedures to administer and maintain the basic Data Mediation system
- **API Programmer's Guide** — Provides information for building applications using the Socket Based Record Transmission API. Programmers can use the guide to use the records received from the Data Mediation system for their own customized downstream application solutions
- **Application Elements Reference Guide** — Contains detailed information of form fields and buttons that appear in the application
- **Exception File Management Reference Guide** — Describes the Exception File Management feature and provides descriptions and procedures for the pages and other objects associated with the feature
- **File Name Conventions Reference Guide** — Lists the file names and file name convention descriptions
- **Getting Started Guide** — Provides an overview of the Data Mediation system application and information for using the interface
- **Installation Guide** — Describes how to install the Data Mediation system, including information about the Post Processing feature and an appendix of critical and major alarm messages
- **Interface Reference Guide** — Contains reference information on the CDDS, CDRP, and ODBC interfaces
- **Mediation Feature Reference Guide** — Describes the mediation feature components the semantics and general syntax of the GRID Mapping Language (GML)
- **Scripts Reference Guide** — Provides information on script files that contain additional instructions for functions for data collection and transmission
- **User Guides** — Describe the pages that can be accessed from the launch page and what procedures can be performed on each page. These guides are the:
 - » Data Collection User Guide
 - » Data Files User Guide
 - » Data File Searches User Guide
 - » Data Transmission Schedules User Guide

- » Destinations User Guide
- » Logs User Guide
- » Mediation Features User Guide
- » Reports User Guide
- » Sources User Guide
- » System Summary User Guide

1 About Sources

This chapter contains information on:

- [Working with Sources](#)
- [Working with Switch-specific Constraints](#)
- [Working with Source Interfaces](#)
- [Working with Tracer Sources](#)
- [Working with the Expansion Option for AMA Records](#)
- [Understanding the Source Application Associations Process](#)
- [Understanding Merging Files](#)
- [Working with Output File Naming](#)
- [Understanding Sources, Input Tape Formats, and Conversions](#)
- [Understanding Input Tape Formats, Sources, and File Conversions](#)
- [Understanding Data Collection](#)
- [Understanding Data Storage](#)

Working with Sources

Sources can be defined, but cannot collect data until:

- Sources are provisioned in the *UNIX* system networking configuration file
- The destination is defined
- The source is set up to distribute data to the destinations

See the specific protocol requirement documents for the type of sources connected to your data mediation system.

Requirements for CONNECT:Direct

The setup of the configuration files is a customer responsibility. Sources using the CONNECT:Direct (CD) protocol have configuration files that must be modified when a new CD source is added, when you want to modify an existing source, or when you want to add a new user.

The configuration files are the Network Map Information File and the User Authorization Information File and are accessed by clicking **Configure** on the Source Type Parameters page.

Each user who performs data collection operations for CD sources must be correctly configured in the User Authorization Information File and have the correct permissions set on the User Accounts page.

Requirements for FTP

The setup of the configuration files is a customer responsibility. Each user who performs data collection operations for an FTP source provisioned to execute a remote shell command must have the correct permissions set on the User Accounts page and must be correctly configured in the applicable operating system files. For UNIX, these files include:

- `/etc/hosts.equiv`
- `.rhosts` files

Requirements for File Formats

The file format must be created through GRID and a successful GRID file format audit run before a successful connection can be established with the source.

References

- For information on destinations, see ["Destinations Page" \(3-21\)](#) in the *Destinations User Guide* and the ["Source Destinations Associations Page" \(11-139\)](#) in the *Sources User Guide*
- For information on permissions, see ["Working with Permissions \(Security Profiling\)" \(1-2\)](#) in the *Administration Guide*
- For information on how to view and edit CONNECT:Direct Information files, see ["Working with Scripts" \(1-12\)](#) in this guide

Working with Switch-specific Constraints

For report sources, a separate source must be defined for each type of desired report.

The Motorola DAS source lets DM receive one DAS record at a time from the Motorola switch through the DAS port. Each record is written to a file in the data directory for the associated source. DM closes the file when the program is terminated or when the maximum:

- File size is reached
- Number of records for the file is been reached
- Amount of time for the file to be written to is reached

Polling precedence

There are four parameters or items associated with a GFTAM source that determine which files are to be polled. At least one of the parameters or items must be defined. If more than one parameter or item is defined, DM executes only one of the parameters or item following the order listed in this table.

Order	Item Name/Parameter/	Description
1	Data File Name	Is a field specified on the Data File Page
2	File Names	Is a scrollable list of file names specified on the Source Type Parameters Page
3	file_listner	Are parameters possibly contained in a script file—the script file name is specified on the Source Type Parameters Page
4	name_polled	

Mediation on input

The Mediation on Input feature lets you specify mediation feature application IDs or a CORFILTER to be performed on incoming data files as they are collected from a source.

References

- For descriptions of how to create script files and for descriptions of the file_listner and name_polled parameters, see "[Generic FTAM Script File Parameters](#)" (1-24) in the *Script Files Reference Guide*

Working with Source Interfaces

Sources are categorized by the protocol and the type of source interface they use.

Protocols are standard procedures for regulating the transfer of data. They are classified as either active or passive. A protocol is considered active (or receiver-initiated) if DM initiates all the data collection sessions. A protocol is considered passive (or sender-initiated) if the source controls the data collection.

- Active protocols allow for scheduled or on-demand data collection
- Passive protocols do not allow scheduling or demand data collection sessions
- FTP can be either active or passive, depending on the source type
- CONNECT:Direct and CDRP allow demand secondary data collection

[Table 2, "Most Commonly Supported Source Interfaces" \(-13\)](#) describes some of the common supported source interfaces or applications, source types, source protocols, and whether the protocol is active or passive. [Table 3, "Supported Source Interfaces — Applications or Mediation Features" \(-16\)](#) provides corresponding information for Applications and Mediation Features.

The value specified in the Source Type column is the name or acronym used on the Source Definitions page to identify the source interface.

Table 2 Most Commonly Supported Source Interfaces

Source Interfaces or Applications	Source Type	Protocol	Protocol Description	Protocol Type
Switches using Automatic Message Accounting Teleprocessing System (AMATPS), such as Lucent Technologies domestic 5ESS switches	AMATPS	AMATPS	Based on BX.25 and defined by Bellcore TR-385. The physical media is dedicated, packet switched or dial-up links.	Active
Switches using High Capacity Automatic Message Accounting Protocol (HICAP), such as the Operations & Maintenance Platform (OMP) of the Lucent Technologies Autoplex switch	HICAP	HICAP	Modeled after AMATPS but replaces BX.25 with TCP/IP remote procedure calls	Active

Source Interfaces or Applications	Source Type	Protocol	Protocol Description	Protocol Type
Lucent Technologies international 5ESS switches	5ESSI	FTAM	File transfer protocol requiring the OSI seven layer stack	Active
Switches using E WSD interface	EWSD			
Any other sources using an FTAM interface	GFTAM			
Lucent Technologies Service Control Point (SCP)/Service Circuit Node (SCN)	SCP			
Any source using File Transfer Protocol (FTP) type interfaces	FTP	FTP	File transfer protocol of the TCP/IP suite The FTP source type can be receiver- or sender-initiated.	Active or Passive
AMADNS Data Server to Data Processing and Management Systems Interface (DPMS) Interface (DDI) type switches	DDI			
Ericsson AXE switches using Adjunct Processor (AP), File Operations Gateway (FOG), and Universal Data Collector (UDC) interfaces	EAP EFOG EUDC			Passive

Source Interfaces or Applications	Source Type	Protocol	Protocol Description	Protocol Type
Ericsson switches using Ericsson Message Transfer Protocol (MTP)	EMTP	MNP/MTP (X.25)	Multi-Network Protocol (MNP) multi-link file transfer with 1 to 4 logical X.25 links	Passive
Switches using the AFT facility, such as the Northern Telecom Wireless Switches (DMS-MTX) Northern Telecom Wireline Switches (DMS-250)	AFT		Message Transfer Protocol (MTP) for single link file transfer with a logical X.25 link Both protocols are supported by the AFT utility and Ericsson switches using Ericsson MTP DM only supports one logical X.25 link for each Nortel AFT interface AFT over X.25 is sender-initiated. If it is necessary to end a session before the file has been completely transmitted, only the last unacknowledged block is sent	
	AFTCP		Used to poll any source that supports AFT over TCP/IP for the DMS-250 MNP or MTP protocol AFT over TCP/IP is receiver-initiated and file-based. An appropriate CNT_ERR message is sent, if it is necessary to end a session before the file has been completely transmitted. The next session begins with the last acknowledged block from the file in some circumstances but the last acknowledged one in others	
Motorola EMX switches using Motorola Serial Data Acquisition System (DAS) ports	Motorola	DAS	High-level Data Link Control (HDLC) protocol for Motorola DAS	Passive

Source Interfaces or Applications	Source Type	Protocol	Protocol Description	Protocol Type
Switches using a CONNECT:Direct interface CONNECT:Direct has been deployed by the major Local Exchange Carriers (LECs) to provide a common standard for data exchange between their companies. A LEC is a local phone company	CD	CONNECT:Direct	File transfer system to transport data between mainframe, mini and micro computers. It provides additional security over standard FTP. CONNECT:Direct was formerly known as Network DataMover	Passive
Switches using the CDRP facility such as Lucent Technologies 4ESS switches	CDRP	CDRP	AMA transmitter for the 4ESS switch used exclusively by AT&T. DM interfaces to the CDRP for the collection of AMA data in AMATPS blocks	Passive
BILLDATS II Collectors	FILE	FILE	Protocol from BILLDATS II or BILLDATS IV Collectors.	Passive

Table 3 Supported Source Interfaces — Applications or Mediation Features

Source Interfaces or Applications	Source Type and Protocol
DM Correlation mediation feature Correlate source types provide storage internal to DM for Correlation files	CORRELATE
DM Exception File Management application Exception source types provide storage for exception data files generated during data file transmission.	EXCEPTION
DM Report Transmission application Report source types provide storage internal to DM for output files of these reports: <ul style="list-style-type: none"> • Transmission Statistics • Polling Statistics • Journal • Gap Analysis • CDDS Statistics • Custom • Enhanced Journal • Record Processing Accounting 	REPORT

Source Interfaces or Applications	Source Type and Protocol
DM Production Search mediation feature Search source types provide storage internal to DM for Production Search output files.	SEARCH
DM Tape application Tape source types provide storage for usage data files read from tape.	TAPE
DM Tracer Distribution application Tracer source types provide storage internal to DM for Tracer Distribution output files.	TRACER

Working with Tracer Sources

Tracer sources are storage areas for files of tracer records. The tracer sources allow DM to:

- Transmit tracer records to a different destination than the one receiving the data records
- Transmit tracer records that have been updated with transmission record counts

A Tracer source is generated when a destination is created or updated with the value of the Tracer Distribution field set to Yes.

Tracer records

Tracer records contain counts of call detail records generated by the source, counts of records collected by DM, and counts of records transmitted to the destination. These records can be analyzed to determine if call data records are being lost as they are transferred from a source to DM and from DM to the destination.

Tracer record processing

Tracer record processing is the updating of the Received, Sent, and Lost values on the primary tracer records in AMA data records. DM performs tracer record processing for these source types:

- AMATPS
- AMADNS
- DDI
- HICAP
- CDRP

Primary tracer counts

For the AMATPS and HICAP sources, primary tracer records are received hourly. The primary tracer counts increment through the day until the source indicates a daily reset of the count.

Primary tracer records for AMADNS sources also increment counts in this manner. However, DM resets the count each time it receives a primary tracer record.

Tracer sources

Tracer sources store files of tracer records that contain both the count of records received by DM and the count of records transmitted to the destination. This lets you transmit the completed tracer records to another downstream process that analyzes the number of records received and transmitted by DM to make certain the count of records generated by the source matches the count of records transmitted to the destination.

Tracer records for CDRP data

The CDRM system receives a filtered feed of tracer records from each data record file sent to a destination called the RICS system. Since the RICS system receives an hourly feed of data from DM, the CDRM system would have to wait an hour or more before receiving the filtered tracer records. To avoid the delay, DM filters out the tracer records upon transmission to the destination. DM then stores copies of the tracer records with the Sent, Received, and Lost values updated under a tracer source. The updated tracer records are either distributed to the CDRM system manually or at a scheduled time.

