Problem	Probable Cause	Solution
Numeric values on MU REPORT detail lines contain .00 but corresponding fields on Easytrieve Plus report are spaces.	The field mask in the Easytrieve Plus program contains Z's beyond the decimal point.	Code "* EASYTRAN: FORCEBWZ=YES" option in your Easytrieve Plus program to force BWZ in the generated COBOL.
Fields displayed on report detail or title lines are being chopped off or missing.	Field positions are overlapping.	Code "* EASYTRAN: MOVERPT=EASYT" option in your Easytrieve Plus program.
SC04 Protection Exception preceded by: IEC141I 013-20 Message.	The FILE definition for the file shown in the IEC141I message does not match the file record format specified in the JCL (example F, V, VB, VBS or VS or U).	Add the appropriate file type to the FILE statement in your Easytrieve Plus program. Verify DD statement for the file in error, in the JCL, for consistency with file definition in your Easytrieve Plus program.
SC04 Protection exception	Your Easytrieve Plus program is calling a submodule that was linked with AMODE(24)	Use "* EASYTRAN: IOMODE=DYNAM24" or "* EASYTRAN: IOMODE=NODYNAM with "* EASYTRAN: PROCESS DATA(24)" to generate COBOL to run in 24 bit Adresssing Mode.
SC04 Protection exception	You are using Easytrieve Plus Tool Kit macros but you have not removed the Tool Kit macro library from the PANDD/MACROS in the JCL.	Remove any Easytrieve Plus Tool Kit macro libraries from the PANDD/MACROS concatenation in your JCL.
SC04 Protection exception	You are calling FSYTPA00 program from a third party Source Code Management system.	Change EXEC statement in the JCL to execute FSYTPA31 instead of FSYTPA00.
FILE I/O ERROR STATUS-CODE=39	The FILE definition for the file shown in the IEC141I message does not match the file record format specified in the JCL (example F, V, VB, VBS or VS or U).	Add the appropriate file type to the FILE statement. Verify DD statement for the file in error, in the JCL, for consistency.
JOBnnnnn IEC141I 013-20	The FILE definition for the file shown in the IEC141I message does not match the file record format specified in the JCL (example F, V, VB, VBS or VS or U).	Add the appropriate file type to the FILE statement. Verify DD statement for the file in error, in the JCL, for consistency.

Output display numeric fields of MU contain a "C" in the zone of last byte but Easytrieve Plus contains an "F".	The field is defined as a signed numeric field and arithmetic/ASSIGN was done on it.	Use FSIGN=YES/ALL option to force and "F" sign .
Data exception SC07 occurred on Packed Unsigned field.	The content of Packed Unsigned field is not numeric.	Make sure that the content of Packed Unsigned filed contains a valid digit 0 thru 9 in each nibble. If you need to test for hex values, redefine the field as alpha field and use the alpha field name in the test.
Data exception SC07 occurred.	The content of the field is not numeric or numeric field is re-defined with two or more numeric fields defined with decimal places, or numeric field is a group item with non-numeric fields subordinate to it.	Make sure that the field contains numeric values. If field is a group item, use "* EASYTRAN: FSIGN=ALL" to force F sign in the last byte of subordinate fields, or remove decimal places from subordinate field(s) if coded as zero.
Link step does not execute	COND=(0,LT) coded on link step but COBOL returned RC=04.	Code COND=(5,LT) on the link step.
Output file from MU is truncating the first byte.	The output file is being created via the DISPLAY statement but the file definition in the Easytrieve Plus program is not a PRINTER file.	Change file definition to PRINTER file and adjust JCL to treat it as RECFM=FBA.
COBOL Compiler error. IGYPS0176-E A nonnumeric literal in hexadecimal notation with an odd number of characters.	A hex literal with odd number of digits is coded in the Easytrieve Program. Example X'056'.	Adjust the literal to contain an even number of digits taking into consideration the field length. For example, if the field is a two bytes field then the hex literal must contain 4 digits. Pad leading digits with zeros if required.
Working Storage areas or file records seem to be damaged.	A bad subscript or index. False DO WHILE logic.	Translate MU program with "* EASYTRAN: PROCESS SSRANGE". This option will issue a descriptive message when subscript/index goes beyond the field OCCURS range.

