



Field Developed Solution Catalog

Version **8.2**

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This document contains the catalog of all the Micro Focus Field Developed Solutions (“FDS”).

The FDS Support Policy can be found on the [Field Developed Solutions](#) page under “FDS External Support Document”.

For more information on Field Developed Solutions, please email consulting@microfocus.com.

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Summary of Changes

Version	Date issued	Description
6.0	July 17, 2013	Document enhancements and Enterprise Server FDS list updates
6.1	August 10, 2013	Various adjustments and corrections
6.2	January 7, 2014	Add MFEXCI FDS
6.3	June 18, 2014	Add MFAIFACE FDS Add MFDB2UTL FDS Updated MFFTP description Updated MFCDI hours included and pricing Updated MFDB2UTL hours and pricing
6.4	December 11, 2014	Add EA FindPackageLocationInJAR FDS Add EA CLIST+REXX+PANEL FDS Add EA PA plugins FDS
6.5	March 16, 2015	Add MFSEPMON FDS
7.0	August 6, 2015	Add descriptive detail to FDS rows Remove MFPKZIP FDS in favor of MFWZZIP provided as part of MFADRDSU FDS Add MFMTTP Remove MFCCI Remove MFCICSSM Remove MFDBM Remove MFGIP Remove MFSPMG
8.0	January 13, 2016	Remove MFEZTI FDS
8.1	December 13, 2016	Added MFEZTI Remove MFFTP for SFTP Pricing adjustments
8.2	December 27, 2016	Update MFCDI for Linux support

Enterprise Server (“ES”) FDS

ES FDS, including hours for Customer Specific Configuration Assistance

FDS Code	FDS Name	FDS Description	Hours Included	Price
MFADRDSU	Backup, restore, archiving and zip utility	Utility to emulate certain functionality of the IBM utility ADRDSSU. The primary functions are the ability to DUMP selected files to a backup location, RESTORE those files from the backup location, COPY files, and DELETE files. Data set names (“DSN”) may be included or excluded and the catalog is used to support the following functions: DUMP, DELETE, COPY, COMPRESS, RESTORE, VMRESTORE. FDS also selectively invokes MFWZZIP FDS to perform ZIP and UNZIP functions using WinZip, PKZIP or 7-Zip.	24	\$18,000
MFAIFACE	Automated data download, conversion, cataloging and transmission utility	Utility to enhance and automate file processing and cataloging for GDGs, VSAM and FLAT files using Micro Focus Mainframe Access (“MFA”). Transmits data files from z/OS to Windows using MFA for file download and transfer and automates EBCDIC to ASCII conversion, creates JCL for cataloging the files within the Micro Focus Enterprise Server (ES) environment, and transmits data from Windows to other UNIX or Windows server(s).	16	\$16,000
MBFTCHUT	Batch Utilities	JCL Utility using Web Services to Close Files and Disable Transactions in Enterprise Server. Key Functions: <ul style="list-style-type: none"> ○ Update the status of CICS files (set OPEN, CLOSED, ENABLED, DISABLED, writestatus, readonly, updatable) Issues “casfile” commands under the covers ○ Update the status of CICS transactions (enable, disable, newcopy, phasein) Issues “castran” commands under the covers ○ Initiate transactions (start) <ul style="list-style-type: none"> ▪ Makes ECI calls to initiate transactions, which execute headless, as there is no provision for terminal I/O or commarea ▪ ECI support formerly required purchase of IBM CTG. ▪ Support ECI calls natively, within and between ES endpoints without additional third party software. ○ A batch jobstep can perform scripts of these functions against the current and/or any other connected ES region ○ Integrates with ES security rules 	24	\$16,000