Working with the Expansion Option for AMA Records

Record expansion option

This table describes the scenarios possible with the record expansion option

IF the option is set to ...	AND the source is a ...	THEN ...
Yes	Multi-switch	The Recording Office ID and the Recording Office Type are expanded in the AMA record
Yes	Not a multi-switch	The Recording Office ID, the Recording Office Type, the Sensor ID, and the Sensor Type are expanded in the AMA record
No	Either	No record expansion is done

Secondary data

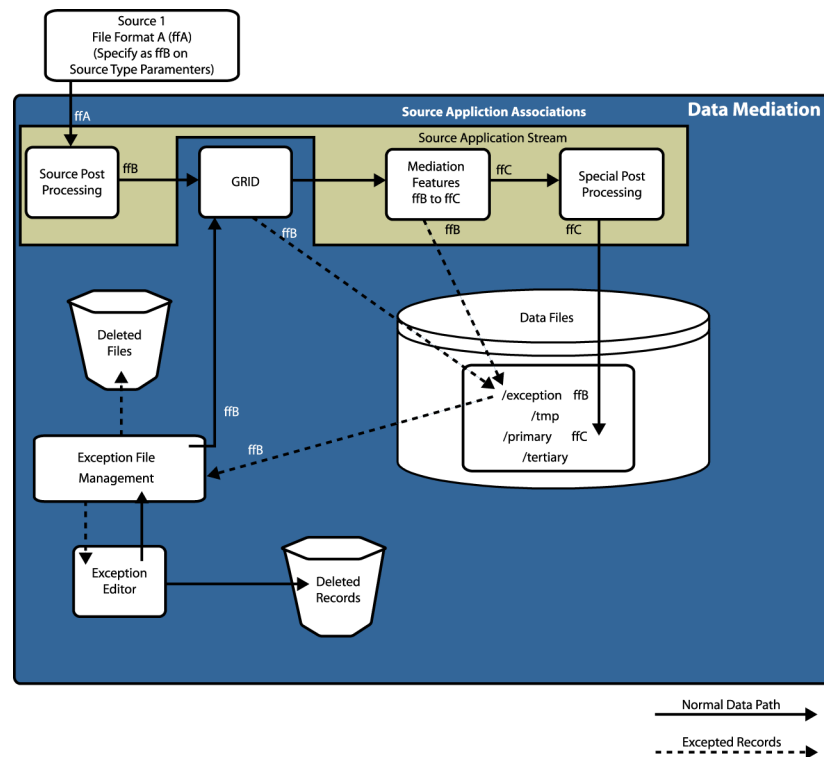
For secondary data, the Sensor ID field must always be in the proper position in the AMA record. This is because the secondary indicator is set to a value of 1, regardless of the Record Expansion setting.

A *multi-switch source* is one that provides information from multiple switches, either in a single file or in alternating files.

Understanding the Source Application Associations Process

This is a pictorial example of the processing flow for mediation on input with the Source Post Processing and Exception File Management feature specified on the [Source Page](#). In this example, Source 1 generates file format A (ffA) type files. The source post processing changes the ffA files to ffB files. A mediation feature, Format Conversion or Package Manager, installed in the source application stream converts the ffB files to ffC files that are stored in the Source 1 primary directory.

Figure 1 Processing Flow - Mediation on Input



- The file format, identified as ffA in the data flow example, can only be changed before being placed in the DM primary directory by the Source Post Processing, Format Conversion Module, or Package Manager features.
- Mediation Features listed on the Application Manager are executed after the successful completion of any source post processing specified on the [Source Page](#).
- The data file records are parsed by GRID and handed off to the Application Manager to process applications installed in the Source Application Stream.
- When the exceptions feature is enabled, only GRID, Validation, and Format Conversion Module features can generate exception records or files on input.

- Records excepted on input are sent to the exception directory for the source. So, an empty file can be committed to the primary or tertiary directory.
- If GRID is unable to continue parsing beyond an exception record, a GRID ABORT occurs and the entire file is sent to the exception source.
- Excepted input records can be edited and verified. The corrected files can then be sent to the primary or tertiary directory and returned to the processing stream, held for user disposition, or deleted.
- No GRID Journal records are generated for files processed through the source application stream.
- The resulting output file is committed to the designated primary directory where it is stored until the data is transmitted downstream.

Understanding Merging Files

When using the File Merge feature:

- The feature is specified on a source to destination pair.
- The frequency of transmission is based on the normal scheduling provided by DM.
- If data to be transmitted exceeds the maximum limit for the output file, the output file is closed and another output file is opened.
- Files are not split across merged output files.
- The number of destination or source pairs that can use the File Merge feature is dependent upon the disk space allocated to build the output files.
- Engineering must take place to be sure that the temporary file system used for concatenating the files is large enough to handle the merged output file.
- Production Filter or Format can affect the size of the output file.
- The File Merge feature cannot be used with Record Based Transmission.
- The File Merge feature affects generic file naming parameters. If the file format has defined file headers or trailers, the output files use the first input file header and the last input file trailer. All interim file headers and trailers are discarded.

Temporary file system

When choosing a file system to use as the temporary space to build the merged output file, ensure that the file system has enough space for the maximum sized output file. If the file system runs out of space, the transmission of the output file or files fails. One way to prevent this is to assign only one destination using the File Merge feature to a file system.

Interaction with Production Filter or Format

When the merged files are filtered or formatted, the filtering or formatting is done after the files have been merged. If the output file is filtered after a merge, it can be smaller than the Maximum File Size value. If the output file is formatted after a merge, it can be either larger or smaller than the Maximum File Size value.

Working with Output File Naming

The output file sent to a destination that merges multiple input files uses the same output file name functionality as normal output files. However, individual files within a merged file cannot retain the files names. For example, if block sequence numbering is used in file naming, the first block sequence number in the first file and the last block sequence number in the last file are used for the merged file output name.

The order of file transmission also has an impact. The output file name macros used on the ["Destination Type Parameters Page" \(6-45\)](#) are derived from the transmitted order of files.

Output file name macros

[Table 4, "Output File Name Macros" \(-24\)](#), lists affected output file name macros, the value of the macro, and the file that the value is derived from if the File Merge feature is used.

Table 4 Output File Name Macros

Macro	Value	File Origin of Value
BEGBLKSEQ	Beginning block sequence number	First file merged
ENDBLKSEQ	Ending block sequence number	Last file merged
Notes: <ul style="list-style-type: none"> The BEGBLKSEQ and ENDBLKSEQ macros can support up to a 9 digit sequence number The optional format is {BEGBLKSEQ(N,P)} where N specifies the maximum number of digits, 1-9 P indicates padding and is specified as Y or N If padding is specified, the number is right justified and padded with leading zeroes. If padding is not specified, the number is output up to the maximum number of digits and then truncated The default is (6,Y) if no arguments are specified 		
FILESEQ	File sequence number that occurs as part of the input file name Input file names from Ericsson, Nortel, and DDI contain only sequence numbers	Last file merged
DUPEXT	Two digit duplicate value extension added to file names polled when the input name is the same as a previous file polled	Last file merged
INPUTFILENAME	Entire input file name as stored on DM's disk	Last file merged

Macro	Value	File Origin of Value
PRISECIND	One character indicator that represents the polling type of the file being transferred. Options are: <ul style="list-style-type: none"> • p — primary file • s — secondary filesleepy1 	First file merged
PRISCTERM	Term that represents the polling type of the file being transferred. Options are: <ul style="list-style-type: none"> • Primary • Secondary 	First file merged
DTPOLL	Date or time that the file is polled Several date and time formats are available. See {DTTRANS ()} for the variables used in these formats.	First file merged
DTOPEN	Date or time that the file is opened <ul style="list-style-type: none"> • Several date and time formats are available. See {DTTRANS ()} for the variables used in these formats. • This field is applicable for DAS source types. 	First file merged

Understanding Sources, Input Tape Formats, and Conversions

[Table 5, "File Conversions" \(-26\)](#) lists the file conversions that are allowed for a source and input tape format combination.

Table 5 File Conversions

For associated source type of ...	IF the input tape format is ...	THEN the valid file conversion is ...
5ESSI	CLDS	None
	RAW	
AFT	RAW	
AFTCP		
AMATPS/HICAP	CLDS	CLDS or AMA
	RAW	None
CDRP	CLDS	CLDS
	RAW	None
CONNECT:Direct	RAW	None
DDI	CLDS	CLDS or AMA
	RAW	None
EAP/EFOG/EUDC	RAW	
EMTP	RAW	
EWSD	RAW	
File	CLDS	
	RAW	
FTP	CLDS	
	RAW	
GFTAM	CLDS	
	RAW	
Motorola DAS	DAS	No File Header, or File Header
	RAW	None
SCP	CLDS	CLDS, AMA, or none
	RAW	no conversion

Understanding Input Tape Formats, Sources, and File Conversions

[Table 6, "Source Types and File Conversions" \(-27\)](#), lists the associated source types and file conversions that are allowed for each input tape format.

Table 6 Source Types and File Conversions

Input Tape Format	Associated Source Types	Possible File Conversions
CLDS	HICAP/AMATPS	CLDS or AMA
	DDI	CLDS or AMA
	SCP	CLDS, AMA, or none
	CLDS	CLDS
DAS	DAS	File header or no file header
	Any other source type	None
RAW	Any source type	None

Understanding Data Collection

Data collection is determined by the protocols established for the sources and Data Mediation system. The Data Mediation system supports multiple source interfaces and protocols with a separate process instance for each polled source. Consequently, multiple independent streams of data from different types of sources can all flow simultaneously into the Data Mediation system.

Data collection sessions can be initiated by the Data Mediation system or the source. The source sends the call detail records or usage data to the Data Mediation system over a data connection. These records are collected and grouped into a data file.

Primary data

Primary data files reside on both the source and the Data Mediation system. The primary data files located on the source contain data that has not been sent to the Data Mediation system. The primary data files located on the Data Mediation system contain data that has been sent from a source.

Secondary data

Secondary data resides only on the source; not all switches support secondary data. The source marks primary data files as secondary data after it receives the file confirmation message from the Data Mediation system.

Understanding Data Storage

The Data Mediation system collects call detail records or usage data from a source and stores the records as files in a temporary directory. When data collection is complete, the files are moved from the temporary directory to a primary directory. The files remain in the primary directory until they are transmitted to all designated destinations. When transmission is complete, the Data Mediation system moves the files to the tertiary directory.

File names are systematically assigned based on the source type generating the original call detail record or usage data. Each source type uses a unique file naming convention.

Examples

Examples of billing directory names for temporary, primary, and tertiary data storage follow:

- `/billing1/source_name/tmp`
- `/billing1/source_name/primary`
- `/billing1/source_name/tertiary`

References

- For information about file name conventions for each source type, see ["File Name Conventions" \(1-3\)](#) in the *File Name Conventions Reference Guide*

2 Sources Application Pages

This chapter describes the Sources application pages, including information on:

- Opening the Sources pages
- Creating sources
- Updating sources

Create a New Source Wizard

After you ["Open the Create a New Source Wizard" \(3-64\)](#), you can ["Create a New Source" \(3-65\)](#).

Create a New Source Wizard – Page 1

Figure 2 Create a New Source Wizard – Page 1

Source

*Source Name: abc Real Time Format: 64asciiInput
*Type: SESSI *File Format: 64asciiOutput
*Alarm Timer: 24 (0-9999)
*File Prefix:

Protocol: FTAM

Generate Exceptions Archive

Exceptions Archives

Cancel Reset Next

Elements

These elements are on this page and are described in the *GUI Elements Reference Guide*:

- [Alarm Timer](#)
- [Archive](#)
- [File Format](#)
- [File Prefix](#)
- [File Prefix \(for 5ESSI type\)](#)
- [Generate Exceptions](#)
- [Max Blocks in CLDS](#)
- [Primary](#)
- [Protocol \(for Sources\)](#)
- [Real Time Format](#)
- [Source Component ID](#)

- [Source Name](#)
- [Tertiary](#)
- [Type \(for Sources\)](#)

Create a New Source Wizard for 5ESS Type – Page 2

Figure 3 Create a New Source Wizard for 5ESS Type – Page 2

CSG Data Mediation Administration

Create A New Source

Source

Source Name: abc

Type: 5ESS1

Login ID: abd *Password: ****

Telephone Number: 717-888-7777 Continuous Polling: ☐

2 Available Files

Device Configuration File ↓	
	/72/opt/DM72/config/conf.d/Adax/dedicated.port1
	/72/opt/DM72/config/conf.d/Adax/port_cfg

1 Selected File

Device Configuration File ↓	
	/72/opt/DM72/config/conf.d/Adax/dedicated.port0

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Cancel Previous Reset Next

Elements

These elements are on this page and are described in the *GUI Elements Reference Guide*:

- [Continuous Polling](#)
- [Device Configuration File](#)
- [Login ID](#)
- [Password \(for Sources\)](#)
- [Source Name](#)
- [Telephone Number](#)
- [Type \(for System Parameters\)](#)

Create a New Source Wizard for AFT Type – Page 2

Figure 4 Create a New Source Wizard for AFT Type – Page 2

CSG Data Mediation

Administration

Create A New Source

Source

Source Name: abc

Type: AFT

*Host ID: abc

Maximum File Size: 0 (0-10,000,000) Add GSR: ☐

Maximum Blocks/File: 0 (0-4882) Add GER: ☐

Maximum File Interval: 0 (0-86400)

Help

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Elements

These elements are on this page and are described in the *GUI Elements Reference Guide*:

- [Add GER](#)
- [Add GSR](#)
- [Host ID](#)
- [Maximum Blocks/File](#)
- [Maximum File Interval](#)
- [Maximum File Size \(for the Source Type Parameters Page\)](#)
- [Source Name](#)
- [Type \(for Sources\)](#)