Sequence Error on Synchronized file.	File is out of sequence.	Sort file before using it in a Synchronized Job. Note that Easytrieve Plus does not check file sequence in Synchronized File jobs, therefore the outcome of its work is uncertain.
Sequence Error on data of Instream Table file	The ARG is out of sequence	Re-arrange ARG values so that they are in proper sequence.
IGZ0061S Division by zero / Decimal Divide Exception	An attempt was made to do division by zero.	Use "* EASYTRAN: SIZERROR=(ZERO ALL)" or * EASYTRAN: SIZERROR=(ZERO EXIT)" option for controlling this situation or change the Easytrieve Plus program to check for zero divisor.
MU outcome of arithmetic is not as precise as that of Easytrieve Plus. Decimals are off.	You ar doing high order math operation on fields that have more than two decimal places.	Use "* EASYTRAN: CFACTOR=YES" to force COMPUTE statement to carry out 8 decimal places in intermediate calculations.
Value of target numeric field in MOVE statement is not the same as that of Easytrieve Plus.	You are using MOVENUM=NATIVE option in EZPARAMS/EASYTRAN.	Change parameter to MOVENUM=EASYT
Two byte binary field is limiting value to 9999.	TRUNC(BIN) or TRUNC(OPT) was removed from the PROCESS statement, or the two byte binary field is being moved into a 4 digit alpha field, then from alpha into a numeric field.	Make sure to use PROCESS TRUNC(BIN). It can be provided via "* EASYTRAN: PROCESS TRUNC(BIN)" or in EZPARAMS default table. Verify logic and make sure that you do not use MOVE into an alpha or numeric field.
FSYTPA00 has problems allocating files.	#EZTPROC contains errors. FSYPROCS table does not point to the correct #EZTPROC.	Make sure that FSYPROCS table was properly assembeled and linked into MU library. Check MODEL=, CWORK=, TWORK= and any other statemts for errors. Use SVC99=MSGALL in #EZTPROC to see all messages.
FSYTPA00 has problems allocating files.	#EZTPROC was not properly tailored for non-SMS users.	See Installation chapter how to tailor #EZTPROC for non-SMS installation.

FSYTPA00 has problems allocating files.	RACF and security exits.	Make sure that RACF allows files with high qualifier as coded on the MODEL= in #EZTPROC.
DISPLAY messages and run statistics are printing to SYSOUT.	COBOL PROCESS OUTDD(SYSOUT)	Add "* EASYTRAN: PROCESS OUTDD(SYSPRINT)" to your program or change PROCESS in EZPARAMS to use SYSPRINT as default.
MU does not work after renaming MU product libraries.	FSYPROCS was not changed to reflect the new names.	Change FSYPROCS to reflect the new names and assemble it into the new MU SFSYLOAD library.
GETMAIN error 878-10. Job is short on memory.	Not enough memory is available to run MU.	Use REGION=0M on the JOB or EXEC statement. Generate program to run in AMODE(31). You can do so by coding "* EASYTRAN: PROCESS DATA(31)"
MU report contains a blank line at the top of each page.	NOHEADING was coded on the Report Statement.	Use " * EASYTRAN: NEWPAGE=EASYT" option to suppress the blank line.
MU report does not match EZT Report / there seems to be blank lines.	Blank lines grouping is not exact. Note that MU and EZT group blank lines in increments of 3 instead of printing each line. A print control character compensates for the missing lines.	Your report is probably correct. Shift your report to the right to view the leftmost byte. The first byte is the print control character that compensates for the blank lines. If so, use MU's JCYCNV20 utility to compare your reports.
The first byte of MU report records does not match that of Easytrieve Plus report.	The first byte of printed lines is the print control character. Both, MU and EZT group blank lines in increments of 3 instead of printing each line. Sometime, the grouping of blank lines is not the same.	Your report is probably correct. Shift your report to the right to view the leftmost byte. The first byte is the print control character that compensates for the blank lines. Use MU's JCYCNV20 utility to compare your reports.
Fields are not reset on each JOB cycle.	Field was defined with RESET option but MU is being run with RESET=NATIVE.	Run MU with "* EASYTRAN: REASET=EASYT"

IMS/DL1 is getting STATUS-CODE=AC	Segment key definition is not defined or it is wrong.	MU requires DL1 key to be declared on the RECORD for each segment if used in RETRIEVE. Declare the key as needed.
Output field of MU contains leading spaces and the output of Easytrieve Plus contains zeros.	MOVE from alpha field into a numeric field.	Use INSPECT statement in the Easytrieve Plus program to replace all leading spaces by zeros in the input field.
Link step is getting return code of 08. There are unresolved modules.	Library containing missing modules is not concatenated to the SYSLIB.	Make sure that COBOL LE SCEELKED and MU SFSYLOAD are concatenated to SYSLIB. If missing modules are your application sub-module(s), concatenate your library that contains the module to the SYSLIB.
Error in Link step due to DFSLI000	RMSRLIB in #EZTPROC is wrong or RMSRLIB is not concatenated to your SYSLIB.	Correct the #EZTPROC or your JCL.
Date format is wrong	MU's EASYDTAB is not compatible with EZTOPT. Table. This is an installation issue.	MU Administrator. Change date masks and formats in EASYDTAB to match theose of Easytrieve Plus. EASYDTAB is located in &sys1.SFSYCCLM.
Comments found in Easytrieve Plus programs are not generated in the COBOL code.	MU does not carry over Easytrieve Plus comments because Easytrieve comments span from CC 1 thru 72 and COBOL area for comments is CC 7 Thru 72. There is no way to of making sense of it.	There is no solution to this issue.
MU is flagging "CONTINUE" label as undefined.	CONTINUE was used as a label.	CONTINUE is a valid COBOL verb, therefore MU allows it as a valid verb in Easytrieve Plus programs. Change CONTINUE to some other name.
LINE/TITLE overflows nn bytes	The Mu's default LRECL for SYSPRINT is not consistent with Easytrieve Plus.	Adjust PRINTER= in the EZPARAMS table to match the default length for SYSPRINT of Easytreive Plus.

