



bTrade

Error and Return Codes

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1 Purpose

The purpose of this document is to provide a reference guide to aide in the process of understanding and troubleshooting error and return messages.

2 Error Codes

In general, a return code of zero indicates success, any other return code indicates a problem of some kind. Frequently, a high-level error code will be returned, along with text describing the error condition in more detail. This error detail may contain error codes from other application layers, including transport (FTP, SMTP, POP3, HTTP), transport encryption (SSL), compression/decompression, encryption/decryption (RSA BSAFE, RSA TIPEM, S/MIME), and various other system errors pertaining to file system access, spawning of threads or other children processes, etc.

2.1 TDAccess

The following error and return codes pertain to TDAccess

- | | |
|-------------|--|
| RC=0 | OK
The task or action was successful. |
| RC=1 | FTP server error
Indicates a 100-series response from an FTP error was the last response prior to a command-failure. Normally 100-series messages are informational responses from the server; it is unusual, but not impossible, for an FTP session to fail with no further response after a 100-series message.

ACTION: Review communications session log to identify error, correct, and re-try. |
| RC=2 | FTP server error
Indicates a 200-series response from an FTP or HTTP error was the last response prior to a command-failure. Normally 200-series messages are given in response to successful FTP or HTTP commands; it is unusual, but not impossible, for a communications session to fail after a 200-series message.

ACTION: Review communications session log to identify error, correct, and re-try. |
| RC=3 | Either:

Invalid command-line argument

An invalid or unknown command-line argument was entered.

ACTION: Correct the command-line argument and re-try.
Or: |

FTP server error

Indicates a 300-series response from an FTP error was the last response prior to a command-failure.

ACTION: Review FTP session log to identify error, correct, and re-try.

RC=4

Either:

Usage information

A request for Help or Usage information has been made.

ACTION: The program will display Help and Usage information.

Or:

FTP or HTTP server error

Indicates a 400-series response from an FTP or HTTP error was the last response prior to a command-failure.

ACTION: Review communications session log to identify error, correct, and re-try.

RC=5

Either:

Memory allocation error

The program failed to allocate required memory resources.

ACTION: Free (some) memory resources and re-try.

Or:

FTP or HTTP server error

Indicates a 500-series response from an FTP or HTTP error was the last response prior to a command-failure.

ACTION: Review communications session log to identify error, correct, and re-try.

RC=6

File open error

The program failed to open a file. Usually, more details about the error are given, indicating if the error is due to permissions, or a missing file, and so on.

ACTION: Verify file permissions, the existence of a file being read, and so on, and re-try.

RC=7

Invalid file name

A file has been specified with an invalid name.

ACTION: Correct the invalid file name and re-try.

RC=8

No network style specified

The action requested cannot proceed until a network instance with a valid network style has been selected or specified.

ACTION: Verify the network style of the specified network and re-try.

RC=9

No network currently selected

No network has been designated to be current.

ACTION: Specify a current network and re-try.

RC=10

No networks defined

No valid network instances have been found in your easyacc.ini file.

ACTION: Try re-installing the EasyAccess software, or contact bTrade.com for help.

RC=11

No SECURITY network found

No valid SECURITY network has been found in your easyacc.ini file. This is an informational message.

RC=12

No MAINT network found

No valid MAINT network has been found in your easyacc.ini file. This is an informational message.

RC=13

Passwords must match

An attempt to change passwords has failed because the second entry of the new password did not match the first entry.

ACTION: Re-enter the new password and re-try.

RC=14

Invalid network name

The network-name specified does not exist in your easyacc.ini file.

ACTION: Re-enter the network name and re-try.

- RC=15** **Error accessing ini-file**
One of the required .ini files cannot be found.
- ACTION: Restore a backup copy (*.bak), or re-install the product.
- RC=16** **Error processing ini-file**
One of the required .ini files could not be processed.
- ACTION: Restore a backup copy (*.bak), or re-install the product.
- RC=17** **Software trial expired**
The trial period for evaluating the bTrade.com product(s) has expired.
- ACTION: Call bTrade.com and order a production copy of the program(s).
- RC=18** **Audit Logs are not available**
The current network instance does not support Audit Logs.
- ACTION: Do not request Audit Logs from this network instance. Select a different network instance and re-try.
- RC=19** **Invalid Stored Transfer data**
The specified Stored Transfer has errors. This message is usually accompanied with additional text describing the specific error. (See also Section 2 on Transfer Validation Errors)
- RC=20** **Transfer already exists**
The specified transfer already exists.
- RC=21** **No Transfer has been specified**
The action specified cannot be started until a Transfer is specified.
- RC=22** **Outstanding certificate request**
The Gen-Keys request has been stopped since you already have an outstanding certificate request.
- RC=23** **Default passphrase location**
OK to use the default passphrase location?
This message displays during the creation of a certificate request. If 'No' is pressed, the user may specify a more convenient, or, more secure, passphrase location.
- RC=24** **Communications object create failed**

The creation of a communications object failed.

ACTION: This is usually the result of missing data. The eaxfer.log file in the temp sub-directory details what is wrong or missing. Correct the problem and re-try.

RC=25 Failed to connect to server

ACTION: Verify the server's address or name, and port information and re-try.

RC=26 Logon to server failed

ACTION: Verify the server logon, and re-try.

RC=27 File Put to server failed

ACTION: Examine the eacomm.log in the temp directory for more details on the failure; correct and re-try.

RC=28 File Get from server failed

ACTION: Examine the eacomm.log in the temp directory for more details on the failure; correct and re-try.

RC=29 File Delete on server failed

ACTION: Examine the eacomm.log in the temp directory for more details on the failure; correct and re-try.

RC=30 File Listing on server failed

An attempt to obtain a file list from a server has failed.

ACTION: Examine the eacomm.log in the temp directory for more details on the failure; correct and re-try. Typically, this is corrected by changing the setting of PASSIVE for the network instance.

RC=31 Change Directory on server failed

ACTION: Examine the eacomm.log in the temp directory for more details on the failure; correct and re-try.

RC=32 Data query from XFER object failed

ACTION: Examine the eacomm.log in the temp directory for more details on the failure; correct and re-try.

RC=33 EDI data sent with errors

ACTION: This occurs when sending files to the IGN network (only) and indicates the IGN discovered error(s) in your EDI data.

RC=34 Decompression of file failed

The program was unable to decompress the specified file. Typically, when this occurs, a copy of the file is saved off with a file name noted in the accompanying error message text.

ACTION: The program will not be able to decompress the file, perhaps because a conflicting series of Decomp() parameters and keywords have been specified. You can attempt to manually decompress the saved-off copy of the file, or can reset the Decomp() parameters and re-try.

SEE ALSO: COMPRESS and DECOMP Error Messages and Codes (below)

RC=35

Compression of file failed

The program was unable to compress the specified file. Additional information describing the error in more detail is usually provided.

ACTION: Correct the error condition and re-try.

SEE ALSO: COMPRESS and DECOMP Error Messages and Codes (below)

RC=36

Invalid delayed start time

The time entered for a delayed start is invalid.

ACTION: Correct and re-try.

RC=37

Invalid start or end date

The start or end date entered is invalid.

ACTION: Correct and re-try.