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FDS Code	FDS Name	FDS Description	Hours Included	Price
MFCAS	CASSTART utility	MFCAS is a utility for starting CASSTART via Windows ID (Windows only). MFCAS allows you to run CASSTART and start Enterprise Server servers on Windows with more flexibility.	2	\$2,000
MFCDI	IBM Sterling Connect:Direct Integration utility	Provides for interfacing with the IBM Sterling Connect:Direct software using JCL executing within Micro Focus Enterprise Server. MFCDI simulates program DGADBATC that initiates a file transfer process based on control cards provided in the JCL via the Linux/UNIX/Windows command line. Processes standard C:D JCL and parameter card statements as they exist on the mainframe today with no JCL or parameter card changes. Functions included are: - MFDMBTCH - Replacement for the Connect:Direct DMBATCH utility - MFCOMAND - Program that issues command line requests and is called by MFDMBTCH - CHKFILE - program that checks for the presence of a file in a given PC directory - MFJCTLCB - The Micro Focus supplied JCL control block interface API - RBC1401 - JCL member that is a sample of how to invoke MFDMBTCH - MFCDBTCH - A sample procedure to replace customer specific MVS DMBATCH procedure Note: MFCDI includes detailed requirements analysis and design during the first 16 hours to determine whether consulting assistance in addition to the FDS hours is required.	40	\$18,000
MFEXCI	Utility to call CICS programs from non-CICS programs	Provides a generic, universal substitute for EXCI LINK calls, supporting generic COMMAREAs of varying lengths, which may include a mixture of text and non-text (binary) data. MFEXCI allows continued use of EXCI-style invocation of backend CICS programs, with a minimum of application programming changes, and without needing to purchase additional middleware (e.g. IBM CICS Transaction Gateway).	16	\$12,000
MFDB2USS	DB2 (DSNTIAUL, DSNUTILB, DSNTIAD) utilities for SQL Server	Utility that emulates IBM DB2 utilities for SQL Server. MFDB2USS allows execution of JCL jobs invoking the IBM DSNTIAUL, DSNUTILB, DSNTIAD and DSNTPE2 utility programs for commonly used application SQL tasks.	24	\$25,000

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FDS Code	FDS Name	FDS Description	Hours Included	Price
MFDB2UTL	DB2 (DSNTEP2, DSNTIAD, DSNUTILB) utilities DB2 LUW	Utility that emulates the IBM DB2 utilities for DB2 LUW (UDB). MFDB2UTL allows execution of JCL jobs invoking the IBM DSNTIAUL, DSNUTILB, DSNTIAD and DSNTEP2 utility programs for commonly used application SQL tasks.	24	\$25,000
MFDYNAJI	Dynamic Allocation and Job Information Access utility	Provides an application programmer with the capability of doing a Dynamic File Allocation and to access Job, Job Step and DD Information for a job that is executing in a Micro Focus Enterprise Server solution environment. MFDYNAJI allows developers to obtain Job and DD information and do dynamic file allocations with a simple call from within application programs. This provides the same functional capability using the same techniques the application is currently using on the mainframe.	8	\$8,000
MFEZTI	Easytrieve control card execution utility for Linux, UNIX and Windows	Simulates the mainframe program "EZTPA00" to compile and execute Easytrieve control card in LUW operating environments. Processes standard Easytrieve JCL and parameter card statements as they exist on the mainframe with no JCL or parameter card changes required. Note: MFEZTI includes detailed requirements analysis and design during the first 16 hours to determine whether consulting assistance in addition to the FDS hours is required.	40	\$22,000
MFJCLEXT	JCL Exit Routine	MFJCLEXT is a sample COBOL program showing how to Controls and drive the JCL/Time Sharing Option ("TSO") user exit (MFJUXIT)	2	\$2,000
MFJFOCUS	JCL Wrapper for WebFOCUS	Processes standard Information Builders FOCUS JCL and parameter cards as they exist on the mainframe. Note: MFJFOCUS includes detailed requirements analysis and design during the first 16 hours to determine whether consulting assistance in addition to the FDS hours is required.	24	\$18,000
MFMFEEZDZ	Mainframe Express to Enterprise Developer Conversion Aid	Enables Mainframe Express projects to be either converted or linked to the Enterprise Developer Eclipse or Visual Studio 2010 IDE's	16	\$16,000