Message	Explanation	Action
LINE/TITLE overflows nn bytes	The LINESIZE cannot accommodate all fields.	Code LINESIZE NN on REPORT statement that is sufficient to hold all fields being printed. Also, make sure that the PRINTER file LRECL can accommodate the new line size. If you are using default SYSPRINT, code "* EASYTRAN: PRINTER=(SYSPRINT,nnn)".
DB2 Attach is failing	MU's DB2 interface was not activated	MU Administrator. Activate DB2 interface as per Installation Chapter.
MU is printing extra Headings/Titles	LINE has no quantitative fields and CONTROL breaks do not contain NOPRINT	Code NOPRINT after each field on CONTROL statement to suppress control break printing.
MU report is missing Headers / Titles	CONTROL statement contains NEWPAGE NOPRINT but there are DISPLAY statements in REPORT exits.	Refer to report exits in the Reference manual. Use %REXOVCK ON macro to force page overflow test in REPORT exit(s).
ALPHABETIC incompatible class	ALPHABETIC test was used on numeric field.	Change "ALPHABETIC" to "NOT NUMERIC"
LABELS INSIDE IF/DO NEST	&LABEL is coded in unsopported place.	See Chapter 3, "Compatibility check", in MU's Reference Manual.
SYSTEM COMPLETION CODE=0C4 REASON CODE=00000010. ACTIVE LOAD MODULE NAME=IGZCEV5.	Missing COBOL LE environment runtime load library from JOBLIB/STEPLIB.	Add COBOL LE environment runtime load library to your JOBLIB/STEPLIB. Consult system programmer for the correct name. The usual name is CEE.SCEERUN.
Output files of MU do not match those produced by Easytrieve Plus and/or files contain extra or fewer records.	Input files to MU are not the same as input files to Easytrieve Plus. Input files were updated by some other system between the runs. Input options might be different. IF statements in the activity section are not compatible.	Use the same input files and options for both MU and Easytrieve Plus. Make sure that files are not updated by some other program between the runs, i.e., CICS. Verify IF statements for suspicios compares such as compare of strings of unequal length, etc.

Output files of MU do not match those produced by Easytrieve Plus. Numeric fields seem to contain a letter in the last position.	Display numeric fields were defined as signed fields.	Use "* EASYTRAN: FSIGN=YES" or "* EASYTRAN: FSIGN=ALL". See Chapter 11, "Migration Utility Translator options" in the IMU Reference Manual for deatails.
COBOL LE core dump is not produced.	Missing "//CEEDUMP DD SYSOUT=*" from your JCL.	Add CEEDUMP to the JCL.
How do I include a custom #EZTPROC in the JCL	Need to run MU on different system using single MU product.	Code "//FJPROC0 DD DSN=&DSN(#EZTPROC),DISP-SHR" in the JCL.
How do I save COBOL Program	Need to save COBOL	Code FJSYSPH DD statement in the JCL. File must be LRECL=80, RECFM=FB
How do I save COBOL compiler listing	Need to save COBOL Listing	Code COBLIST DD statement in the JCL. File LRECL=133, RECFM=FBA
How do I add additional COBOL PROCESS statements.	Need for COBOL options	MU Administrator: You can code default COBOL statements in the EZPARAMS (at the top is the default). Programmer: You can supply, in your program, "* EASYTRAN: PROCESS &OPTION1,&OPTION2. . ". Multiple statements can be added.
How do I link an MU program.	Do not know how to link an MU program.	Code: PARM LINK (&NAME) in the program and provide SYSLMOD in the JCL. SYSLIB is required in the JCL for including called sub-modules.
How do I run Link & Go programs.	Do not know how to run Link & Go MU programs	Your program is run as Link & Go when there is no PRAM LINK (&NAME) found in the program. Make sure that you include all necessary files in the JCL.

How do I run programs in AMODE(24)	Need to run programs in below 16MB	Use "* EASYTRAN: IOMODE=DYNAM24" to run in dynamic mode or code "* EASYTRAN: PROCESS DATA(24)" in combination with "* EASYTRAN: IOMODE=NODYNAM" to run in static mode.
Files allocated by JCGENFIL job are not being allocated as per SPACE= provided in the JCL.	The SMS on your system is set-up to release space automatically.	Use storage class that does not release space automatically.
The layout for file / working storage generated by MU seems to be wrong.	The field definitions are overly fragmented.	Refer to " Compatibility check" "Ambiguous field position" section in Chapter 3 in the Reference Manual.
How do I tell if my program is Easytrieve Plus or Easytrieve Classic?	Need to identify program	Look at the EXEC statement. Easytrieve Plus executes EZTPA00, Classic executes EASYTREV. In addition, statements in the program are different. Example, Classic usually has no JOB or REPORT statements.