RC=38

File List on Server failed

An attempt to obtain a file list from a server has failed.

ACTION: Examine the eacomm.log in the temp directory for more details on the failure; correct and re-try. Typically, this is corrected by changing the setting of PASSIVE for the network instance.

RC=39

File Download on Server failed

ACTION: Examine the eacomm.log in the temp directory for more details on the failure; correct and re-try.

RC=40

File Delete on Server failed

ACTION: Examine the eacomm.log in the temp directory for more details on the failure; correct and re-try.

- RC=41** **Incorrect logon password**
ACTION: Verify the server logon, and re-try.
- RC=42** **No files found to be downloaded**
This informational message indicates that the mailbox being polled has no messages to be downloaded.
- RC=43** **No files selected**
ACTION: Select one or more files before re-trying the action.
- RC=44** **Install of runtimes failed**
ACTION: Review import.log in the EasyAccess directory for more details, and if possible, correct and re-try. Typically, this error requires assistance from bTrade.com staff to resolve.
- RC=45** **Windows RAS Error**
(Windows platforms only) A problem with the Remote Access Services (RAS) has occurred. This is a catch-all error message which is usually combined with a more detailed message. If possible, correct and re-try.
- RC=46** **RAS Dialer disabled for this program**
(Windows platforms only) The Remove Access Services (RAS) dialer has been disabled for this program, usually because one or more of the RAS System DLLs are missing or cannot be loaded.
- RC=47** **Dial connection already exists**
(Windows platforms only) Informational message indicates a dial connection already exists.
- RC=48** **No dial connection exists**
(Windows platforms only) No dial connection exists, so the specified action cannot proceed.

ACTION: Configure and test a Windows dial connection, then set up Auto Dial within EasyAccess.
- RC=49** **Import PFX input error**
(IGN network styles only) An attempt to import a PFX file into your runtimes has failed because the file you entered does not exist, or the password you entered is invalid. Additional detail should be provided with this message.

ACTION: Verify the PFX file location and its password, and re-try.

- RC=50** **PFX Import failed**
(IGN network styles only) An attempt to import a PFX file into your runtimes has failed. Additional detail should be provided with this message.
- RC=51** **No On-line Help Available**
No help is available for this topic.
- RC=52** **Are you sure you want to do this?**
Warning message box title for various messages.
- RC=53** **You really don't want to do that!**
Warning message box title for various messages.
- RC=54** **Error opening basein.msg file**
File basein.msg could not be opened. This file provided IE/Expedite functionality when invoked using the iebase program.

ACTION: Verify the file basein.msg is present and re-try.
- RC=55** **An internal error has occurred**
Catch-all error message for obscure should-never-happen errors. This message is always paired with more descriptive text which gives more details on what is going wrong.
- RC=56** **EasyAccess Restart file found**
(Informational message only) The EasyAccess restart file has been found and will be used.
- RC=57** **Invalid Control Port**
An invalid control port was specified. Allowed values are typically greater than zero.

ACTION: Verify the control port value and re-try.
- RC=58** **Specified transfer(s) pre-empted**
(Informational message only) Due to simultaneous requests to perform multiple actions, some of the requested actions will be deferred. For example, a request for a Query List, or Audit Log, is made while requesting several transfers be run. In this case, the transfers will be deferred until a later program run.
- RC=59** **Error creating certificate request**
An attempt to create a Certificate Request has failed. More detail is typically given in the error message text to help identifying the

root cause of the problem, which can be anything from a missing sub-directory to a corrupted runtime files.

ACTION: Determine the cause of the error and re-try. If the error continues, contact bTrade.com Technical Support.

RC=60

Transfer pre-processing failed

A transfer's pre-processing step failed. The pre-processing step let's the user run any program, batch file, script file, and so on. The user must specify what return code from the program, batch file, etc. is to be considered an error and which value signifies success.

ACTION: (GUI) On the Pre-Processing Setup Screen, make use of the 'Test Now' button until the pre-processing step is running correctly.

RC=61

Transfer post-processing failed

A transfer's post-processing step failed. The post-processing step let's the user run any program, batch file, script file, and so on. The user must specify what return code from the program, batch file, etc. is to be considered an error and which value signifies success.

ACTION: (GUI) On the Post-Processing Setup Screen, make use of the 'Test Now' button until the post-processing step is running correctly.

RC=62

Failed to load DLL

A required DLL could not be loaded. This message always appears with more information concerning which DLL could not be loaded and the reason (typically, it can not be found).

ACTION: Resolve the problem indicated and re-try.

RC=63

Database Initialization Error

An error occurred while trying to initialize or connect to a database. Two databases are supported: MDN (EDI-INT/AS1/AS2 only) database, and SecureManager database (for dynamic runtimes) (available with SecureAccess product only). Additional error information always appears with this message.

ACTION: Diagnose the problem, correct, and re-try.

RC=64

Database Open Error

An error occurred while trying to open a database. Two databases are supported: MDN (EDI-INT/AS1/AS2 only) database, and SecureManager database (for dynamic runtimes) (available with SecureAccess product only). Additional error information always appears with this message.

ACTION: Diagnose the problem, correct, and re-try.

RC=65

Failed to create database record

An error occurred while trying to create a row in a database table. Two databases are supported: MDN (EDI-INT/AS1/AS2 only) database, and SecureManager database (for dynamic runtimes) (available with SecureAccess product only). Additional error information always appears with this message.

ACTION: Diagnose the problem, correct, and re-try.

RC=66

An unknown IEBASE error has occurred

The IEBASE program failed with no explanation.

ACTION: Try running IEBASE manually instead of via the EasyAccess command-line, in an effort to understand why it is failing.

2.2 Communications Object

The following error and return codes pertain to the communications object

RC=102

Failed at create step

The creation of a communications object failed.

ACTION: This is usually the result of missing or bad data. The eaxfer.log file in the temp sub-directory details what is wrong or missing. Correct the problem and re-try.

RC=103

Failed at init step

The initialization of a communications object failed.

ACTION: This is usually the result of missing or bad data. The eaxfer.log file in the temp sub-directory details what is wrong or missing. Correct the problem and re-try.

RC=104

Failed to connect to host

An attempt to connect to a remote server failed.

ACTION: This is usually the result of missing or bad data. The `eaxfer.log` file in the temp sub-directory details what is wrong or missing. Correct the problem and re-try.

RC=105

Failed to login to host

An attempt to login to a remote server failed.

ACTION: This is usually the result of missing or bad user Id or password data. The `eaxfer.log` file in the temp sub-directory details what is wrong or missing. Correct the problem and re-try.

RC=106

Session already started

A session already exists with the specified server. This error indicates the calling program is trying to create another communications object instance when one already exists. This error should not occur within EasyAccess.

RC=107

No session has been started

A session does not exist with the specified server. This error indicates the calling program is trying to execute a command before a communications object instance has been created. This error should not occur within EasyAccess.

RC=108

No session exists to be ended

No communications session exists to be ended. This error indicates the calling program is trying to end a session where none exists. This error should not occur within EasyAccess.

RC=109

N/A

RC=110

Failed to instantiate XFER object

The master communications object could not be created.

ACTION: This is usually the result of missing or bad user Id or password data. The `eaxfer.log` file in the temp sub-directory details what is wrong or missing. Correct the problem and re-try.