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FDS Code	FDS Name	FDS Description	Hours Included	Price
MFMTTP	Utility to issue CICS open and close commands from a batch JCL job	<p>MFMTTP emulates a subset of mainframe MTPBatch utility functionality, to issue CICS open and close commands from batch JCL jobs.</p> <p>The utility executes a sample COBOL Web Services program from JCL which makes EXCI calls into CICS passing data via the commarea.</p> <p>Key Functions:</p> <ul style="list-style-type: none"> ○ Update the status of CICS files (set OPEN, CLOSED, ENABLED, DISABLED, writestatus, readonly, updatable) ○ Issues “casfile” commands under the covers ○ Update the status of CICS transactions (enable, disable, newcopy, phasein) ○ Issues “castran” commands under the covers ○ Initiate transactions (start) <ul style="list-style-type: none"> ▪ Makes ECI calls to initiate transactions, which execute headless, as there is no provision for terminal I/O or commarea ▪ ECI support formerly required purchase of IBM CTG. ▪ Support ECI calls natively, within and between ES endpoints without additional third party software. ○ A batch jobstep can perform scripts of these functions against the current and/or any other connected ES region ○ Integrates with ES security rules 	24	\$12,000
MFSAS	SAS program execution in Enterprise Server environment	<p>Provides for SAS program execution within JCL in an Enterprise Server environment.</p> <p>MFSAS provides job information about the job step that does the interfacing between the Enterprise Server JES Server and SAS.</p> <p>MFSAS includes a SAS API Interface Program (“SASLPA”) which is the mainframe-oriented program that is executed by JCL in a Micro Focus JES Server environment to interface with SAS for Windows.</p> <p>Note: MFSAS includes detailed requirements analysis and design during the first 16 hours to determine whether consulting assistance in addition to the FDS hours is required.</p>	40	\$25,000

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FDS Code	FDS Name	FDS Description	Hours Included	Price
MFSEPMON	Enterprise Server Region Healthcheck Monitor	<p>Monitors the availability of MFDS, and Enterprise Server CICS regions, Batch regions and initiators. The ES Monitoring process will be triggered by the job scheduler (e.g. ADTempus) during the same time period that the ES region being monitored is active. MFSEPMON is started by a job scheduler and is invoked by running command from a command prompt.</p> <p>The monitoring process performs the following actions:</p> <ul style="list-style-type: none"> ○ Checks MFDS is available ○ Checks the ES region is responding ○ Checks the windows processes are correct for the region ○ Validates that the correct number of initiators are active ○ Submits a batch job <p>If any of these checks fail or do not respond then the following actions can occur:</p> <ul style="list-style-type: none"> ○ An email is sent to the users specified in the configuration file ○ A user exit is called passing the error email title and details ○ Messages are output to the task executing the monitoring script along with the appropriate return code 	16	\$12,000
MFSMTPSM	SMTP Send Mail	<p>Provides an equivalent functional replacement for migration projects that utilize the SENDMAIL client feature of IBM SMTP for TCP/IP (part of IBM's Communications Server for z/OS). Applications use MFSMTPSM by writing SMTP control cards in JCL to a SYSOUT class that is routed to the SMTP email writer.</p>	16	\$14,000
MFSORTKW (FDSSORT)	Unsupported SORT Functions	<p>Manages some of the syntax of IBM DFSORT in JCL sources that are not supported by standard MFJSORT program provided with our products. MFSORTKW is a COBOL program linked to MFJSORT as an alias.</p>	16	\$16,000
MFSPHK	Enterprise Server Spool File Housekeeping	<p>Provides spool file archive and deletion capabilities. MFSPHK provides a configurable solution that can be run either on an ad-hoc basis, or scheduled as a regular housekeeping job. Retention periods and archive options can be specified for all spool output classes, and/or individual classes, by class type.</p>	16	\$12,000

FDS Code	FDS Name	FDS Description	Hours Included	Price
MFTIVOLI	JCL variable value resolution User Exit	To support Tivoli Workload Scheduler (“TWS” or “OPC”) job scheduler integration. Resolves variables within JCL and replaces the variables with their corresponding current values. TWS can tailor jobs on the fly at run time using variable substitution. The %OPC SCAN function allows scanning of the JCL substituting variables defined within TWS. TWS provides standard default variables as well as user defined variables. MFTIVOLI emulates this JCL variable substitution functionality.	24	\$18,000
MFTSOPNG	TSO CLIST Utility	Provides support for REXX procedure TSOPING to replace a TSO ping CLIST.	2	\$3,000
MFXTMITIP	Send Mail Utility (JCL)	Provides support for REXX procedure XMITIP to send email from JCL.	8	\$6,000