Create a New Source Wizard for AFTCP Type – Page 2

Figure 5 Create a New Source Wizard for AFTCP Type – Page 2

Source

Source Name: abc

Type: AFTCP

*Port Number: 30000 30000 for billing data/30001 for OM data Maximum File Size: 0 (0-10,000,000)

*Block Size: 2048 (64-32767) Maximum Blocks/File: 0 (0-4882)

*Network Timeout: 0 (0-100000) Maximum File Interval: 0 (0-86400)

*Host Names: host1,host2 Use commas(,) to separate entries, eg., hostname1, hostname2

AFTCP Protocol: AUTODETECT

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Elements

These elements are on this page and are described in the *GUI Elements Reference Guide*:

- [AFTCP Protocol](#)
- [Block Size](#)
- [Host Names](#)
- [Maximum Blocks/File](#)
- [Maximum File Interval](#)
- [Maximum File Size \(for the Source Type Parameters Page\)](#)
- [Network Timeout](#)
- [Port Number \(for Sources\)](#)
- [Source Name](#)
- [Type \(for Sources\)](#)

Create a New Source Wizard for AMATPS Type – Page 2

Figure 6 Create a New Source Wizard for AMATPS Type – Page 2

Source

Source Name: abc

Type: AMATPS

*Sensor ID: (000000-999999)

*Sensor Type: (000-999)

*Sending Unit Number: (0-9)

*Polling Threshold: minutes (0-1439)

Telephone Number:

Record Expansion? ☒

Continuous Polling: ☐

File Conversion: CLDS

*Number of Files to Aggregate: (1-100)

*Source Component ID: (xxyyyy, where xx=01-15 yyyy=0001-4096)

*Max Blocks in CLDS: (100-999999)

5 Available Files

Device Configuration File ↓

- /usr/net/AMATPS/dcf/adax.0.1
- /usr/net/AMATPS/dcf/adax.0.6
- /usr/net/AMATPS/dcf/adax.1.1

0 Selected Files

Device Configuration File ↓

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Elements

These elements are on this page and are described in the *GUI Elements Reference Guide*:

- [Continuous Polling](#)
- [Device Configuration File](#)
- [File Conversion](#)
- [File Format](#)
- [Max Blocks in CLDS](#)
- [Number of Files to Aggregate](#)
- [Polling Threshold](#)
- [Record Expansion](#)
- [Sending Unit Number](#)
- [Sensor ID](#)
- [Sensor Type](#)
- [Source Component ID](#)
- [Source Name](#)
- [Telephone Number](#)
- [Type \(for Sources\)](#)

Create a New Source Wizard for CD Type – Page 2

Figure 7 Create a New Source Wizard for CD Type – Page 2

CSG Data Mediation

Administration

Create A New Source

Source

Source Name: abc

Type: CD

*Remote Node Name:

Configure

User Authorization Information File

Edit

Help

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Elements

These elements are on this page and are described in the *GUI Elements Reference Guide*:

- [Configure Button](#)
- [Edit Button](#)
- [Remote Node Name](#)
- [Source Name](#)
- [Type \(for Sources\)](#)

Create a New Source Wizard for CDRP Type – Page 2

Figure 8 Create a New Source Wizard for CDRP Type – Page 2

Source

Source Name: abc

Type: CDRP

*Sensor ID: (000000-999999)

*Sensor Type: 042 (000-999)

*Sending Unit Number: 0 (0-9)

*Number Of Files To Aggregate: 5 (1-100)

*TCP/IP Port To Monitor: 4950 (1025-65535)

Record Expansion? ☒

*Source Password:

*DM Password:

File Conversion: CLDS

*Aggregation Interval: 240 seconds

*Max Blocks in CLDS: 900 (100-999999999) blocks

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Elements

These elements are on this page and are described in the *GUI Elements Reference Guide*:

- [Aggregation Interval](#)
- [DM Password](#)
- [File Conversion](#)
- [Max Blocks in CLDS](#)
- [Number of Files to Aggregate](#)
- [Record Expansion](#)
- [Sending Unit Number](#)
- [Sensor ID](#)
- [Sensor Type](#)
- [Source Name](#)
- [Source Password](#)
- [TCP/IP Port to Monitor](#)
- [Type \(for Sources\)](#)

Create a New Source Wizard for DDI Type – Page 2

Figure 9 Create a New Source Wizard for DDI Type – Page 2

Source

Source Name: abc
Type: DDI

*Login:
*Password:
*Port Number:
For Sender Initiated: 1025-65535; for Receiver Initiated: 1-65535

RSH Command:
Script Name: **Edit**

*Source Component ID: (xxyyyy, where xx=01-15 yyyy=0001-4096)
*Host Names:
Use commas(,) to separate entries, eg., hostname1, hostname2

File Conversion: *Block Size: (2048-30720)

*Max Blocks in CLDS: (100-999999) blocks
*Number of Files to Aggregate: (1-32768)
*Aggregation Interval: (0-32768)

AMA Data? ☒ Record Expansion? ☒
FTP Rename? ☒
File Priority: (1-4)
Continuous Polling? ☒ *Polling Interval: (5-600)

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Elements

These elements are on this page and are described in the *GUI Elements Reference Guide*:

- [Aggregation Interval](#)
- [AMA Data](#)
- [Continuous Polling](#)
- [Edit Button](#)
- [File Priority](#)
- [FTP Rename](#)
- [Host Names](#)
- [File Conversion](#)
- [Login](#)
- [Number of Files to Aggregate](#)
- [Password \(for Sources\)](#)
- [Polling Interval](#)
- [Port Number \(for Sources\)](#)
- [Record Expansion](#)
- [RSH Command](#)

- [Script Name](#)
- [Source Component ID](#)
- [Source Name](#)
- [Type \(for Sources\)](#)

Create a New Source Wizard for EAP Type – Page 2

Figure 10 Create a New Source Wizard for EAP Type – Page 2

CSG Data Mediation
Administration

Create A New Source

Source

Source Name: abc

Type: EAP

*Login:

*Password:

*Port Number:

For Sender Initiated: 1025-65535; for Receiver Initiated: 1-65535

*Host Names:

Use commas(,) to separate entries, eg., hostname1, hostname2

FTP Rename? Y

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Elements

These elements are on this page and are described in the *GUI Elements Reference Guide*:

- [FTP Rename](#)
- [Host Names](#)
- [Login](#)
- [Password \(for Sources\)](#)
- [Port Number \(for Sources\)](#)
- [Source Name](#)
- [Type \(for Sources\)](#)

Create a New Source Wizard for EFOG Type – Page 2

Figure 11 Create a New Source Wizard for EFOG Type – Page 2

CSG Data Mediation
Administration

Create A New Source

Source

Source Name: abc

Type: EFOG

*Login:

*Password:

*Port Number:

For Sender Initiated: 1025-65535; for Receiver Initiated: 1-65535

*Host Names:

Use commas(,) to separate entries, eg., hostname1, hostname2

FTP Rename? Y

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Elements

These elements are on this page and are described in the *GUI Elements Reference Guide*:

- [FTP Rename](#)
- [Host Names](#)
- [Login](#)
- [Password \(for Sources\)](#)
- [Port Number \(for Sources\)](#)
- [Source Name](#)
- [Type \(for Sources\)](#)

Create a New Source Wizard for EMTP Type – Page 2

Figure 12 Create a New Source Wizard for EMTP Type – Page 2

CSG Data Mediation
Administration

Source

Source Name: abc

Type: EMTP

*Host ID:

Maximum File Size: (0-10,000,000)

Maximum Blocks/File: (0-4882)

Maximum File Interval: (0-86400)

*Data Block Size: (500-52000)

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Cancel **Previous** **Reset** **Next**

Elements

These elements are on this page and are described in the *GUI Elements Reference Guide*:

- [Data Block Size](#)
- [Host ID](#)
- [Maximum Blocks/File](#)
- [Maximum File Interval](#)
- [Maximum File Size \(for the Source Type Parameters Page\)](#)
- [Source Name](#)
- [Type \(for Sources\)](#)

Create a New Source Wizard for EUDC Type – Page 2

Figure 13 Create a New Source Wizard for EUDC Type – Page 2

Source

Source Name: abc

Type: EUDC

*Login:

*Password:

*Port Number:

*Host Names:

For Sender Initiated: 1025-65535; for Receiver Initiated: 1-65535

Use commas(,) to separate entries, eg., hostname1, hostname2

FTP Rename? Y

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Elements

These elements are on this page and are described in the *GUI Elements Reference Guide*:

- [FTP Rename](#)
- [Host Names](#)
- [Login](#)
- [Password \(for Sources\)](#)
- [Port Number \(for Sources\)](#)
- [Source Name](#)
- [Type \(for Sources\)](#)

Create a New Source Wizard for EWSD Type – Page 2

Figure 14 Create a New Source Wizard for EWSD Type – Page 2

Source

Source Name: abc

Type: EWSD

*Filestore Name:

*Initiator ID:

*Initiator Password:

Telephone Number:

*File Names:

Use commas(,) to separate entries, eg., filename1, filename2

4 Available Files

Device Configuration File ↓

- /usr/net/AMATPS/df/adax.0.6
- /usr/net/AMATPS/df/adax.1.1
- /usr/net/AMATPS/df/adax.1.6

1 Selected File

Device Configuration File ↓

- /usr/net/AMATPS/df/adax.0.1

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Elements

These elements are on this page and are described in the *GUI Elements Reference Guide*:

- [Device Configuration File](#)
- [File Names](#)
- [Filestore Name](#)
- [Initiator ID](#)
- [Initiator Password](#)
- [Source Name](#)
- [Telephone Number](#)
- [Type \(for Sources\)](#)

Create a New Source Wizard for FILE Type – Page 2

Figure 15 Create a New Source Wizard for FILE Type – Page 2

CSG Data Mediation
Administration

Source

Source Name: abc

Type: FILE

*User ID:

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Elements

These elements are on this page and are described in the *GUI Elements Reference Guide*:

- [Source Name](#)
- [Type \(for Sources\)](#)
- [User ID \(for Sources\)](#)

Create a New Source Wizard for FTP Type – Page 2

Figure 16 Create a New Source Wizard for FTP Type – Page 2

Source

Source Name: abc

Type: FTP

*Login: [text box]

*Password: [text box]

*Port Number: [text box]
For Sender Initiated: 1025-65535; for Receiver Initiated: 1-65535

RSH Command: [text box]

Script Name: [mikeDef] [Edit]

*Host Names: [text box]
Use commas(,) to separate entries, eg., hostname1, hostname2

FTP Rename? ☒

Continuous Polling? ☒

*Polling Interval: [60] (5-600) seconds

*Aggregation Interval: [0] (0-32768)

*Number of Files to Aggregate: [1] (1-32768)

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Elements

These elements are on this page and are described in the *GUI Elements Reference Guide*:

- [Aggregation Interval](#)
- [Continuous Polling](#)
- [FTP Rename](#)
- [Host Names](#)
- [Login](#)
- [Number of Files to Aggregate](#)
- [Password \(for Sources\)](#)
- [Polling Interval](#)
- [Port Number \(for Sources\)](#)
- [RSH Command](#)
- [Script Name](#)
- [Source Name](#)
- [Type \(for Sources\)](#)

Create a New Source Wizard for GFTAM Type – Page 2

Figure 17 Create a New Source Wizard for GFTAM Type – Page 2

Source

Source Name: abc

Type: GFTAM

*Filestore Name:

*Initiator ID:

*Initiator Password:

*Script Name: **Edit**

Commit Empty Files? ☐

Transport Layer:

Telephone Number:

File Names:
 Use commas(,) to separate entries, eg., filename1, filename2

4 Available Files

Device Configuration File ↓
/usr/net/AMATPS/df/adax.0.6
/usr/net/AMATPS/df/adax.1.1
/usr/net/AMATPS/df/adax.1.6

1 Selected File

Device Configuration File ↓
/usr/net/AMATPS/df/adax.0.1

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Cancel **Previous** **Reset** **Next**

Elements

These elements are on this page and are described in the *GUI Elements Reference Guide*:

- [Commit Empty Files](#)
- [Device Configuration File](#)
- [File Names](#)
- [Filestore Name](#)
- [Initiator ID](#)
- [Initiator Password](#)
- [Script Name](#)
- [Source Name](#)
- [Telephone Number](#)
- [Transport Layer](#)
- [Type \(for Sources\)](#)

Create a New Source Wizard for GTPP Type – Page 2

Figure 18 Create a New Source Wizard for GTPP Type – Page 2

Source

Source Name: abc

Type: GTPP

*Port Number: 3386 (1025-65535)

Protocol: UDP

*Aggregation Interval: 0 (seconds, 0-999)

Records Per File: 1000 (0-999999)

Real-Time Aggregation Interval: 0 (seconds, 0-999)

Real-Time Records Per File: 100 (0-9999)

IP Addresses/Host Names:

Timeout: 20 (seconds, 5-90)

Maximum Number of Request Attempts: 5 (1-10)

Data Transfer Window Size: 10 (1-200)

Data Transfer Window Interval: 10 (seconds, 0-60)

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Elements

These elements are on this page and are described in the *GUI Elements Reference Guide*:

- [Aggregation Interval](#)
- [Data Transfer Window Interval](#)
- [Data Transfer Window Size](#)
- [IP Addresses/Host Names](#)
- [Maximum Number of Request Attempts](#)
- [Port Number \(for Sources\)](#)
- [Protocol \(GTPP\)](#)
- [Real-Time Aggregation Interval](#)
- [Real-Time Records Per File \(for GTPP types\)](#)
- [Records Per File](#)
- [Source Name](#)
- [Timeout](#)
- [Type \(for Sources\)](#)

Create a New Source Wizard for HICAP Type – Page 2

Figure 19 Create a New Source Wizard for HICAP Type – Page 2

Source

Source Name: abc

Type: HICAP

*Sensor ID: (000000-999999)

*Max Blocks in CLDS: (100-999999)

*Sensor Type: (000-999)

*Sending Unit Number: (0-9)

*Host Name:

Record Expansion? ☒

Continuous Polling: ☐

File Conversion: (AMA)

*Number of Files to Aggregate: (1-100)

*Source Component ID: (xxxxxx, where xx=01-15 yyyy=0001-4096)

*Max Block Sequence Number: (999999 - 999999999)

Remote Procedure Call (RPC)

*Password:

*Timeout: (60 - 120 seconds)

*Configuration File:

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Cancel Previous Reset Next

Elements

These elements are on this page and are described in the *GUI Elements Reference Guide*:

- [Configuration File](#)
- [Continuous Polling](#)
- [File Conversion](#)
- [Host Name \(for Sources\)](#)
- [Max Blocks in CLDS](#)
- [Max Block Sequence Number](#)
- [Number of Files to Aggregate](#)
- [Password \(for Sources\)](#)
- [Record Expansion](#)
- [Sending Unit Number](#)
- [Sensor ID](#)
- [Sensor Type](#)
- [Source Component ID](#)
- [Source Name](#)
- [Timeout](#)

- [Type \(for Sources\)](#)

Create a New Source Wizard for Motorola Type – Page 2

Figure 20 Create a New Source Wizard for Motorola Type – Page 2

Source

Source Name: abc

Type: Motorola

*Maximum File Size: 5000000 10,000-10,000,000

*Maximum Records/File: 50000 0, or 100-1,000,000

*Maximum File Interval: 3600 0, or 60-86400

File Conversion: No File Header

Open New File? ☐

Primary AMA (PA1) Port

*Port Number: (0-65536)

Port Type: V.35

LAPB Mode: DTE

Secondary AMA 1 (SA1) Port

*Port Number: (0-65536)

Port Type: V.35

LAPB Mode: DTE

*Real Time Max. File Size: 2048 100 - 10,000,000

*Real Time Max. Records/File: 20 0(unlimited) or 1 - 1,000,000

*Real Time Max. File Interval: 60 0 (unlimited) or 1 - 86,400

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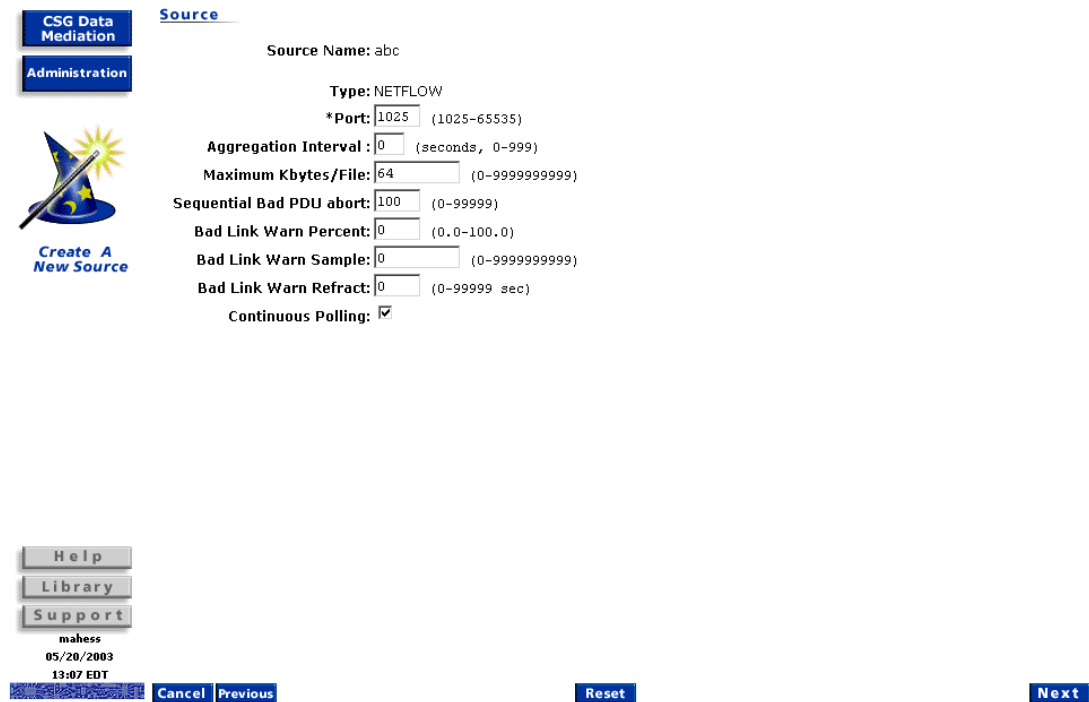
Elements

These elements are on this page and are described in the *GUI Elements Reference Guide*:

- [File Conversion](#)
- [LAPB Mode](#)
- [Maximum File Interval](#)
- [Maximum File Size \(for the Source Type Parameters Page\)](#)
- [Maximum Records/File](#)
- [Open New File?](#)
- [Port Number \(for Sources\)](#)
- [Port Type](#)
- [Real Time Max. File Interval](#)
- [Real Time Max. File Size](#)
- [Real Time Max. Records/File](#)
- [Source Name](#)
- [Type \(for Sources\)](#)

Create a New Source Wizard for NETFLOW Type – Page 2

Figure 21 Create a New Source Wizard for NETFLOW Type – Page 2



Source

Source Name: abc

Type: NETFLOW

*Port: 1025 (1025-65535)

Aggregation Interval: 0 (seconds, 0-999)

Maximum Kbytes/File: 64 (0-999999999)

Sequential Bad PDU abort: 100 (0-99999)

Bad Link Warn Percent: 0 (0.0-100.0)

Bad Link Warn Sample: 0 (0-999999999)

Bad Link Warn Refract: 0 (0-99999 sec)

Continuous Polling: ☒

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Elements

These elements are on this page and are described in the *GUI Elements Reference Guide*:

- [Aggregation Interval](#)
- [Bad Link Warn Percent](#)
- [Bad Link Warn Refract](#)
- [Bad Link Warn Sample](#)
- [Continuous Polling](#)
- [Maximum Kbytes/File](#)
- [Port](#)
- [Sequential Bad PDU abort](#)
- [Source Name](#)
- [Type \(for Sources\)](#)

Create a New Source Wizard for REPORT Type – Page 2

Figure 22 Create a New Source Wizard for REPORT Type – Page 2

Source

Source Name: abc

Type: REPORT

Report Name: Journal

*Report Type: Report

Destination:

Source:

Sort By: Date/Time Only

*Custom Report Name: (Pick_One)

Report Interval: Hourly

Report Latency Interval: 1

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Elements

These elements are on this page and are described in the *GUI Elements Reference Guide*:

- [Custom Report Name](#)
- [Destination](#)
- [Report Interval \(for Sources\)](#)
- [Report Latency Interval](#)
- [Report Name](#)
- [Report Type \(for Sources\)](#)
- [Sort by \(for Source Type Parameters Page\)](#)
- [Source](#)
- [Source Name](#)
- [Type \(for Sources\)](#)

Create a New Source Wizard for SFTP Type – Page 2

Figure 23 Create a New Source Wizard for SFTP Type – Page 2

Source

Source Name: abc Type: SFTP

Continuous Polling: ☒

IP Addresses/Host Names:

Aggregation Interval: (seconds, 0-999)

*Login:

*Password:

Port Number: (1-65535)

Commit Empty Files: ☒

Delete Files: ☐

Rename Files: ☐

SFTP Network Timeout:

*Primary Directory:

*Secondary Directory:

*Rename To Directory:

File Name Pattern: (Regular Expression)

File Sorting Order:

Ignore: (First N Files are not polled)

Poll Pause: (Seconds to sleep for continuous)

Prefix for Renaming File:

Suffix for Renaming File:

Prefix chars to remove when renaming file:

Suffix chars to remove when renaming file:

Number of files to Aggregate:

Elements

These elements are on this page and are described in the *GUI Elements Reference Guide*:

- [Aggregation Interval](#)
- [Commit Empty Files](#)
- [Continuous Polling](#)
- [Delete Files](#)
- [File Name Pattern](#)
- [File Sorting Order](#)
- [Ignore](#)
- [IP Addresses/Host Names](#)
- [Login](#)
- [Number of Files to Aggregate](#)
- [Password \(for Sources\)](#)
- [Poll Pause](#)
- [Port Number \(for Sources\)](#)
- [Prefix chars to remove when renaming file](#)
- [Prefix for Renaming File](#)

- [Primary Directory](#)
- [Rename Files?](#)
- [Rename To Directory](#)
- [Secondary Directory](#)
- [SFTP Network Timeout](#)
- [Source Name](#)
- [Suffix chars to remove when renaming file](#)
- [Suffix for Renaming File](#)
- [Type \(for Sources\)](#)

Create a New Source Wizard for SNMP Type – Page 2

Figure 24 Create a New Source Wizard for SNMP Type – Page 2

Source

Source Name: abc

Type: SNMP

*Host: (v1/v2c/v3)

Version: 1

*Polling Tables: (v1/v2c/v3)

*Port: 161 (v1/v2c/v3)

Retries: 3 (v1/v2c/v3)

Timeout(v1/v2c/v3): 5 (sec)

Community: public (v1/v2c)

Security Engine ID: (v3)

Context Engine ID: (v3)

Context Name: (v3)

Security Name: (v3)

Security Level: noAuthNoPriv

Authentication Protocol: MD5

Authentication Protocol Pass Phrase: (v3)

Privacy Protocol: DES (v3)

Privacy Protocol Pass Phrase: (v3)

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Elements

These elements are on this page and are described in the *GUI Elements Reference Guide*:

- [Authentication Protocol](#)
- [Authentication Protocol Pass Phrase](#)
- [Community](#)
- [Context Engine ID \(v3\)](#)
- [Context Name \(v3\)](#)
- [Host](#)
- [Polling Tables \(v1/v2/v3\)](#)
- [Port](#)
- [Privacy Protocol \(v3\)](#)
- [Privacy Protocol Pass Phrase \(v3\)](#)
- [Retries](#)
- [Security Engine ID](#)
- [Security Level](#)
- [Security Name](#)
- [Source Name](#)

- [Timeout](#)
- [Type \(for Sources\)](#)
- [Version](#)

Create a New Source Wizard for TAPE Type – Page 2

Figure 25 Create a New Source Wizard for TAPE Type – Page 2

CSG Data Mediation
Administration

Create A New Source

Source

Source Name: abc

Type: TAPE

* Associated Source: (Pick_One)

Tape Type: cpio

* Default Tape Read Options: -iBDv -Hstar

System File Prefix:

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Library
Support

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Elements

These elements are on this page and are described in the *GUI Elements Reference Guide*:

- [Associated Source](#)
- [Default Tape Read Options](#)
- [Source Name](#)
- [System File Prefix](#)
- [Tape Type](#)
- [Type \(for Sources\)](#)

Create a New Source Wizard– Page 3

Figure 26 Create a New Source Wizard – Page 3

Source

Source Name: abc

13:42:54 5/20/2003

1 Selected File System

File System ↓
/72/billing

4 Available File Systems

File System ↓
/72/billing2
/billing03
/billtmp
/export/CPL

13:42:54 5/20/2003

Cancel Previous Reset Next

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Elements

These elements are on this page and are described in the *GUI Elements Reference Guide*:

- [File System\(s\)](#)
- [Source Name](#)

Create a New Source Wizard – Page 4

Figure 27 Create a New Source Wizard – Page 4

Source

Source Name: abc
Type: TAPE

1 Associated Destination 13:43:19 5/20/2003

	Name ↓	Status	Suspended?	Max. File Size	Protocol	File System
<input checked="" type="checkbox"/>	A	✗ Inactive	✓ Not Suspended		FTP	/72/billing

Maximum File Size: bytes (1 to 5368709120)
Update Reset

23 Available Destinations 13:43:18 5/20/2003

	Name ↓	Status	Suspended?	Protocol	File System
<input checked="" type="checkbox"/>	AA	✗ Inactive	✓ Not Suspended	FTP	/72/billing
<input checked="" type="checkbox"/>	jsvSFTPdest	✗ Inactive	✓ Not Suspended	SFTP	/72/billing
<input checked="" type="checkbox"/>	jsvSFTPdest2	✗ Inactive	✓ Not Suspended	SFTP	/72/billing
<input checked="" type="checkbox"/>	liaoBECD1	✗ Inactive	✓ Not Suspended	CD	/72/billing

Cancel Previous Reset Finish

mahess
05/20/2003
13:07 EDT

These elements are on this page and are described in the *GUI Elements Reference Guide*:

- [File System \(for Data File Storage\)](#)
- [Maximum File Size \(for the Source Destinations Page\)](#)
- [Name](#)
- [Protocol \(for Sources\)](#)
- [Source Name](#)
- [Status](#)
- [Suspended?](#)
- [Type \(for Sources\)](#)

Open the Create a New Source Wizard

To open the Create a New Source wizard:

1. Click **Sources** on the Data Mediation System Launch page. The Sources page opens.
2. Click the **New** icon.



The Create a New Source Wizard opens.