RC=111

Bad input found in constructor

The master communications object could not be created because of specified bad or missing input data.

ACTION: This message specifies which data is missing or bad. Correct the problem and re-try.

RC=112

N/A

RC=113	N/A
RC=114	N/A
RC=115	<p>Bad data request caught in code firewall An object request has been made using bad or missing information.</p> <p>ACTION: This error indicates the calling program is trying to invoke a method within the communications object with bad or missing data. This error should not occur within EasyAccess.</p>
RC=116	<p>Feature unsupported for platform A requested action is not supported for the current network style, or on the current computing platform.</p> <p>ACTION: This error should not occur within EasyAccess.</p>
RC=117	<p>Failed to delete file on server An attempt to delete a file on a remote server has failed.</p> <p>ACTION: Verify you have permission to delete files on the server, then re-try.</p>
RC=118	<p>Failed to perform 'ls' on server An attempt to obtain a list of files from the server has failed.</p> <p>ACTION: Examine the eacomm.log in the temp directory for more details on the failure; correct and re-try. For FTP servers, this is corrected typically by changing the setting of PASSIVE for the network instance.</p>
RC=119	<p>Put failed or failed partially (IGN network styles only) The IGN server has processed a SendEDI transfer and one or more of the EDI interchanges generated errors.</p> <p>ACTION: Review the eacomm.log in the temp directory for more details on the failure; the IGN server usually relays a specific reason for the failure. Correct the data, and re-try.</p>

2.3 Transfer Validation

The following error and return codes pertain to transfer validation.

RC=201	Bad transfer name
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The name of the transfer is missing, or needs to be enclosed in quotes.

RC=202

Bad transfer logon

The optional transfer logon, which consists of a user Id and password is only half-specified (either user Id or password is missing).

RC=203

Bad transfer files

The file(s) specified are in error. Either the file does not exist, or it is not readable or writable.

RC=204

Bad transfer class

The Class (APRF, or Subject) field, which is required for some network styles, is empty, or is too long.

RC=205

Bad transfer userId

The User Id (Mailbox) field, which is required for most network styles(except when doing SendEDI), is empty, or too long.

RC=206

Bad perpetual transfer

Some attribute of a perpetual transfer is incorrect.

RC=207

Bad transfer parameters

Some attribute of a transfer is incorrect. This may include extra, unrecognized keywords, or keywords which contradict normal usage with the specified network style. For example, SendEDI is not supported by the Fedex network style.

2.4 COMPRESS and DECOMP

The following are error messages and codes pertaining to COMPRESS and DECOMP.

RC=1

Error allocating memory

A failure occurred allocating memory for work areas.

ACTION: Examine the accompanying system message to determine the cause of the error. Correct the problem and rerun COMPRESS or DECOMP.

RC=9

File xxxxxxxx is not a compressed file

The specified input file does not contain a TDComm-Press signature.

ACTION: This is an informational message. It is issued as a precaution to the user that an input file was not recognized by DECOMP as a compressed file.

RC=14

Compressed data ended prematurely for input file

A new compressed segment started, or end-of-file was reached, before the current segment was complete. Processing continues with the next compressed file.

ACTION: The compressed data has been altered or corrupted, and cannot be accurately decompressed.

RC=15

CRC failure (reason code=15) for input file

DECOMP detected a failure during cyclic redundancy checking. Processing continues with the next compressed file.

The compressed data has been altered or corrupted, and cannot be accurately decompressed. DECOMP bypasses the corrupted file and continues decompressing with the next compressed file.

RC=17

Unable to decompress data due to restricted license violation

You have a restricted license to use Comm-Press software only with specific trading partners. Compressed data can only be exchanged and decompressed with those partners.

ACTION: Contact bTrade.com at 800-425-0444 for information on obtaining a full, unrestricted license.

RC=18

Invalid EDI envelope

The EDI data being compressed or decompressed contains an incomplete envelope. This error can also occur when an invalid segment terminator is encountered.

ACTION: If compressing, do not use carriage return, line feed or new line characters as the segment terminator. Correct the EDI envelope and rerun COMPRESS. If decompressing, then the file has most likely been corrupted. Processing continues with the next envelope.

RC=20

Error opening input file

An error occurred when the specified input file was being opened.

ACTION: Examine the accompanying system message to determine the cause of the error. Correct the problem and rerun COMPRESS or DECOMP.

- RC=21** **Error reading input file**
An error occurred when the specified input file was being read.
- ACTION: Examine the accompanying system message to determine the cause of the error. Correct the problem and rerun COMPRESS or DECOMP.
- RC=24** **Error positioning input file**
An error occurred when the input file was being positioned for decompression.
- ACTION: Examine the accompanying system message to determine the cause of the error. Correct the problem and rerun DECOMP.
- RC=30** **Error opening output file**
An error occurred when the specified output file was being opened.
- ACTION: Examine the accompanying system message to determine the cause of the error. Correct the problem and rerun COMPRESS or DECOMP.
- RC=31** **Error reading output file**
An error occurred when the specified file was being read.
- ACTION: Examine the accompanying system message to determine the cause of the error. Correct the problem and rerun COMPRESS.
- RC=32** **Error writing output file**
An error occurred when the specified output file was being written.
- ACTION: Examine the accompanying system message to determine the cause of the error. Correct the problem and rerun COMPRESS or DECOMP.
- RC=33** **Error closing output file**
An error occurred when the specified output file was being closed.
- ACTION: Examine the accompanying system message to determine the cause of the error. Correct the problem and rerun COMPRESS or DECOMP.
- RC=34** **Error positioning output file**
An error occurred when the output file was being positioned for compression.

ACTION: Examine the accompanying system message to determine the cause of the error. Correct the problem and rerun COMPRESS.

RC=35

Error retrieving info for file

An error occurred while retrieving the MVS DCB parameters for the specified file.

ACTION: Examine the accompanying system message to determine the cause of the error. Correct the problem and rerun COMPRESS or DECOMP.

RC=36

Error opening EDI log file

RC=37

PDS output not allowed with EDI or APPEND PARMS

DATAOT must be a sequential file when using the EDI or APPEND options.

ACTION: Change the DATAOT DD to use a sequential dataset and rerun COMPRESS or DECOMP.

RC=38

SYSUT1 and DATAXX files cannot be PDS

SYSUT1 and DATAXX must be sequential files.

ACTION: Change the SYSUT1 and/or DATAXX DD to use a sequential dataset and rerun DECOMP.

RC=50

Error opening encrypt.key file

An error occurred opening the file that contains the encryption/decryption key.

ACTION: Examine the accompanying system message to determine the cause of the error. Correct the problem and rerun COMPRESS or DECOMP.

RC=51

Error reading encrypt.key file

An error occurred reading the file that contains the encryption/decryption key.

ACTION: Examine the accompanying system message to determine the cause of the error. Correct the problem and rerun COMPRESS or DECOMP.

RC=54

Error decrypting file (invalid pad character)

The specified file did not decrypt successfully during DECOMP processing.

ACTION: A corrupted compressed file most likely causes this. The file cannot be accurately decompressed. DECOMP bypasses the file and continues decompressing with the next compressed file.

RC=55

Error decrypting file

The specified file did not decrypt successfully during DECOMP processing.