Enterprise Analyzer (“EA”) FDS

EA FDS include initial hours of Customer Specific Configuration Assistance

EA FDS - General

FDS Code	FDS Description	Hours Included	Price
APSBUNDLE	Bundle of Advanced Printing Services (“APS”) pre-processing components – includes: <ul style="list-style-type: none"> • APS_Clear_1-6 • APS_RemoveDBName • ApsAplSplitter • CopyAPS • GenerateApsProjectsOpt • MoveBack • SetApsProjects 	16	\$8,000
BatchTagBundle	Bundle of Batch Tag processing components that extend EA repository support - includes: <ul style="list-style-type: none"> • BatchTagLoader • BatchTagLoadPrjBased • BatchTagManager Versions for the following EA releases are supported: <ul style="list-style-type: none"> • 3.2 • 3.5 	8	\$5,000

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FDS Code	FDS Description	Hours Included	Price
BRMBundle	Bundle of Business Rules Manager (“BRM”) process automation components – includes: (EA release dependencies listed in parentheses) <ul style="list-style-type: none"> • GlossaryForKeaneLandauer (3.1) • Narrative Report (available separately) (3.1, 3.2) • GenerateGlossary • GenerateGlossaryGeneric (3.1) • GlossaryBRM (3.1) • VariableToBusinessNameTranslation (3.1) • BusinessRuleImport (3.1) • ConverExlToGlsXml (3.2) • CreateBFERD (3.1) • Extend BF Conditions (3.1) 	24	\$15,000

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FDS Code	FDS Description	Hours Included	Price
BRPBundle	<p>Bundle of Batch Refresh Process (“BRP”) components that are used to extend EA functionality in batch - includes:</p> <p>General:</p> <ul style="list-style-type: none"> • CheckTrigger • SplitSystemFiles <p>CSD:</p> <ul style="list-style-type: none"> • CreateCSDFromLst <p>DDL:</p> <ul style="list-style-type: none"> • SQL_removeDbName <p>COBOL:</p> <ul style="list-style-type: none"> • TruncateProgramID <p>COPYBOOK:</p> <ul style="list-style-type: none"> • SplitInclude (copybook from Panvalet) <p>JCL:</p> <ul style="list-style-type: none"> • JCLCommentOutCA7Lines • JCL_TWS_Bind <p>Project Organization:</p> <ul style="list-style-type: none"> • CollectObsolete • BuildPCFFFromList • BuildWildPCFinputFromXls • BuildPCFFFromUnresolved • PcfWildcards • ProjectCreation <p>Tagging:</p> <ul style="list-style-type: none"> • BatchTagLoadPrjBased <p>Versions for the following EA releases are supported:</p> <ul style="list-style-type: none"> • 3.2 • 3.3 • 3.5 <p>Batch Reports:</p> <ul style="list-style-type: none"> • CreateBatchPA <p>Micro Focus Mainframe Access (“MFA”) connection:</p> <ul style="list-style-type: none"> • CopyMFAToPrepared <p>Java:</p> <ul style="list-style-type: none"> • AddJarPathToProjectOptions • JarLister (this utility was provided by developers but it “must” for consultants to build repository in timely manner). • VerifyByProjectList 	Covered by Project Statement of Work as required	No Charge
CheckTrigger	Check for the existence of a trigger file for Batch Refresh Process (“BRP”)	4	\$2,500

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FDS Code	FDS Description	Hours Included	Price
COBOLBundle	Bundle of COBOL pre-processing components – includes: <ul style="list-style-type: none"> • TruncateProgramID • CobolFormat • InstallNestedProgramsSupport • Nested_program_extraction_new 	16	\$8,000
COBOL-MCP	<ul style="list-style-type: none"> • MCPAdjustmentMCP COBOL pre-processing component • MCP_\$IF_replacement • COMSAdjustSupport • InstallCOMSAdjustSupport 	8	\$6,000
CreateBatchQA	Generates a list of batch files to run PA clipper queries in batch mode	8	\$6,000
CreateCSDFromLst	Process CICS System Definition (“CSD”) file to create a CSD content list	4	\$4,000
DataStoreReport	Provides Data Store View reports for each variable of 01 LEVEL that is used in Programs Data Ports – Excel format output Output provides support for data in easy to handle formats Versions for the following EA releases are supported: <ul style="list-style-type: none"> • 3.1 • 3.2 • 3.5 	8	\$8,000
Dms2dru	Process copybooks to provide support for Unisys DMS database	4	\$7,500
FileTypeCandCHdr	Generates FileType definitions	8	\$6,000
FindPackageInJAR	Provides reports about JAVA packages that are missing, that the Java parser needs to resolve all methods	8	\$6,000
IDMSBundle	Bundle of IDMS utilities to provide repository support for IDMS database – includes: <ul style="list-style-type: none"> • AddOmittedIDMSRecs • CollectIDMSInfo • ExtrSchemaFromListing • Idms_cpy • IdmsCpy • IdmsSchema • IDMSSubSchema • IDMSSynonyms • ONClauseEndIf_fix • PunchSplit 	32	\$20,000