Create a New Source

To create a new source:

1. Follow the instructions to ["Open the Create a New Source Wizard" \(3-64\)](#).
2. Fill out these form fields:
 - » [Source Name](#)
 - » [Real Time Format](#)
 - » [Type \(for Sources\)](#)
 - » [File Format](#)
 - » [Alarm Timer](#)
 - » [File Prefix](#)
 - » [Primary](#)
 - » [Tertiary](#)
 - » [Generate Exceptions](#)
 - » [Archive](#)
3. Click **Next**. The next page opens.
4. Fill out the form fields for the appropriate type. See the appropriate page description for a list of form fields:
 - » [Create a New Source Wizard for 5ESSI Type – Page 2](#)
 - » [Create a New Source Wizard for AFT Type – Page 2](#)
 - » [Create a New Source Wizard for AFTCP Type – Page 2](#)
 - » [Create a New Source Wizard for AMATPS Type – Page 2](#)
 - » [Create a New Source Wizard for CD Type – Page 2](#)
 - » [Create a New Source Wizard for CDRP Type – Page 2](#)
 - » [Create a New Source Wizard for DDI Type – Page 2](#)
 - » [Create a New Source Wizard for EAP Type – Page 2](#)
 - » [Create a New Source Wizard for EFOG Type – Page 2](#)
 - » [Create a New Source Wizard for EMTP Type – Page 2](#)
 - » [Create a New Source Wizard for EUDC Type – Page 2](#)
 - » [Create a New Source Wizard for EWSD Type – Page 2](#)
 - » [Create a New Source Wizard for FILE Type – Page 2](#)
 - » [Create a New Source Wizard for FTP Type – Page 2](#)
 - » [Create a New Source Wizard for GFTAM Type – Page 2](#)
 - » [Create a New Source Wizard for GTPP Type – Page 2](#)
 - » [Create a New Source Wizard for HICAP Type – Page 2](#)
 - » [Create a New Source Wizard for Motorola Type – Page 2](#)

- » [Create a New Source Wizard for NETFLOW Type – Page 2](#)
 - » [Create a New Source Wizard for REPORT Type – Page 2](#)
 - » [Create a New Source Wizard for SNMP Type – Page 2](#)
 - » [Create a New Source Wizard for TAPE Type – Page 2](#)
5. Click **Next**. The next page opens.
 6. Add files from the Available System Files table to the Selected System Files table.
 7. Click **Next**. The next page opens.
 8. Add files from the Available Destinations table to the Associated Destinations table.
 9. Fill out this form field:
 - » [Maximum File Size \(for the Source Type Parameters Page\)](#)
 10. Click **Finish**.

Sources Page

After you ["Open the Source Page" \(4-69\)](#), you can:

- ["Go to the Create a New Source Wizard" \(4-70\)](#)
- ["Go to an Existing Source Page" \(4-71\)](#)
- ["Suspend Data Collection" \(4-72\)](#)
- ["Resume Data Collection" \(4-73\)](#)
- ["Set a Source to be Archived" \(4-74\)](#)
- ["Set a Source to Do Not Archive" \(4-75\)](#)

Figure 28 Sources Page

Sources

Search: All Sources

143 Sources (Summary) 12:58:48 5/20/2003

	Source ↓	Status	Suspended?	Type	File Format	Archived?
<input type="checkbox"/>	aaaS	✗ Inactive	✓ Not Suspended	✎ CORRELATE	AutoplexRecords	No
<input type="checkbox"/>	abcS	✗ Inactive	⊖ Suspended	✎ CORRELATE	AutoplexRecords	No
<input type="checkbox"/>	aCOR10S	✗ Inactive	⊖ Suspended	✎ CORRELATE	aFormat2	No
<input type="checkbox"/>	aCOR11S	✗ Inactive	⊖ Suspended	✎ CORRELATE	aFormat2A	No
<input type="checkbox"/>	aCOR12S	✗ Inactive	⊖ Suspended	✎ CORRELATE	aFormat4M	No
<input type="checkbox"/>	acor14S	✗ Inactive	⊖ Suspended	✎ CORRELATE	aFormat1	No
<input type="checkbox"/>	aCOR16pS	✗ Inactive	⊖ Suspended	✎ CORRELATE	aFormat1	No
<input type="checkbox"/>	aCOR16S	✗ Inactive	⊖ Suspended	✎ CORRELATE	aFormat1	No
<input type="checkbox"/>	aCOR17pS	✗ Inactive	⊖ Suspended	✎ CORRELATE	aFormat1	No
<input type="checkbox"/>	aCOR17S	✗ Inactive	⊖ Suspended	✎ CORRELATE	aFormat1	No
<input type="checkbox"/>	aCOR2S	✗ Inactive	⊖ Suspended	✎ CORRELATE	aFormat1	No
<input type="checkbox"/>	aCOR3S	✗ Inactive	⊖ Suspended	✎ CORRELATE	aFormat1	No

[Do Not Archive](#)
[Set to be Archived](#)
[Suspend](#)
[Resume](#)
[Stop](#)
 Wait Time: (0 - 3600)

Elements

These elements are on this page and are described in the *Application Elements Reference Guide*:

- [Archived?](#)
- [Do Not Archive Button](#)
- [File Format](#)
- [Resume Button](#)
- [Set to be Archived Button](#)
- [Source](#)

- [Status](#)
- [Stop Button](#)
- [Suspend Button](#)
- [Suspended?](#)
- [Type \(for Sources\)](#)
- [Wait Time](#)

Open the Source Page

To open the Source page:

1. Click **Sources** on the Data Mediation System Launch page. The Sources page opens.

Go to the Create a New Source Wizard

To go to the Create a New Source wizard:

1. Follow the instructions to ["Open the Source Page" \(4-69\)](#).
2. Click the **New** icon.



The Create a New Source Wizard opens.

Go to an Existing Source Page

To go to an existing Source page:

1. Follow the instructions to ["Open the Source Page" \(4-69\)](#).
2. Click the [Source](#) in the table. The Source page opens.

Suspend Data Collection

To suspend data collection:

1. Follow the instructions to ["Open the Source Page" \(4-69\)](#).
2. Select the checkbox beside the [Source](#) in the table.
3. Click **Suspend**. A confirmation dialog box opens.
4. Click **OK**. The data collection for the source is suspended.

Resume Data Collection

To resume data collection:

1. Follow the instructions to ["Open the Source Page" \(4-69\)](#).
2. Select the checkbox beside the [Source](#) in the table.
3. Click **Resume**. A confirmation dialog box opens.
4. Click **OK**. The data collection for the source is resumed.

Set a Source to be Archived

To set a source to be archived:

1. Follow the instructions to ["Open the Source Page" \(4-69\)](#).
2. Select the checkbox beside the [Source](#) in the table.
3. Click **Set to be Archived**. A confirmation dialog box opens.
4. Click **OK**. The Source is set to be archived.

References

- For information on archiving sources, see ["Open the Create a New Archive Wizard" \(8-89\)](#) or ["Create a New Archive" \(8-90\)](#) in this guide

Set a Source to Do Not Archive

To set a source to Do Not Archive:

1. Follow the instructions to ["Open the Source Page" \(4-69\)](#).
2. Select the checkbox beside the [Source](#) in the table.
3. Click **Do Not Archive**. A confirmation dialog box opens.
4. Click **OK**. The source is set not to be archived.

Stop a Data Collection

Before you can stop a data collection the source must be in Active status.

To stop a data collection:

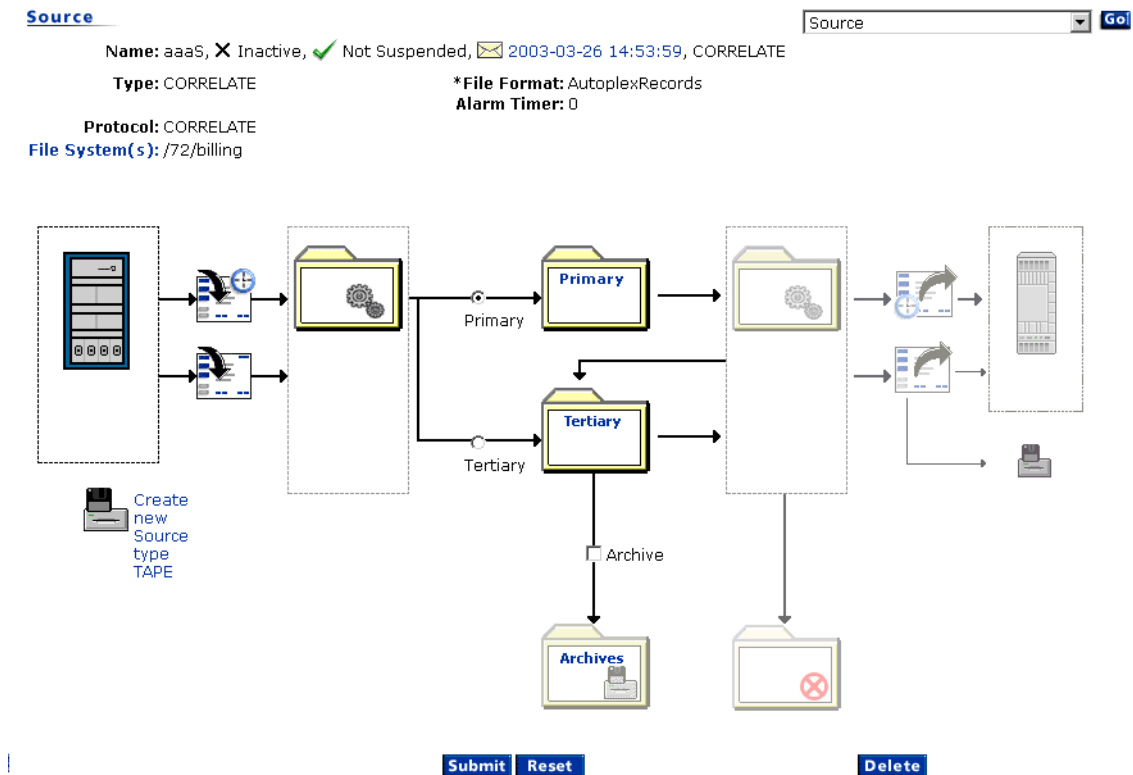
1. Follow the instructions to ["Open the Source Page" \(4-69\)](#).
2. Select the checkbox beside the [Source](#) in the table.
3. Click **Stop**. A confirmation dialog box opens.
4. Click **OK**. The data collection is stopped.

Source Page

After you ["Open an Existing Source Page" \(5-79\)](#), you can:

- ["Go to Another Page in the Source" \(5-81\)](#)
- ["Update the Source Page" \(5-80\)](#)

Figure 29 Source Page



Elements

These elements are on this page and are described in the *Application Elements Reference Guide*:

- [Alarm Timer](#)
- [Archive](#)
- [Assigned Site Name](#)
- [File Format](#)
- [File Prefix](#)
- [File Prefix \(for 5ESSI type\)](#)
- [File System\(s\)](#)
- [Generate Exceptions](#)
- [Name](#)

- [Primary](#)
- [Protocol \(for Sources\)](#)
- [Real Time Format](#)
- [Source Name](#)
- [Tertiary](#)
- [Type \(for Sources\)](#)

References

- For more information on the disaster recovery feature, see ["Working with the Disaster Recovery Feature" \(1-6\)](#) in the *Administration Guide*
- For more information on common support source interfaces, see [Table 2, "Most Commonly Supported Source Interfaces" \(-13\)](#) in this user guide
- For more information on the System Parameters page for exception sources, see ["System Parameters Page" \(4-35\)](#) in the *Administration Guide*
- For more information on real-time data processing, see ["Understanding Real Time Data Processing" \(1-13\)](#) in the *Destinations User Guide*

Open an Existing Source Page

To open an existing Source page:

1. Click **Sources** on the Data Mediation System Launch page. The Sources page opens.
2. Click the [Source](#) in the table. The Source page opens.

Update the Source Page

To update the Source page:

1. Follow the instructions to ["Open an Existing Source Page" \(5-79\)](#).
2. Fill out these form fields, if available for your source type:
 - » [Alarm Timer](#)
 - » [Archive](#)
 - » [File Format](#)
 - » [File Prefix](#)
 - » [File System\(s\)](#)
 - » [Generate Exceptions](#)
 - » [Primary](#)
 - » [Protocol \(for Sources\)](#)
 - » [Real Time Format](#)
 - » [Tertiary](#)
3. Click **Submit**.