ACTION: An incorrect decryption key most likely causes this. The same key used to encrypt the data during compression must be used to decrypt the data during decompression. Provide the correct key in the encrypt.key file and rerun DECOMP.

RC=56

DES encryption not supported in this version

RC=57

Triple DES encryption not supported in this version

Triple DES encryption is only available in TDCComm-Press versions distributed in the United States and Canada.

ACTION: Lobby the United States government to pass legislation allowing U.S. companies to export strong encryption software. Call us if you are successful.

RC=58

Encryption hardware error

An error was returned when attempting to access the hardware encryption device.

RC=60

Error opening work/reject file

An error occurred when the specified file was being opened.

ACTION: Examine the accompanying system message to determine the cause of the error. Correct the problem and rerun DECOMP.

RC=61

Error reading work/reject file

An error occurred when the specified file was being read.

ACTION: Examine the accompanying system message to determine the cause of the error. Correct the problem and rerun DECOMP.

RC=62

Error writing work/reject file

An error occurred when the specified file was being written.

ACTION: Examine the accompanying system message to determine the cause of the error. Correct the problem and rerun DECOMP.

RC=63

Error closing work/reject file

An error occurred when the specified file was being closed.

ACTION: Examine the accompanying system message to determine the cause of the error. Correct the problem and rerun DECOMP.

RC=65

Unable to create work file

DECOMP cannot generate a unique name for the work file.

ACTION: Delete the temporary files (names beginning with '~WK') and rerun DECOMP.

RC=66

Error deleting work file

An error occurred when the specified file was being deleted.

ACTION: Examine the accompanying system message to determine the cause of the error. Correct the problem and rerun DECOMP.

RC=70

No input files found

No input files were found to compress/decompress.

ACTION: This may be a normal condition. However, the command line parameters may specify an incorrect input pathname/filename. If this is the case, then correct the command line parameters and rerun COMPRESS or DECOMP.

RC=71

xxxx is an invalid parameter

The listed command line argument is not recognized as a valid parameter by COMPRESS or DECOMP

ACTION: Refer to "Error! Reference source not found." and "Error! Reference source not found." for a description of the COMPRESS and DECOMP command-line parameters. Correct the command line and rerun COMPRESS or DECOMP.

RC=72

String error processing command-line arguments

An internal error occurred while parsing the command line.

ACTION: Contact bTrade.com for help in resolving this problem.

RC=73

Invalid output pathname

The format of the output pathname specified in the command line is invalid.

ACTION: Correct the command-line parameters and rerun COMPRESS or DECOMP.

RC=74

Cannot de/compress files into themselves

The command line parameters specify that the output files are to retain the names of the input files, but the target directory for the output files is the same directory where the input files reside.

ACTION: Either specify a target directory that is different than the directory that contains the input files, or supply a filename for the output files.

RC=75

Error generating automatic extension

COMPRESS or DECOMP cannot generate an automatic extension for the output file. Files already exist for all possible extensions.

ACTION: Delete or rename some of the output files and rerun COMPRESS or DECOMP.

RC=76

Invalid file name in SELECT

The SELECT parameter contains an invalid filename. The SELECT cannot be parsed.

ACTION: Re-enter the command with a corrected SELECT parameter.

RC=77

Invalid file sequence in SELECT

The SELECT parameter contains an invalid file sequence. The SELECT cannot be parsed.

ACTION: Re-enter the command with a corrected SELECT parameter.

RC=78

Error creating output directory

An error occurred when the specified output directory was being created.

ACTION: Examine the accompanying system message to determine the cause of the error. Correct the problem and rerun DECOMP.

- RC=79** **Error processing TRANTBL**
An error occurred when opening or reading the specified translate table file.
- ACTION: Examine the accompanying system message to determine the cause of the error. Correct the problem and rerun COMPRESS or DECOMP.
- RC=80** **Error opening parameter file**
An error occurred when opening the parameter file.
- ACTION: Examine the accompanying system message to determine the cause of the error. Correct the problem and rerun COMPRESS.
- RC=81** **Error reading parameter file**
An error occurred when reading the parameter file.
- ACTION: Examine the accompanying system message to determine the cause of the error. Correct the problem and rerun COMPRESS.
- RC=83** **Error processing SYSIN PARMS**
An error occurred when processing the SYSIN dataset.
- ACTION: Examine the secondary error message to determine the cause of the error. Correct the problem and rerun DECOMP.
- RC=84** **Dynamic allocation error**
An error occurred during dynamic allocation of the output dataset.
- ACTION: Use the error codes in the message and reference the MVS documentation to determine the cause of the error. Correct the problem and rerun DECOMP.
- RC=89** **Invalid TDComm-Press version**
- RC=90** **Invalid TDComm-Press version**
The data was compressed with a version of TDComm-Press that is either no longer supported or that is later than that used to decompress.
- ACTION: If the TDComm-Press version is no longer supported, then the sender must upgrade to the current version. Otherwise,

you must upgrade to the latest version. Contact bTrade.com at 800-425-0444 to acquire the latest version.

RC=91-98

CRC failure (reason code=91-98) for input file

DECOMP detected a failure during cyclic redundancy checking. Processing continues with the next compressed file.

ACTION: The compressed data has been altered, or corrupted, and cannot be accurately decompressed. DECOMP bypasses the corrupted file and continues decompressing with the next compressed file.

RC=100

Too many subdirectory levels (maximum=100)

You are trying to recursively process nested subdirectories but the maximum of 100 nested levels has been reached.

ACTION: The operation cannot be performed. You must rearrange your subdirectories before compression so that no more than 100 levels exist.

RC=101

Error initializing certificate file

An error occurred when COMPRESS tried to initialize the certificate runtime file.

ACTION: Examine the accompanying operating system messages, as well as the secondary error message, to determine the reason for the init error. Correct the error and rerun COMPRESS.

RC=102

Error initializing private key file

An error occurred when COMPRESS tried to initialize the private key runtime file.

ACTION: Examine the accompanying operating system messages, as well as the secondary error message, to determine the reason for the init error. Correct the error and rerun COMPRESS.

RC=103

Error processing SECFILE

An I/O or other error occurred when COMPRESS was processing SECFILE.

ACTION: Examine the accompanying operating system messages, as well as the secondary error message issued by COMPRESS, to determine the reason for the error. Correct the error and rerun COMPRESS.

RC=104

Error processing cplookup.tbl

An I/O or other error occurred when COMPRESS was processing CPLOOKUP.

ACTION: Examine the accompanying operating system messages, as well as the secondary error message issued by COMPRESS, to determine the reason for the error. Correct the error and rerun COMPRESS.

RC=105

Error processing random object

A severe error occurred when COMPRESS or DECOMP was processing the random number object.

ACTION: Examine the secondary error message issued by COMPRESS, to determine the reason for the error. The BSAFE return code is especially important in determining the cause of the error. For common BSAFE Return Codes look in the BSAFE Return Codes section. Contact bTrade.com for help in resolving the error.

RC=106

Error building SxS segment

A severe error occurred when COMPRESS was building the SxS segment used to hold bulk encryption information.