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FDS Code	FDS Description	Hours Included	Price
InterfaceReport	Provides interface and interface data store view reports. Interface files are the files that are either only read or only written in an application. For each variable of 01 LEVEL that is used in this kind of Data Ports the utility generates a report – Excel format output Output provides support for data in easy to handle formats Versions for the following EA releases are supported: <ul style="list-style-type: none"> • 3.1 • 3.2 • 3.5 	8	\$8,000
IOReport	Provides information from a Modernization Workspace repository about which variables are used in program data ports – Access Database format output Versions for the following EA releases are supported: <ul style="list-style-type: none"> • 3.1 • 3.2 • 3.5 	8	\$8,000
LINKDECK Unit of Execution	Provides multi-dimensional program to program and program to file connection building	8	\$8,000
NarrativeReport	Provides a BRM report in Narrative format – includes: <ul style="list-style-type: none"> • BRM Report Background • BRM Report Panel E Versions for the following EA releases are supported: <ul style="list-style-type: none"> • 3.1 • 3.2 	8	\$8,000
PLIAssessment	Provides assessment for mainframe PL/I code that is to be migrated to Micro Focus PL/I.	8	\$8,000
PortabilityAssessment Plugins	Eliminate duplicates in Portability Assessment reports	4	\$4,000
QAControl	Organizes Quality Control process using Clipper Queries, RXP, and utilities mechanisms to provide the outputs Versions for the following EA releases are supported: <ul style="list-style-type: none"> • 3.1 • 3.2 	8	\$6,000
QARules	Implements rules that are part of a QA process Versions for the following EA releases are supported: <ul style="list-style-type: none"> • 3.1 • 3.2 	8	\$6,000
UpdateCRUDForImpacted	Provides connections between DSN COBOL data ports and logical file names used COBOL programs, as well Data Records assigned to these data ports	8	\$6,000

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EA FDS - Model Extensions

All models depend on the EA version. Only listed versions are supported.

FDS Code	Description	Hours Included	Price
ADSO	Supported EA versions: <ul style="list-style-type: none"> • 3.1 • 3.2 • 3.3 • 3.5 Scanner: <ul style="list-style-type: none"> • DialogParser • ProcessParser 	24	\$8,000
ALGOL	Supported EA versions: <ul style="list-style-type: none"> • 3.2 • 3.5 Scanner: <ul style="list-style-type: none"> • AlgolParser 	16	\$6,000
BLISS	Supported EA versions: <ul style="list-style-type: none"> • 3.1 Scanner: <ul style="list-style-type: none"> • BlissParser 	16	\$6,000
CLISTandREXX	Provides CLIST, REXX, and isp PANELs parsing, including Hypercode in lines support	8	\$6,000
ControlM	Supported EA versions: <ul style="list-style-type: none"> • 3.2 • 3.5 Scanner: <ul style="list-style-type: none"> • ControlMParser 	16	\$6,000
ESP	Supported EA versions: <ul style="list-style-type: none"> • 3.1 • 3.2 • 3.5 Scanner: <ul style="list-style-type: none"> • ApplParser • EVENTParser 	16	\$6,000
IBATIS	Supported EA versions: <ul style="list-style-type: none"> • 3.2 • 3.3 • 3.5 Scanner: <ul style="list-style-type: none"> • iBATISfileParser 	32	\$10,000

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FDS Code	Description	Hours Included	Price
Kornshell	Includes additional functionality replicating JCL work with files Supported EA versions: <ul style="list-style-type: none"> • 3.3 • 3.5 Scanner: <ul style="list-style-type: none"> • KornshellParser 	16	\$6,000
SAS	Supported EA versions: <ul style="list-style-type: none"> • 3.1 • 3.2 • 3.3 • 3.5 Scanner: <ul style="list-style-type: none"> • SASParser 	16	\$6,000

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