Go to Another Page in the Source

To go to another page in the Source:

1. Click the **Go** drop-down menu.
2. Select one of these source pages, if available for the source type:
 - » Data Collection Controls
 - » Data Collection Schedules
 - » Source Application Associations
 - » Source Destination Associations
 - » Source File Systems
 - » Source Site Information
 - » Source Type Parameters

Source File Systems Page

The Source File Systems page lets you specify the file systems where data will be stored for each source.

After you ["Open the Source File Systems Page" \(6-84\)](#), you can:

- ["Add a File System" \(6-85\)](#)
- ["Remove File Systems" \(6-86\)](#)
- ["Go to Another Page in the Source" \(5-81\)](#)

This page is not available for SEARCH sources.

Figure 30 Source File Systems Page

Source File Systems Source File Systems Go

Source: mddftp, X Inactive, ✓ Not Suspended, ✉ 2003-04-04 10:48:23, cohdev01/mddftp COMPLETE
Type: FTP (Parameters)

1 Selected File System 13:44:39 5/20/2003 Icons

File System ↓
Icon /72/billing

4 Available File Systems 13:44:39 5/20/2003 Icons

File System ↓
Icon /72/billing2
Icon /billing03
Icon /billtmp
Icon /export/CPL

Submit Reset

Elements

These elements are on this page and are described in the *Application Elements Reference Guide*:

- [File System \(for Data File Storage\)](#)
- [Source](#)
- [Type \(for Sources\)](#)

Open the Source File Systems Page

To open the Source File Systems page:

1. Click **Sources** on the Data Mediation System Launch page. The Sources page opens.
2. Click the [Source](#) in the table. The Source page opens.
3. Select **File Systems** from the **Go** menu. The Source File Systems page opens.

Add a File System

To add a file system:

1. Follow the instructions to ["Open the Source File Systems Page" \(6-84\)](#).
2. To add the file system to the Selected System Files table, click the icon beside the file in the Available System Files table.
3. Click **Submit**.

Remove File Systems

To remove file systems:

1. Follow the instructions to ["Open the Source File Systems Page" \(6-84\)](#).
2. To move the file system to the Available Systems Files table, click the icon beside the file system in the Selected Systems Files table.
3. Click **Submit**.

Source Type Parameters Page

The Source Type Parameters page lets you update parameters specific to each page type.

After you [Open the Source Type Parameters Page](#), you can:

- [Update the 5ESSI Source Type](#)
- [Update the AFT Source Type](#)
- [Update the AFTCP Source Type](#)
- [Update the AMATPS Source Type](#)
- [Update the CD Source Type](#)
- [Update the CDRP Source Type](#)
- [Update the DDI Source Type](#)
- [Update the EAP Source Type](#)
- [Update the EFOG Source Type](#)
- [Update the EMTP Source Type](#)
- [Update the EUDC Source Type](#)
- [Update the EWSD Source Type](#)
- [Update the Exception Source Type](#)
- [Update the FILE Source Type](#)
- [Update the FTP Source Type](#)
- [Update the GFTAM Source Type](#)
- [Update the GTPP Source Type](#)
- [Update the HICAP Source Type](#)
- [Update the Motorola Source Type](#)
- [Update the NETFLOW Source Type](#)
- [Update the Report Source Type](#)
- [Update the SFTP Source Type](#)
- [Update the SNMP Source Type](#)
- [Update the Tape Source Type](#)

This page is not available for Correlation and Search type sources.

Figure 31 Source Type Parameters page

Source Type Parameters Source Type Parameters Go

Source: mddftp, ✗ Inactive, ✓ Not Suspended, ✉ 2003-04-04 10:48:23, cohdev01/mddftp COMPLETE

Type: FTP

***Login:**

***Password:**

***Port Number:**
For Sender Initiated: 1025-65535; for Receiver Initiated: 1-65535

RSH Command:

Script Name: scriptDef Edit

***Host Names:**
Use commas(,) to separate entries, eg., hostname1, hostname2

FTP Rename? ☐

Continuous Polling? ☐

***Aggregation Interval:** (0-32768)

***Number of Files to Aggregate:** (1-32768)

Submit Reset

Open the Source Type Parameters Page

To open the Source Type Parameters page:

1. Click the **Sources** icon from the Data Mediation System Launch page.
2. Click the [Source](#) in the table. There are various source types, including:
 - » 5ESSI
 - » AFT
 - » AFTCP
 - » AMATPS
 - » CD
 - » CDRP
 - » CORRELATE
 - » DDI
 - » EAP
 - » EFOG
 - » EMTP
 - » EUDC
 - » EWSD
 - » EXCEPTION
 - » FILE
 - » FTP
 - » GFTAM
 - » GTPP
 - » HICAP
 - » Motorola
 - » NETFLOW
 - » REPORT
 - » SEARCH
 - » SFTP
 - » SNTP
 - » TAPE
 - » TRACER
3. Select **Source Type Parameters** from the Go menu. The appropriate Source Type Parameters page opens.

Update the 5ESSI Source Type

To update the 5ESSI source type:

1. Follow the instructions to [Open the Source Type Parameters Page](#).
2. Update these form fields, if necessary:
 - » [Login ID](#)
 - » [Telephone Number](#)
 - » [Password \(for Sources\)](#)
 - » [Continuous Polling](#)
3. Move files to the Selected Files table by clicking a file in the Available Files table.
4. Click **Submit**.

Update the AFT Source Type

To update the AFT source type:

1. Follow the instructions to [Open the Source Type Parameters Page](#).
2. Update these form fields, if necessary:
 - » [Host ID](#)
 - » [Maximum File Size \(for the Source Type Parameters Page\)](#)
 - » [Maximum Blocks/File](#)
 - » [Maximum File Interval](#)
 - » [Add GSR](#)
 - » [Add GER](#)
3. Click **Submit**.

Update the AFTCP Source Type

To update the AFTCP source type:

1. Follow the instructions to [Open the Source Type Parameters Page](#).
2. Update these form fields, if necessary:
 - » [Port Number \(for Sources\)](#)
 - » [Block Size](#)
 - » [Network Timeout](#)
 - » [Host Names](#)
 - » [AFTCP Protocol](#)
 - » [Maximum File Size \(for the Source Type Parameters Page\)](#)
 - » [Maximum Blocks/File](#)
 - » [Maximum File Interval](#)
3. Click **Submit**.

Update the AMATPS Source Type

To update the AMATPS source type:

1. Follow the instructions to [Open the Source Type Parameters Page](#).
2. Update these form fields, if necessary:
 - » [Sensor ID](#)
 - » [Sending Unit Number](#)
 - » [Telephone Number](#)
 - » [Record Expansion](#)
 - » [File Conversion](#)
 - » [Source Component ID](#)
 - » [Max Blocks in CLDS](#)
 - » [Sensor Type](#)
 - » [Polling Threshold](#)
 - » [Continuous Polling](#)
 - » [Number of Files to Aggregate](#)
3. Move files to the Selected Files table by clicking a file in the Available Files table.
4. Click **Submit**.

Update the CD Source Type

To update the CD source type:

1. Follow the instructions to [Open the Source Type Parameters Page](#).
2. Update these form fields, if necessary:
 - » [Remote Node Name](#)
3. To configure the file, click **Configure**, then click **Edit**.
4. Update the file.
5. Click **Submit**.

Update the CDRP Source Type

To update the CDRP source type:

1. Follow the instructions to [Open the Source Type Parameters Page](#).
2. Update these form fields, if necessary:
 - » [Sensor ID](#)
 - » [Sending Unit Number](#)
 - » [TCP/IP Port to Monitor](#)
 - » [Source Password](#)
 - » [Max Blocks in CLDS](#)
 - » [Sensor Type](#)
 - » [Number of Files to Aggregate](#)
 - » [Record Expansion](#)
 - » [DM Password](#)
 - » [Aggregation Interval](#)
3. Click **Submit**.

Update the DDI Source Type

To update the DDI source type:

1. Follow the instructions to [Open the Source Type Parameters Page](#).
2. Update these form fields, if necessary:
 - » [Login](#)
 - » [Password \(for Sources\)](#)
 - » [Port Number \(for Sources\)](#)
 - » [RSH Command](#)
 - » [Script Name](#)
 - » [Source Component ID](#)
 - » [Host Names](#)
 - » [File Conversion](#)
 - » [Max Blocks in CLDS](#)
 - » [Number of Files to Aggregate](#)
 - » [Aggregation Interval](#)
 - » [AMA Data](#)
 - » [FTP Rename](#)
 - » [File Priority](#)
 - » [Continuous Polling](#)
 - » [Block Size](#)
 - » [Record Expansion](#)
 - » [Polling Interval](#)
3. Click **Submit**.

Update the EAP Source Type

To update the EAP source type:

1. Follow the instructions to [Open the Source Type Parameters Page](#).
2. Update these form fields, if necessary:
 - » [Login](#)
 - » [Password \(for Sources\)](#)
 - » [Port Number \(for Sources\)](#)
 - » [Host Names](#)
3. Click **Submit**.

Update the EFOG Source Type

To update the EFOG source type:

1. Follow the instructions to [Open the Source Type Parameters Page](#).
2. Update these form fields, if necessary:
 - » [Login](#)
 - » [Password \(for Sources\)](#)
 - » [Port Number \(for Sources\)](#)
 - » [Host Names](#)
3. Click **Submit**.

Update the EMTP Source Type

To update the EMTP source type:

1. Follow the instructions to [Open the Source Type Parameters Page](#).
2. Update these form fields, if necessary:
 - » [Host ID](#)
 - » [Maximum File Size \(for the Source Type Parameters Page\)](#)
 - » [Maximum Blocks/File](#)
 - » [Maximum File Interval](#)
 - » [Data Block Size](#)
3. Click **Submit**.

Update the EUDC Source Type

To update the EUDC source type:

1. Follow the instructions to [Open the Source Type Parameters Page](#).
2. Update these form fields, if necessary:
 - » [Login](#)
 - » [Password \(for Sources\)](#)
 - » [Port Number \(for Sources\)](#)
 - » [Host Names](#)
3. Click **Submit**.

Update the EWSD Source Type

To update the EWSD source type:

1. Follow the instructions to [Open the Source Type Parameters Page](#).
2. Update these form fields, if necessary:
 - » [Filestore Name](#)
 - » [Initiator ID](#)
 - » [Initiator Password](#)
 - » [Telephone Number](#)
 - » [File Names](#)
3. Move files to the Selected Files table by clicking a file in the Available Files table.
4. Click **Submit**.

Update the Exception Source Type

To update the Exception source type:

1. Follow the instructions to [Open the Source Type Parameters Page](#).
2. Update these form fields, if necessary:
 - » [Commit Files As . . .](#)
3. Click **Submit**.

Update the FILE Source Type

To update the FILE source type:

1. Follow the instructions to [Open the Source Type Parameters Page](#).
2. Update these form fields, if necessary:
 - » [User ID \(for Sources\)](#)
3. Click **Submit**.

Update the FTP Source Type

To update the FTP source type:

1. Follow the instructions to [Open the Source Type Parameters Page](#).
2. Update these form fields, if necessary:
 - [Login](#)
 - [Password \(for Sources\)](#)
 - [Port Number \(for Sources\)](#)
 - [RSH Command](#)
 - [Script Name](#)
 - [Host Names](#)
 - [FTP Rename](#)
 - [Continuous Polling](#)
 - [Polling Interval](#)
 - [Aggregation Interval](#)
 - [Number of Files to Aggregate](#)
3. Click **Submit**.

Update the GFTAM Source Type

To update the GFTAM source type:

1. Follow the instructions to [Open the Source Type Parameters Page](#).
2. Update these form fields, if necessary:
 - » [Filestore Name](#)
 - » [Initiator ID](#)
 - » [Initiator Password](#)
 - » [Script Name](#)
 - » [Commit Empty Files](#)
 - » [Transport Layer](#)
 - » [Telephone Number](#)
 - » [File Names](#)
3. Move files to the Selected Files table by clicking a file in the Available Files table.
4. Click **Submit**.

Update the GTPP Source Type

To update the GTPP source type:

1. Follow the instructions to [Open the Source Type Parameters Page](#).
2. Update these form fields, if necessary:
 - » [Aggregation Interval](#)
 - » [Maximum Number of Request Attempts](#)
 - » [Port Number \(for Sources\)](#)
 - » [Timeout](#)
 - » [IP Addresses/Host Names](#)
 - » [Protocol \(for Sources\)](#)
 - » [Records Per File](#)
 - » [Real-Time Aggregation Interval](#)
 - » [Real-Time Records Per File \(for GTPP types\)](#)
 - » [Data Transfer Window Interval](#)
 - » [Data Transfer Window Size](#)
3. Click **Submit**.

Update the HICAP Source Type

To update the HICAP source type:

1. Follow the instructions to [Open the Source Type Parameters Page](#).
2. Update these form fields, if necessary:
 - » [Sensor ID](#)
 - » [Sending Unit Number](#)
 - » [Record Expansion](#)
 - » [File Conversion](#)
 - » [Source Component ID](#)
 - » [Max Blocks in CLDS](#)
 - » [Sensor Type](#)
 - » [Host Name \(for Sources\)](#)
 - » [Continuous Polling](#)
 - » [Number of Files to Aggregate](#)
 - » [Password \(for Sources\)](#)
 - » [Timeout](#)
 - » [Configuration File](#)
 - » [Max Block Sequence Number](#)
3. Click **Submit**.