ACTION: Examine the accompanying operating system messages, as well as the secondary error message issued by COMPRESS, to determine the reason for the error. The BSAFE return code is especially important in determining the cause of the error. For common BSAFE Return Codes look in the BSAFE Return Codes section. The most common reason for this error is the absence of a valid certificate for the RECEIVER. Correct the error and rerun COMPRESS.

RC=107

Error building signature segments (SxA/SVA)

A severe error occurred when COMPRESS was building the SxA/SVA segments used to hold digital signature information.

ACTION: Examine the accompanying operating system messages, as well as the secondary error message issued by COMPRESS, to determine the reason for the error. The BSAFE return code is especially important in determining the cause of the error. For common BSAFE Return Codes look in the BSAFE Return Codes section. The most common reason for this error is the absence of a valid certificate or private key for the SENDER, or a missing or invalid passphrase file. Correct the error and rerun COMPRESS.

RC=108

Error processing SxS segment

A severe error occurred when DECOMP was processing the SxS segment used to hold bulk encryption information.

ACTION: Examine the accompanying operating system messages, as well as the secondary error message issued by DECOMP, to determine the reason for the error. The BSAFE return code is especially important in determining the cause of the error. For common BSAFE Return Codes look in the BSAFE Return Codes section. The most common reason for this error is the absence of a valid certificate or private key for the RECEIVER, or a missing or invalid passphrase file. Correct the error and rerun DECOMP.

RC=109

Error processing signature segment (SxA/SVA)

A severe error occurred when DECOMP was processing the SxA/SVA segments used to hold digital signature information.

ACTION: Examine the accompanying operating system messages, as well as the secondary error message issued by DECOMP, to determine the reason for the error. The BSAFE return code is especially important in determining the cause of the error. For common BSAFE Return Codes look in the BSAFE Return Codes section. The most common reason for this error is the absence of a valid certificate for the SENDER, or the data has been corrupted or tampered with. Correct the error and rerun DECOMP.

RC=110

Error initializing symmetric key file

An error occurred when COMPRESS tried to initialize the symmetric key run-time file.

ACTION: Examine the accompanying operating system messages, as well as the secondary error message, to determine the reason for the init error. Correct the error and rerun COMPRESS.

RC=111

Error verifying message authentication code (SxE)

The computed message authentication code did not match what was sent on the SxE segment.

ACTION: The decompressed data has failed authentication processing. This may be due to a corrupted file or tampering. DECOMP bypasses the file and continues decompressing with the next compressed file.

RC=112

Unsecured group (GS/GE) in input

The EDI data contains an unencrypted group.

ACTION: The SECURECK option was specified to prevent unencrypted EDI data from being written to DATAOT. The EDI envelope containing the unencrypted group has been written to the reject file DATAXX.

RC=113

Unsecured transaction (ST/SE) in input

The EDI data contains an unencrypted transaction.

ACTION: The SECURECK option was specified to prevent unencrypted EDI data from being written to DATAOT. The EDI envelope containing the unencrypted transaction has been written to the reject file DATAXX.

RC=114

Error initializing participant file

An error occurred when COMPRESS tried to initialize the participant table runtime file.

ACTION: Examine the accompanying operating system messages, as well as the secondary error message, to determine the reason for the init error. Correct the error and rerun COMPRESS.

RC=115

No relationship found in lookup table

The SECUREONLY option was specified, but a security relationship record was not found in the lookup runtime file.

ACTION: Examine the secondary error message to determine the participants for which no relationship exists. A security relationship must be defined in TDManager, and new run-time files must then be installed, to secure the data.

RC=116

Error connecting to DB2

RC=117

Mixing EDIFACT message types not allowed

RC=118

Error building AUTACK message

RC=119

Error processing AUTACK message

2.4.1 Secondary Messages/Return Codes

The following secondary messages and return codes may appear along with one of the previous messages.

RC=1 **Error allocating memory**
RC=2 **Record not found**
RC=3 **Initialization error**

RC=4	Seed error
RC=5	Message digest does not match SVA
RC=6	Error encrypting digest
RC=7	Signature does not verify
RC=8	Error making random initialization vector
RC=9	Error making random encryption key
RC=10	Error encrypting random encryption key
RC=11	Error decrypting random encryption key
RC=12	Error getting public key
RC=13	Error getting private key
RC=14	No valid certificate found
RC=15	Unsupported compression algorithm
RC=16	Unsupported encryption algorithm
RC=17	Unsupported assurance algorithm
RC=18	Unsupported filter algorithm
RC=19	Error getting secret authentication key
RC=20	Error getting secret encryption key
RC=21	Error retrieving onetime key
RC=22	Encryption hardware error
RC=23	Missing AUTACK message
RC=24	Invalid AUTACK message
RC=60	Error opening file
RC=61	Error reading file
RC=62	Error writing file
RC=70	Incomplete segment

2.4.2 AUTACK Error Codes

The following error codes can be returned when an error is encountered processing an AUTACK message in an EDIFACT interchange:

RC=1000	Error allocating memory
RC=1001	Invalid AUTACK version number
RC=1002	Invalid AUTACK release number
RC=1004	Invalid AUTACK format
RC=1005	NVB digest does not verify
RC=1006	Invalid NVB signature block
RC=1007	Invalid NVB contract number
RC=1008	Invalid NVB EB authorization number
RC=1009	Invalid NVB signature date
RC=1010	Invalid NVB signature time

2.4.2.1 AUTACK Version 1.1 Error Codes

The following error codes are specific to a version 1.1 AUTACK message:

RC=1100	Invalid segment
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RC=1101	Invalid version number
RC=1102	Invalid release number
RC=1103	Invalid security reference value
RC=1104	Invalid reference value
RC=1105	Invalid signature 1
RC=1106	Invalid signature 2
RC=1107	Invalid interchange value
RC=1108	Missing UNH segment
RC=1109	Missing USH segment
RC=1110	Missing USR segment
RC=1113	Invalid UNH segment
RC=1114	Invalid USH segment
RC=1115	Invalid USR segment

2.4.2.2 AUTACK Version 4.1 Error Codes

The following error codes are specific to a version 4.1 AUTACK message:

RC=4100	Invalid segment
RC=4101	Invalid version number
RC=4102	Invalid release number
RC=4103	Invalid security reference value
RC=4104	Invalid reference value
RC=4105	Invalid signature 1
RC=4106	Invalid signature 2
RC=4107	Invalid interchange value
RC=4108	Missing UNH segment
RC=4109	Missing USH segment
RC=4111	Missing USC segment
RC=4112	Missing USY segment
RC=4113	Invalid UNH segment
RC=4114	Invalid USH segment
RC=4116	Invalid USC segment
RC=4117	Invalid USY segment

2.4.3 Additional API Codes

The API can return the following additional error codes in the RC field:

Error Code	Description
13	Input buffer too short (DCMPPROG)
13	Output buffer too short (COMPPROG)
16	Invalid compression signature (DCMPPROG)

2.5 BSAFE Return Codes

BSAFE return codes are issued by the RSA public/private key functions. Most of the return codes you will experience should be explained in the message that accompanies them. However, some return codes are not explained and are described below. If you receive a BSAFE return code that is not explained by the error message and does not appear in the following list, you should contact bTrade.com for help in resolving the problem.

256	Insufficient memory
257	Invalid signature on certificate or CRL
258	Invalid attributes object
259	Invalid number of values for the attribute type
260	The requested attribute type is not in the attributes object
261	Invalid attribute value tag
262	Unknown attribute type
263	Invalid attribute value
264	Invalid attribute value length
265	Invalid format for BER coding
266	Operation was canceled by the surrender function
267	Certificate chain could not be constructed
268	Invalid certificate encoding
269	Invalid certificate object
270	Invalid co set
271	Invalid CRL coding
272	Invalid CRL object
273	Generic data error
274	Fatal database interface error
275	Unsupported DEK (data encryption) algorithm
276	Unknown DEK (data encryption) algorithm
277	Invalid digest object
278	Fatal I/O interface error in enhanced text stream
279	End of stream
280	Even exponent not permitted in public or private key
281	Invalid exponent length in public or private key
282	Cryptographic hardware error
283	Syntax error in PEM header fields
284	Index out of range
285	Invalid length for input data
286	Fatal I/O interface error in input stream
287	Fatal I/O interface error
288	Invalid list object
289	Invalid internal memory object
290	Invalid signature on message
291	Invalid me set
292	Unsupported MIC (message digest) algorithm

293	Unknown MIC (message digest) algorithm
294	Invalid modulus length in public or private key
295	Invalid name object
296	Random object not seeded
297	Certificate, private key, or CRL not found
298	Recipient of incoming message not among potential recipients
299	Unsupported operation requested
300	Invalid length for output data
301	Fatal I/O interface error in output stream
302	Data block exceeds 32,767 bytes
303	Invalid parameter
304	Invalid password for decrypting data
305	Unsupported password-based encryption algorithm
306	Unknown password-based encryption algorithm
307	Fatal I/O interface error in PKCS input stream
308	Fatal I/O interface error in PKCS output stream
309	Fatal I/O interface error in PKCS stream
310	Invalid private key format
311	Invalid message process type
312	Invalid encoding of protected data
313	Invalid public key format
314	Invalid random object
315	Unsupported certificate or CRL signature algorithm
316	Unknown certificate or CRL signature algorithm
317	Invalid syntax for base 64 encoding
318	Fatal I/O interface error in text stream
319	Argument expected to be a #defined constant invalid
320	Invalid certificate validity
321	Invalid message version
322	Invalid you set
512	The value of the algorithm object has already been set by a call to B_SetAlgorithmInfo or by an algorithm parameter generation
513	Invalid format for the algorithm information in the algorithm object
514	Algorithm object has not been initialized by a call to the Init procedure
515	The algorithm object has not been set by a call to B_SetAlgorithmInfo
516	Invalid algorithm object
517	Unknown operation for an algorithm or algorithm info type
518	Insufficient memory
519	Operation was canceled by the surrender function
520	Generic data error
521	Invalid even value for public exponent in key pair generation
522	Invalid exponent length for public exponent in keypair generation
523	Cryptographic hardware error
524	Invalid encoding format for input data
525	Invalid total length for input data

526	The value of the key object has already been set by a call to B_SetKeyInfo or by a key generation
527	Invalid format for the key information in the key object
528	Invalid key length
529	The key object has not been set by a call to B_SetKeyInfo or by a key generation
530	Invalid format for the key information in the key object
531	Unknown operation for a key info type
532	Invalid internal memory object
533	Unsupported modulus length for a key or for algorithm parameters
534	Algorithm is improperly initialized
535	The algorithm chooser does not support the type of key information in the key object for the specified algorithm
536	The maximum size of the output buffer is too small to receive the output
537	Data block exceeds 32,767 bytes
538	The random algorithm has not been initialized by a call to B_RandomInit
539	Invalid algorithm object for the random algorithm
540	Signature does not verify
541	The required algorithm information is not in the algorithm object
542	The required key information is not in the key object
543	Update called an invalid number of times for inputting data
544	Algorithm chooser doesn't contain the algorithm method for the algorithm specified by the previous call to B_SetAlgorithmInfo update called an invalid number of times for outputting data
906	Unable to resolve hostname. Possible causes are (a) firewall is not able to grab an open port to send, (b) DNS server cannot resolve host name, (c) there is no connection to the Internet.
910	Server rejected data sent. Possible causes are (a) AS2 name mismatch, (b) Invalid EDI document

2.6 SSL / TLS Library

The bTrade.com SSL (TLS) software layer may generate the following error codes:

RC=-7000	Insufficient memory or memory allocation error.
RC=-6999	Unsupported feature.
RC=-6998	Overflow error.
RC=-6997	Unknown error.
RC=-6996	SSL Protocol error.
RC=-6995	SSL Negotiation error.
RC=-6994	Fatal alert.
RC=-6993	Would-block error.
RC=-6992	I/O error.
RC=-6991	Session not found.
RC=-6990	Connection closed gracefully.
RC=-6989	Connection closed.

RC=-6988	Bad ASN encoding.
RC=-6987	Integer too big.
RC=-6986	Invalid X509 certificate chain.
RC=-6985	X509 names not equal.

2.7 S/MIME Library

The bTrade.com S/MIME software layer may generate the following error codes:

RC=401	Error initializing cryptographic hardware.
RC=402	Zero certificate length found.
RC=403	Zero work length buffer found.
RC=404	No user logged in to certificate database.
RC=405	Unknown digest algorithm. The bTrade.com S/MIME library recognizes the following digest algorithms: MD5 SHA1
RC=406	Digests do not match. This indicates a signature does not match the document purported to have been signed.

2.8 FTP Library

The bTrade.com FTP software layer may generate the following error codes:

RC=1	FTP server error Indicates a 100-series response from an FTP error was the last response prior to a command-failure. Normally 100-series messages are informational responses from the server; it is unusual, but not impossible, for an FTP session to fail with no further response after a 100-series message.
RC=2	FTP server error Indicates a 200-series response from an FTP error was the last response prior to a command-failure. Normally 200-series messages are given in response to successful FTP commands; it is unusual, but not impossible, for an FTP session to fail after a 200-series message.
RC=3	FTP server error

Indicates a 300-series response from an FTP error was the last response prior to a command-failure.

RC=4 **FTP server error**
Indicates a 400-series response from an FTP error was the last response prior to a command-failure.

RC=5 **FTP server error**
Indicates a 500-series response from an FTP error was the last response prior to a command-failure.