Update the Motorola Source Type

To update the Motorola source type:

1. Follow the instructions to [Open the Source Type Parameters Page](#).
2. Update these form fields, if necessary:
 - » [Maximum File Size \(for the Source Type Parameters Page\)](#)
 - » [Maximum Records/File](#)
 - » [Maximum File Interval](#)
 - » [File Conversion](#)
 - » [Open New File?](#)
 - » [Port Number \(for Sources\)](#)
 - » [Port Type](#)
 - » [LAPB Mode](#)
 - » [Real Time Max. File Size](#)
 - » [Real Time Max. Records/File](#)
 - » [Real Time Max. File Interval](#)
 - » [Port Number \(for Sources\)](#)
 - » [Port Type](#)
 - » [LAPB Mode](#)
3. Click **Submit**.

Update the NETFLOW Source Type

To update the NETFLOW source type:

1. Follow the instructions to [Open the Source Type Parameters Page](#).
2. Update these form fields, if necessary:
 - » [Continuous Polling](#)
 - » [Aggregation Interval](#)
 - » [Bad Link Warn Refract](#)
 - » [Bad Link Warn Sample](#)
 - » [Bad Link Warn Percent](#)
 - » [Maximum Kbytes/File](#)
 - » [Port](#)
 - » [Sequential Bad PDU abort](#)
3. Click **Submit**.

Update the Report Source Type

To update the Report source type:

1. Follow the instructions to [Open the Source Type Parameters Page](#).
2. Update these form fields, if necessary:
 - » [Report Name](#)
 - » [Report Type \(for Sources\)](#)
 - » [Source](#)
 - » [Sort by \(for Source Type Parameters Page\)](#)
 - » [Custom Report Name](#)
 - » [Report Interval](#)
 - » [Report Latency Interval](#)
3. Click **Submit**.

Update the SFTP Source Type

To update the SFTP Source Type:

1. Follow the instructions to [Open the Source Type Parameters Page](#).
2. Update these form fields, if necessary:
 - » [Continuous Polling](#)
 - » [Aggregation Interval](#)
 - » [Commit Empty Files](#)
 - » [Primary Directory](#)
 - » [Rename To Directory](#)
 - » [Secondary Directory](#)
 - » [File Sorting Order](#)
 - » [File Name Pattern](#)
 - » [IP Addresses/Host Names](#)
 - » [Ignore](#)
 - » [Login](#)
 - » [Password \(for Sources\)](#)
 - » [Poll Pause](#)
 - » [Prefix for Renaming File](#)
 - » [Suffix for Renaming File](#)
 - » [Prefix chars to remove when renaming file](#)
 - » [Suffix chars to remove when renaming file](#)
 - » [Delete Files](#)
 - » [Number of Files to Aggregate](#)
 - » [Port Number \(for Sources\)](#)
 - » [Rename Files?](#)
 - » [SFTP Network Timeout](#)
3. Click **Submit**.

Update the SNMP Source Type

To update the SNMP source type:

1. Follow the instructions to [Open the Source Type Parameters Page](#).
2. Update these form fields, if necessary:
 - » [Host](#)
 - » [Version](#)
 - » [Polling Tables \(v1/v2/v3\)](#)
 - » [Port](#)
 - » [Retries](#)
 - » [Timeout](#)
 - » [Community](#)
 - » [Security Engine ID](#)
 - » [Context Engine ID \(v3\)](#)
 - » [Context Name \(v3\)](#)
 - » [Security Name](#)
 - » [Security Level](#)
 - » [Authentication Protocol](#)
 - » [Authentication Protocol Pass Phrase](#)
 - » [Privacy Protocol \(v3\)](#)
 - » [Privacy Protocol Pass Phrase \(v3\)](#)
3. Click **Submit**.

Update the Tape Source Type

To update the Tape source type:

1. Follow the instructions to [Open the Source Type Parameters Page](#).
2. Update these form fields, if necessary:
 - » [Associated Source](#)
 - » [Tape Type](#)
 - » [Default Tape Read Options](#)
 - » [System File Prefix](#)
3. Click **Submit**.

Read From a Tape Wizard

This wizard lets you read data from tapes and place the data in primary or tertiary data file directories for a specific TAPE source. This feature is used as a backup system when the network connection between the source and Data Mediation System system is not functioning. Before you use this feature, make sure that your data mediation system is equipped with an optional tape drive. Other uses may require you to purchase additional source interface elements.

After you ["Open the Data Collection Tape Wizard" \(8-120\)](#), you can:

- ["Run the Data Collection Tape Wizard" \(8-121\)](#)
- ["Go to Another Page in the Source" \(5-81\)](#)

The TAPE source type is associated with a standard source. The system stores the tape data under a Tape source because it cannot store files of differing file formats under the same source file directory. The file format of the data on the tape may be different than the file format of the originally polled data.

Run From a Tape Wizard — Page 1

Figure 32 Run From a Tape Wizard — Page 1

Data Collection Controls

Please specify tape read options, rewind the tape and click on "Next" to read from the tape device.

Source: MLW_TAPE2, Inactive, Not Suspended, 2003-05-07 13:05:53.0, COMPLETE
 Type: TAPE

Associated Source: LargeFileFTP, Abnormal, Suspended, 2003-03-05 15:29:07.0, LargeFile ...
 Type: FTP

*Device Name: *Tape Read Options:

*Tape Type:

Retention
Rewind
 MLW_TAPE2

Cancel **Reset** **Next**

Elements

These elements are on this page and are described in the *Application Elements Reference Guide*:

- [Associated Source](#)
- [Device Name](#)
- [Have IBM Header / Trailer?](#)
- [Input Tape Format](#)
- [Maximum File Size to Create](#)
- [Retention Button](#)
- [Rewind Button](#)
- [Source](#)
- [Tape ID](#)
- [Tape Read Options](#)
- [Tape Type](#)
- [Type \(for Sources\)](#)

Run From a Tape Wizard — Page 2

Figure 33 Run From a Tape Wizard — Page 2

Data Collection Controls

Please click on "Next" to create a list of files to be processed.

Source: MLW_TAPE2, XInactive, ✓ Not Suspended, 2003-05-07 13:05:53.0, COMPLETE
Type: TAPE

Associated Source: LargeFileFTP, ⚠Abnormal, ⏸Suspended, 2003-03-05 15:29:07.0, LargeFile ...
Type: FTP

*Device Name: 0
*Tape Type: raw

*Tape ID: abc
*Input Tape Format: RAW
*Maximum File Size to Create: 1000000000
*Have IBM Header/Trailer? N

Tape Read Results:

```
cd to ME tap directory successful
read: I/O error
0+0 records in
0+0 records out
Reading raw data ..
size of file1 is =0 bytes
read: I/O error
0+0 records in
0+0 records out
size for file2 is =0
reached to the end of the tape
```

Help
Library
Support
mahess
05/20/2003
13:48 EDT

Cancel Previous Next

Elements

These elements are on this page and are described in the *Application Elements Reference Guide*:

- [Associated Source](#)
- [Device Name](#)
- [Have IBM Header/Trailer?](#)
- [Input Tape Format](#)
- [Maximum File Size to Create](#)
- [Source](#)
- [Tape ID](#)
- [Tape Read Options](#)
- [Tape Read Results](#)
- [Tape Type](#)
- [Type \(for Sources\)](#)

Run From a Tape Wizard — Page 3

Figure 34 Run From a Tape Wizard — Page 3

Data Collection Controls [Data Collection Controls] **Go**

Administration

Read From A Tape

Please select files to be converted, type of files desired and click on "Next" to finish the conversion.

Source: MLW_TAPE2, XInactive, ✓ Not Suspended, 2003-05-07 13:05:53.0, COMPLETE
Type: TAPE

Associated Source: LargeFileFTP, ⚠Abnormal, ⏸Suspended, 2003-03-05 15:29:07.0, LargeFile ...
Type: FTP

*Device Name: 0
*Tape Type: tar

*Tape Read Options: -IBDv -Hustar

1. Select Files: Use ctrl+click to select multiple files

2. Specify File Conversion to take place:
NONE

3. Mark Files As:
Primary

Help Library Support mahess 05/20/2003 13:48 EDT

Cancel Previous Reset Next

Elements

These elements are on this page and are described in the *Application Elements Reference Guide*:

- [Associated Source](#)
- [Device Name](#)
- [Input Tape Format](#)
- [Have IBM Header/Trailer?](#)
- [Mark Files As](#)
- [Maximum File Size to Create](#)
- [Select Files \(Data Collection Tape\)](#)
- [Source](#)
- [Specify File Conversion to take place](#)
- [Tape Read Options](#)
- [Tape ID](#)
- [Tape Type](#)
- [Type \(for Data Files\)](#)

Run From a Tape Wizard — Page 4

Figure 35 Run From a Tape Wizard — Page 4

CSG Data Mediation

Administration



Read From A Tape



Help
Library
Description
Support

mahesh
05/07/2003
12:05 EDT

Data Collection Controls Data Collection Controls

Please select files to be converted, type of files desired and click on "Next" to finish the conversion.

Source: MLW_TAPE, ☒ Inactive, ☐ Suspended,
Type: TAPE

Associated Source: LargeFileFTP, ☒ Abnormal, ☐ Suspended,
Type: FTP

*Device Name: Ohb *Tape Read Options: -iBDv -Hustar
*Tape Type: cpio

Tape Commit Results:

```
Commit proceeds ...
cpio/tar files to commit
No duplicate files found
Commit Successful for the file 'LFsmall12.00'.
Check info log for more information.
```

Cancel Previous
Finish

Elements

These elements are on this page and are described in the *Application Elements Reference Guide*:

- [Associated Source](#)
- [Device Name](#)
- [Input Tape Format](#)
- [Have IBM Header / Trailer?](#)
- [Maximum File Size to Create](#)
- [Source](#)
- [Tape Commit Results](#)
- [Tape ID](#)
- [Tape Read Options](#)
- [Tape Type](#)
- [Type \(for Data Files\)](#)

Open the Data Collection Tape Wizard

To open the Data Collection Tape wizard:

1. Insert the tape into the tape device.
2. Click **Sources** on the Data Mediation System Launch page. The Sources page opens.
3. Select a TAPE source type from the table.
4. Select **Data Collection Controls** from the **Go** menu. The Data Collection Tape Wizard opens.

Run the Data Collection Tape Wizard

To run the Data Collection Tape wizard:

1. Follow the instructions to ["Open the Data Collection Tape Wizard" \(8-120\)](#).
2. Update these form fields, if appropriate:
 - » [Device Name](#)
 - » [Have IBM Header/Trailer?](#)
 - » [Input Tape Format](#)
 - » [Maximum File Size to Create](#)
 - » [Tape ID](#)
 - » [Tape Type](#)
 - » [Tape Read Options](#)
3. To retension the tape for cartridge tapes, click **Retension**.

Retensioning rewinds the tape to the beginning, then winds forward to the end, then rewinds back to the beginning to smooth out tape tension. This is a time-consuming function so use it only if needed.
4. If you did not use the retension option, click **Rewind**.
5. Click **Next**.
6. Read the Tape Read Results. If you need to change the tape, repeat steps 1-5 with a new tape.
7. Click **Next**.
8. Fill out these form fields:
 - » [Select Files \(Data Collection Tape\)](#)
 - » [Specify File Conversion to Take Place](#)
 - » [Mark Files As](#)
9. Click **Next**.
10. Read the information in the Tape Commit Results field, then correct any errors.
11. Click **Finish**.

Data Collection Controls Page

The Data Collection Controls page lets you perform manual operations on individual sources. This page is not available for the following source types: EXCEPTION, SEARCH, TAPE, and TRACER.

After you ["Open the Data Collection Controls Page" \(9-125\)](#), you can:

- ["Go to Another Page in the Source" \(5-81\)](#)
- ["Resume a Source" \(9-130\)](#)
- ["Start a Source" \(9-128\)](#)
- ["Stop a Source" \(9-129\)](#)
- ["Suspend a Source" \(9-131\)](#)
- ["Suspend a Source" \(9-131\)](#)
- ["Update the Data Collection Controls Page Settings" \(9-126\)](#)

Figure 36 Data Collection Controls Page

Data Collection Controls Data Collection Controls


Source: aftp, ☒ Inactive, ☒ Not Suspended, ☐ 2003-03-24 16:26:18, FTP
Type: FTP ()

Data Collection Controls


*Collection Type:

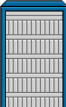
*Commit As Tertiary: ☐

Data File Name:


aftp

☒


Scheduled Collections: 0



When using the Data Collection Controls page:

- Select source entity name field before performing any operations
- Make only one data collection session active for a specific source. If you try to activate a second data collection session for the same source, the session will fail. The error is logged in the Error and Information Log
- Use with sources that use FTAM, AMATPS, active FTP, active DDI, or HICAP protocols for primary and secondary data collection sessions
- Request only secondary data collection sessions from sources using the CONNECT:Direct and CDRP protocols

Elements

These elements are on this page and are described in the *Application Elements Reference Guide*:

- [Collection Order \(for Data Collection Controls page\)](#)
- [Collection Termination Wait Time](#)
- [Commit As Tertiary](#)
- [Data File Name](#)
- [File Format and Related Applications](#)

Open the Data Collection Controls Page

To open the Data Collections Controls page:

1. Click **Sources** on the Data Mediation System Launch page. The Sources page opens.
2. Click the source in the table. The Source page opens.
3. Select **Data Collection Controls** from the Go menu. The Data Collection Controls page opens.