RC=-1001 **Error allocating SSL context**
RC=-1002 **GetHostByName error (error resolving hostname)**
RC=-1003 **Error allocating socket**
RC=-1004 **Socket connect failed**
RC=-1005 **GetSockName failed**
RC=-1006 **Socket accept failed.**
RC=-1007 **(Windows only) WSAShutdown failed (Windows Socket API).**
RC=-1008 **SSL Negotiation failed.**
RC=-1009 **AddDHParams failed**
RC=-1010 **Not connected.**
RC=-1011 **Already connected.**
RC=-1012 **Send failed.**
RC=-1013 **Socket bind failed**
RC=-1014 **Error allocating data buffer**
RC=-1015 **Invalid proxy state.**
RC=-1016 **Data sink required.**
RC=-1017 **Data source required.**
RC=-1018 **Error allocating SSL ID.**
RC=-1019 **Error allocating SSL Path.**
RC=-1020 **GetSSLOptions failed.**
RC=-1021 **SSL AddCertificates failed.**
RC=-1022 **SSL SetPeerID failed.**
RC=-1023 **Database initialization failed.**
RC=-1024 **SSL SetIORef failed.**
RC=-1025 **SSL ConfigureSSLSession failed.**
RC=-1026 **SSL traceFileOpen failed.**
RC=-1027 **SSL traceFile is already open.**
RC=-1028 **SSL certFileOpen failed.**
RC=-1029 **SSL privateFileOpen failed.**
RC=-1030 **Invalid SSL X509 certificate.**

2.9 SMTP Library

The bTrade.com SMTP software layer may generate the following error codes:

RC=1002	Generic failure error code
RC=1003	Cannot initialize SMTP DLL.
RC=1004	(Windows only) Cannot initialize Windows Socket API.
RC=1005	Out of memory.
RC=1006	Unknown host.
RC=1007	Cannot allocate socket.
RC=1008	Cannot bind socket.
RC=1009	Host not responding.
RC=1010	Cannot send command to server.
RC=1011	Timed out.
RC=1012	Invalid handle.
RC=1013	Invalid option.
RC=1014	Operation in progress.
RC=1015	Operation aborted
RC=1016	Insufficient length.

2.10 POP Library

The bTrade.com POP software layer may generate the following error codes:

RC=1002	Generic failure error code
RC=1003	Cannot initialize SMTP DLL.
RC=1004	(Windows only) Cannot initialize Windows Socket API.
RC=1005	Out of memory.
RC=1006	Unknown host.
RC=1007	Cannot allocate socket.
RC=1008	Cannot bind socket.
RC=1009	Host not responding.
RC=1010	Cannot send command to server.
RC=1011	Timed out.
RC=1012	Invalid message.
RC=1013	Invalid handle.
RC=1014	Invalid option.
RC=1015	Operation in progress.
RC=1016	Operation aborted
RC=1017	Insufficient length.

2.11 HTTP Library

The bTrade.com HTTP software layer may generate the following error codes:

RC=900	Bad host address.
RC=901	Bad host port.
RC=902	Bad Socket API context.
RC=903	Bad Socket context.
RC=904	Feature not supported.

RC=905	Not connected.
RC=906	Connection error.
RC=907	No response file.
RC=908	No timeout value.
RC=909	Send error.
RC=910	Receive error.
RC=911	Memory error.
RC=912	File open error.

2.12 JPEG2000 Library

The bTrade.com HTTP software layer may generate the following error codes:

RC=801	Failed to open image file.
RC=802	Unknown or unsupported image format
RC=803	Error decoding image.
RC=804	Error encoding image.

2.13 TDNgine Error Codes

The following error codes are related to TDNgine.

XIC-NO-INFO	TA3	000	I43 No Errors
XIC-NO-INFO	TA3	002	I43 This Standard as Noted in the Control Standards Identifier is not Supported
XIC-NO-INFO	TA3	009	I43 Invalid Value as Shown in the Reported Interchange Sender ID
XIC-NO-INFO	TA3	012	I43 Invalid Value as Shown in the First Reference ID Qualifier
XIC-NO-INFO	TA3	013	I43 Invalid Value as Shown in the First Reference ID
XIC-NO-INFO	TA3	016	I43 Trading Partnership not Established
XIC-NO-INFO	TA3	017	I43 Invalid Number of Included Groups Value
XIC-NO-INFO	TA3	018	I43 Invalid Control Structure
XIC-NO-INFO	TA3	021	I43 Invalid Data Element Separator
XIC-NO-INFO	TA3	027	I43 Invalid Grade of Service Code
XIC-NO-INFO	TA3	029	I43 Time Out, Delivered
XIC-NO-INFO	TA3	030	I43 Time Out, Processed
XIC-NO-INFO	TA3	033	I43 Interchange Exceeds Maximum Size

2.14 Process Router

The following describes some of the possible severe and warning level error messages that can be generated by the Process Router.

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Process Router Errors		
Error Message	Level	Description
Address target name already exists, overwriting	Warning	This warning is generated when an address verb in an event oplet specifies an address target name that was already used. The address information stored with that name is overwritten with the new information.
Attempt to add process oplet with same Name as existing oplet	Warning	The same oplet name was found in two process oplet files.
Attempt to trigger a process embryo for which a process is already running.	Warning	A correlation value was generated that is already in use by a running process instance. This is caused by bad or duplicate data being received by the Process Router.
BIND address already in use, terminating	Error	This error occurs when the Process Router attempts to use a TCP/IP port that is already in use. The Process Router cannot continue operation when this happens.
Cannot purge, purge-document did not specify a name	Warning	The purge-document keyword did not specify a name of a document to purge.
Cannot render graph with no final target for this thread.	Error	This is indicative of a severe internal error. Report to bTrade immediately.
Cannot render, type not supported: <type>	Error	These messages indicate that a bad filter graph was constructed. This is most likely caused by an error in the configuration file defining the filter graph.
Cannot store document (<document name>)	Error	There was a problem storing a document to disk.
Cannot store, store-document did not specify a name	Warning	The store-document keyword did not specify a name of a document to store.
Circular graph detected.	Warning	This message is generated when the Process Router fails to dynamically construct a filter graph due to the construction of a circular graph. This happens when the MIME type of the incoming data was unanticipated, or a needed filter was not loaded.
Class name not specified in filter definition	Warning	A filter definition section of the configuration file is missing the class name of the filter.
Could not build filter graph for type <type>	Error	This error occurs when the Process Router tries to create a filter graph for the given data and is unable. This is typically due to either an unknown MIME type associated with the data, or a required filter is not loaded.
Could not build filter graph.	Error	This error occurs when the Process Router tries to create a filter graph for the given data and is unable. This is typically due to either an unknown MIME type associated with the data, or a required filter is not loaded.
Could not create connection for pool: <SQL message>	Error	This error occurs if a connection to the database could not be established.
Could not create connection: <SQL message>	Error	This error occurs if a connection to the database pool could not be established.
Could not create instance: <detailed error>	Error	There was a problem creating a process instance. The most likely cause of this is a correlation value was generated that is already in use by a running process instance.
Could not find builder for <filter>	Warning	This warning indicates that a filter graph definition references a filter that was not loaded. The usual cause is that the filter was not configured to load.