Update the Data Collection Controls Page Settings

Changes made on this form are temporary. To change the values permanently, you must change them on the ["Source Page" \(5-77\)](#) and ["Source Type Parameters Page" \(7-87\)](#).

To update the Data Collection Controls page:

1. Follow the instructions to [Open the Data Collection Controls Page](#).
2. Fill out this form field:
 - » [Collection Termination Wait Time](#)
3. If you selected **Primary** from the [Collection Termination Wait Time](#) drop-down menu, fill out these form fields, if available:
 - » [Collection Order \(for Data Collection Controls page\)](#)
 - » [Collection Termination Wait Time](#)
 - » [Commit As Tertiary](#)
 - » [Data File Name](#)
 - » [File Count](#)
 - » [Polling Threshold](#)
 - » [Retry Count](#)
 - » [Starting File Sequence Number](#)
4. If you selected **Secondary** from the [Collection Termination Wait Time](#) drop-down menu, fill out these form fields, if available:
 - » [Commit As Tertiary](#)
 - » [Data File Name](#)
 - » [File Name \(for Sources\)](#)
 - » [Number of Blocks](#)
 - » [Number of Files](#)
 - » [Retry Count](#)
 - » [Starting Block Sequence Number](#)
5. If you selected **Test** from the [Collection Termination Wait Time](#) drop-down menu, fill out these form fields, if available:
 - » [Retry Count](#)
 - » [Test Cycles](#)

6. Go to one of these tasks:
 - » ["Start a Source" \(9-128\)](#)
 - » ["Stop a Source" \(9-129\)](#)
 - » ["Resume a Source" \(9-130\)](#)
 - » ["Suspend a Source" \(9-131\)](#)

Start a Source

The **Start** button is not available for all source types.

To start a source:

1. Follow the instructions to ["Open the Data Collection Controls Page" \(9-125\)](#).
2. Click **Start**.

Stop a Source

The **Stop** button is not available for all source types.

To stop a source:

1. Follow the instructions to ["Open the Data Collection Controls Page" \(9-125\)](#).
2. Click **Stop**.

Resume a Source

The **Resume** button is not available for all source types.

To resume a source:

1. Follow the instructions to ["Open the Data Collection Controls Page" \(9-125\)](#).
2. Click **Resume**.

Suspend a Source

The **Suspend** button is not available for all source types.

To suspend a source:

1. Follow the instructions to ["Open the Data Collection Controls Page" \(9-125\)](#).
2. Click **Suspend**.

Source Application Associations Page

The Source Application Associations page is used to implement the Mediation on Input feature. It lets you specify the following in a source application stream:

- Special Function (special post processing)
- CORFILTER
- Filter
- Format Conversion
- Package
- Validation

After you ["Open the Source Application Associations Page" \(10-135\)](#), you can:

- ["Add an Application Association" \(10-136\)](#)
- ["Go to Another Page in the Source" \(5-81\)](#)
- ["Update an Application Association" \(10-137\)](#)

Figure 37 Source Application Associations Page

Source Application Associations

Source Application AssociationsGo

Source: aftp, X Inactive, ✓ Not Suspended, 2003-03-24 16:26:18.0, FTP
Type: FTP (Parameters) File Format: LargeFormat

Application Associations

	Input File Format	Application		Output File Format	Up?	Down?
		Type	Name			
(As Read From the Source)		* Special Function	None	LargeFormat		
→ LargeFormat		* Special Function	None	LargeFormat		

Application

Type: * Special Function
Name: None

UpdateCancel

SubmitReset

When the source sends files to DM, they are put in the primary billing data file directory. Prior to transmission to the destination, the current input files are combined, using a temporary file space, into one output file that is no larger than the Maximum File Size value specified on the Source Destinations page. After merging the files, they are processed through the Production Filter or Format mediation features, if applicable, and transmitted to the specified destination.

- A CORFILTER is a special Correlation Filter that is automatically generated when you audit a Correlation File Conversion ID
- A specific type of application ID can be used only once in an application stream
- The Validation application may be applied before or after the Filter application
- The Validation application must be applied before the Format Conversion application
- When specified, the Package Manager must always be the last application applied in the application stream
- This page is not applicable to SEARCH source types
- When adding or modifying application associations, you must ensure that the output file format of the first row is the same as the input file format of the second row, and so on, for the entire application associations table. If the formats do not match, an error message is displayed

Elements

These elements are on this page and are described in the *Application Elements Reference Guide*:

- [Down](#)
- [File Format \(for Data File Collection\)](#)
- [Input File Format](#)
- [Name](#)
- [Output File Format](#)
- [Source](#)
- [Type \(for Sources\)](#)
- [Up](#)

References

- For information on the Filter Application Page, see "[Filter Application Page](#)" (11-765) in the *Mediation Features User Guide*

Open the Source Application Associations Page

To open the Source Application Associations page:

1. Click **Sources** on the Data Mediation System Launch page. The Sources page opens.
2. Click the [Source](#) in the table. The Source page opens.
3. Select **Application Associations** from the **Go** menu. The Application Associations page opens.

Add an Application Association

To add an application association:

1. Follow the instructions to ["Open the Source Application Associations Page" \(10-135\)](#).
2. Click the **New** icon.



The application area appears.

3. Fill out these form fields:
 - » [Type \(for Destination Application Associations\)](#)
 - » [Name](#)
4. Click **Update**.
5. Click **Submit**.

Update an Application Association

To update an application association:

1. Follow the instructions to "[Open the Source Application Associations Page](#)" (10-135).
2. Select the application association in the table. The application area appears.
3. Update these form fields:
 - » [Type \(for Destination Application Associations\)](#)
 - » [Name](#)
4. Click **Update**.
5. Click **Submit**.

Source Destinations Associations Page

After you ["Open the Source Destinations Associations Page" \(11-141\)](#), you can:

- ["Add a Source Destination" \(11-142\)](#)
- ["Go to Another Page in the Source" \(5-81\)](#)
- ["Remove a Source Destination" \(11-144\)](#)

This page is not available for CORRELATE sources.

Figure 38 Source Destinations Associations Page

Source Destination Associations Source Destination Associations Go

Source: [aftp](#), ☒ Inactive, ☒ Not Suspended, 2003-03-24 16:26:18, FTP

Type: FTP ([Parameters](#))

0 Associated Destinations 13:53:30 5/20/2003

	Name	Status	Suspended?	Max. File Size	Protocol	File System
--	------	--------	------------	----------------	----------	-------------

29 Available Destinations 13:53:30 5/20/2003

	Name	Status	Suspended?	Protocol	File System
	A	<input checked="" type="checkbox"/> Inactive	<input checked="" type="checkbox"/> Not Suspended	FTP	/72/billing
	AA	<input checked="" type="checkbox"/> Inactive	<input checked="" type="checkbox"/> Not Suspended	FTP	/72/billing
	jsvSFTPdest	<input checked="" type="checkbox"/> Inactive	<input checked="" type="checkbox"/> Not Suspended	SFTP	/72/billing
	jsvSFTPdest2	<input checked="" type="checkbox"/> Inactive	<input checked="" type="checkbox"/> Not Suspended	SFTP	/72/billing

Submit Reset

When using this page, follow these guidelines:

- Assign sources to at least one destination before data collection is enabled
- You can route data from a single source to more than one destination
- You can assign multiple sources to a single destination

- Merge multiple files from a source into one file before it is processed and sent to a specific destination so that you:
 - » Reduce the number of files a destination receives
 - » Increase the size of the files that are sent to a destination
 - » Reduce the number of times the destination receives files from DM by sending a smaller number of larger files instead of many small output files

Elements

These elements are on this page and are described in the *Application Elements Reference Guide*:

- [File System \(for Data File Storage\)](#)
- [Maximum File Size \(for the Source Destinations Page\)](#)
- [Name](#)
- [Protocol \(for Sources\)](#)
- [Source](#)
- [Status](#)
- [Suspended?](#)
- [Type \(for Sources\)](#)

References

- To associate sources and destinations on the Destinations Source page, see "[Destination Source Associations Page](#)" (7-55) in the *Destinations User Guide*

Open the Source Destinations Associations Page

To open the Source Associations Destinations page:

1. Click **Sources** on the Data Mediation System Launch page. The Sources page opens.
2. Click the [Source](#) in the table. The Source page opens.
3. Select **Associated Destinations** from the Go menu. The Source Destinations page opens.

Add a Source Destination

To add a source destination:

1. Follow the instructions to ["Open the Source Destinations Associations Page" \(11-141\)](#).
2. To add the source destination to the Associated Destinations table, click the icon beside the destination in the Available Destinations table.
3. To merge files, enter a [Maximum File Size \(for the Source Destinations Page\)](#).
4. Click **Update**.
5. Click **Submit**.

Update a Source Destination

To update a source destination:

1. Follow the instructions to ["Open the Source Destinations Associations Page" \(11-141\)](#).
2. Select the checkbox beside the destination in the Associated Destinations table. The Maximum File Size field appears.
3. To merge files, enter a new value for [Maximum File Size \(for the Source Destinations Page\)](#).
4. Click **Update**.
5. Click **Submit**.

Remove a Source Destination

To remove a source destination:

1. Follow the instructions to ["Open the Source Destinations Associations Page" \(11-141\)](#).
2. To remove the destination from the Associated Destinations table and move it back to the Available Destinations table, click the icon beside the destination in the Associated Destinations table.
3. Click **Submit**.

Site Information Page

After you ["Open the Site Information Page \(for Sources\)" \(12-147\)](#), you can:

- ["Add a Contact" \(12-150\)](#)
- ["Add Site Information" \(12-149\)](#)

After you ["Open the Site Information Page \(for Destinations\)" \(12-148\)](#), you can:

- ["Add a Contact" \(12-150\)](#)
- ["Add Site Information" \(12-149\)](#)

This page is not available for the EXCEPTION, SEARCH, and TRACER source types and not available for the CORRELATE destination type.

Figure 39 Site Information Page

Destination Site Information

Destination Site Information

Go

Destination: liaoSFTP1, X Inactive, ✓ Not Suspended, 2003-03-17 16:22:25

Protocol: SFTP (Parameters)

Site Information

Street Address: 1114 Route 4 NW

City/State/Country: Pemberville, IN 47016

Comments:

Software Generic: v1.9a

1 Contact

13:51:42 5/05/2003

Name

Title

Telephone Number

Email

Jane Doe Contact

Assistant

515-889-0417

jdoeContact@site.com

*Name:

Title:

Telephone Number:

Pager Number:

Email:

Fax Number:

Update

Cancel

Submit

Reset

Elements

These elements are on this page and are described in the *Application Elements Reference Guide*:

- [City/State/Country](#)
- [Comments](#)

- [Date last updated](#)
- [Email](#)
- [Fax Number](#)
- [Name](#)
- [Pager Number](#)
- [Software Generic](#)
- [Source](#)
- [Street Address](#)
- [Title](#)
- [Type \(for Sources\)](#)

Open the Site Information Page (for Sources)

1. Click **Sources** on the Data Mediation System Launch page. The Sources page opens.
2. Click the [Source](#) in the table.
3. Select **Site Information** from the **Go** menu.

Open the Site Information Page (for Destinations)

1. Click **Destinations** on the Data Mediation System Launch page. The Destinations page opens.
2. Click the [Destination](#) in the table.
3. Select **Site Information** from the **Go** menu.

Add Site Information

To add site information:

1. Follow the instructions to ["Open the Site Information Page \(for Sources\)" \(12-147\)](#) or ["Open the Site Information Page \(for Destinations\)" \(12-148\)](#).
2. Fill out these form fields:
 - » [Street Address](#)
 - » [City/State/Country](#)
 - » [Comments](#)
 - » [Software Generic](#)
3. Click **Submit**. The Contacts table appears.
4. To add a contact, see [Add a Contact](#).
5. Click **Submit**.

Add a Contact

Before you add a contact, you must first follow the instructions to "[Add Site Information](#)" (12-149).

To add a contact:

1. Follow the instructions to "[Open the Site Information Page \(for Sources\)](#)" (12-147) or "[Open the Site Information Page \(for Destinations\)](#)" (12-148).

2. Click the **New** icon.



3. Fill out these form fields:

- » [Name](#)
- » [Telephone Number](#)
- » [Email](#)
- » [Title](#)
- » [Pager Number](#)
- » [Fax Number](#)

4. Click **Update**.

5. Click **Submit**.

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