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Could not find document for <name>	Warning	This warning occurs if a name is queued for delivery, but no document corresponding to this name exists. This usually indicates an inconsistent state within the Process Router.
Could not find filter class: <detailed error>	Warning	This warns the user that a configured filter class could not be found on the system, or there was an error creating the filter object.
Could not find Task class <class>	Error	This error occurs if a class is defined in the Tasks section of the configuration, but the class itself cannot be found.
Could not instantiate Task class <class>	Error	This error occurs if a class is defined in the Tasks section of the configuration, but there was an error initializing the class.
Could not load document, database error: <detailed error>	Error	There was a problem either in the database or the document data while loading a document from the disk.
Could not load document, document error: <detailed error>	Error	There was a problem either in the document data while loading document from the disk.
Could not load partner database from file: <detailed error>	Error	This error occurs when there is a problem with loading the partner definition file.
Could not parse partner database file: <detailed error>	Error	This error occurs when there is a problem with loading the partner definition file.
Could not update process data: <detailed error>	Error	There was a problem updating the process data on disk. May be an I/O or database error.
Database error purging old files: <detailed error>	Error	There was a database error while purging stale files from the system.
Delivery failed for <document>	Error	This message notifies of a failure-delivering document <document>.
DispatchToTransform: No oplet found for transform.	Warning	This warning is generated when no suitable transform oplet was found at a registry node, due to non-matching triggering document types or conditions.
Document NOT delivered to delivery queue.	Warning	This warning is generated if there was a problem sending a routed document to the delivery queue.
Document <document> is NOT FOUND, CANNOT ROUTE	Error	A document <document> was queued for delivery, but the document itself could not be found.
Duplicate check failed, cannot process document.	Warning	This warning is generated when more than one oplet can process an incoming document, but one or more of the oplets has the 'check-for-duplicate' flag in the oplet info set to true.
Error building rule set: <problem details>	Warning	There was a problem within a classifier rule file.
Error creating filter builder: <detailed error>	Warning	This warns the user that a configured filter class could not be found on the system, or there was an error creating the filter object.
Error creating filter: <detailed error>	Error	This message is generated when a filter generates an error when it is loaded.
Error creating resource: <detailed error>	Error	There was a database error while creating a database resource object.
Error parsing oplet: <detailed error>	Error	These messages are generated if there was an error parsing an oplet file.
Error reading config file: <detailed error>	Error	This message is generated when the Process Router cannot read its configuration file. The Process Router cannot continue operation in this case.
Error with event <eventide>	Error	This error occurs when a document event's internal data is corrupted.

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Expected process table tablename does not exist. Some data may have been lost.	Warning	This warning is generated when an inconsistency is found concerning the process database. The Process Router will operate normally, but some process instance data may no longer exist.
External function exception in class.method: <detailed error>	Error	This error is generated when a user-created external function has an error. The error generated by the external function follows this message.
Failed loading rule set from <file>	Error	This indicates a bad file format in a classifier rule file.
Failed to create shared instance: <detailed error>	Error	There was a problem creating a file storage object.
Failed to recover process instance for pid: <detailed error>	Error	This error can occur during system recovery if there was a problem recovering process instances.
Failed to register process instances	Error	This error can occur during system recovery if there was a problem recovering process instances.
Failed to render XML from oplet: <detailed error>	Error	This message is generated if there was an error parsing an oplet file.
Failure reading registry data file, attempting to read from directory	Error	This error occurs if the Process Router failed reading a registry.dat file. The Process Router will read the registry contents from the configured directory instead.
Fatal Error parsing oplet: <detailed error>	Error	This message is generated if there was an error parsing an oplet file.
FGRT received non MMP object: <detailed error>	Error	<i>This is indicative of a severe internal error. Report to bTrade immediately.</i>
Filter config name has no inType.	Warning	A filter class is missing a required internal configuration item.
Filter config name has no outType.	Warning	A filter class is missing a required internal configuration item.
Final target not found on remove.	Warning	This warning indicates problems in the filter graph construction, and could indicate an inconsistent state within the Process Router.
I/O error purging old files: <detailed error>	Error	There was an input/output error while purging stale files from the system.
Invalid correlation expression: <detailed error>	Error	This message denotes a correlation expression that is not valid XPath.
Invalid email address: <detailed error>	Warning	The send-email keyword specified an email address in an invalid format.
Invalid name queued for delivery (ignoring): <name>	Warning	This warning occurs if a badly formatted name is queued for delivery. Please report this message to bTrade.
Invalid next-correlation-value-expr in transition	Error	This message is generated by invalid XPath in the 'next-correlation-value-expr' attribute of a transition. The offending transition name follows this message.
IO Error in connection:	Error	This error occurs when there is an error sending or receiving data over a socket. Detailed information follows this message.
Local Registry directory is empty; registry not loaded.	Warning	The directory specified in the configuration file for the local registry does not contain any oplets.
Missing start-pos or end-pos.	Warning	The classifier verb "range" is missing a required parameter.
Name specified in address-to-use (<address-to-use value>) is unknown.	Warning	The 'address-to-use' parameter to a route keyword contains a name for which address information was never created.

bTrade
Error and Return Codes

No method: <detailed error>	Warning	This warns the user that a configured filter class could not be found on the system, or there was an error creating the filter object.
No resource configured for partner database. Exiting.	Error	The partner database does not have a database resource defined in the configuration file.
No source data to render."	Error	A null object was passed to the output filter graph for rendering.
No transport information for <detailed error>	Error	This error is generated when the Process Router cannot find the information needed to connect to the remote system to which the document is being delivered. This implies missing information in the partner definition file.
Non vector or vector source sent to MakeMime	Error	These messages indicate that a bad filter graph was constructed. This is most likely caused by an error in the configuration file defining the filter graph.
Parent rule <rule> not found in rule set for <file>	Error	This indicates that a classifier rule definition specifies a parent rule that doesn't exist.
Problem during recovery: <detailed error>	Error	This error happens when the Process Router has an internal problem during the recovery process. The Process Router cannot continue operation in this case.
Problem updating transaction log: <detailed error>	Error	This error occurs if the Process Router had a problem updating the transaction's database. This is indicative of a database problem.
Process model already has a start state, cannot define another.	Warning	A process model defines more than one start state, which is illegal.
Process recovery data doesn't exist for: <detailed error>	Error	An expected recovery table wasn't found for a process model, when one was expected. The Process Router database should be examined.
Recovery requested for process that doesn't exist: <detailed error>	Error	An expected recovery table entry wasn't found for a process model, when one was expected. The Process Router database should be examined.
Rule-set directory does not exist. Check configuration.	Warning	This warning is generated when the configured directory for holding classifier rules could not be found.
Send failure: <detailed error>	Error	This message indicates that a document could not be sent to a remote system. The exact cause follows the first part of this error message.
Setting final target for thread that already has one. Continuing.	Warning	This warning indicates problems in the filter graph construction, and could indicate an inconsistent state within the Process Router.
Trying to route document with no route info	Warning	This warning will be generated if a document is routed, but the document was never addressed.
Trying to update record for event <eventid> that never existed.	Warning	This warning informs the user that status information is being updated for an event, but no record of the event exists. This usually indicates an inconsistent state being cleaned up during recovery.
Unknown event oplet keyword: <keyword>	Warning	An event oplet contains an unknown keyword.
Unknown Protocol Found, protocol=<protocol>	Warning	A protocol was specified for an endpoint in the partner configuration that the Process Router does not recognize.
Warning parsing oplet: <warning details>	Warning	The XML parser generated a warning while reading an oplet file.

2.15 Connector API

The connector has 2 types of error messages:

1. Application layer error from process router. The email message will have format like:

subject: <connector name> alert message from <connector host name>

content: Alert from PR message handler with ufn = <ufn>. Please refer to attached file for details.

The email will have an attachment that is an xml file which contains the error details.

2. System layer error from connector itself. The email message will have format like:

subject: Process Router receiver Error : ufn = <ufn> filename =<filename>

content: <error message string>

In both cases, ufn is the tag used to uniquely identify the inbound message. <connector name> and <connector host name> are addressed during installation.

<filename> is the file name stored in connector temp directory for debugging purpose.