



Manitou 2.0.0 Configuration Parameters

Summary

This document contains information about the required parameters and settings for each service within Manitou.



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Manitou System Configuration Parameters

MSM (Manitou System Manager)

Description: Manitou System Manager

App Type: MSM

Start Status: Manual Start

EXE path: (must be specified)

Logger: (must be blank)

Parameters:

-Config	Optional parameter which runs the MSM in configuration mode to allow addition/removal of system configurations. This parameter must be added to change the configuration then removed to run the MSM (or use separate shortcuts).
-LoadBroker	Optional parameter to enable the Load Broker button/menu item. This is for internal, debugging purposes only and should not be used at customer sites.
-Operator	Optional parameter which runs the MSM in operator mode. In this mode, the Stop service or process button/menu item is disabled so that the operator cannot stop any system components.
-Small	Optional parameter which runs the MSM using smaller process status icons for systems that have a large quantity of Manitou processes in a single given configuration.

Command Line

The MSM can be run in command line mode to automate the starting and stopping of services.

Note: Only Windows services are supported in command line mode. User processes can only be controlled in Windows mode.

-MsmConfig <Name>	Optional parameter to specify the MSM configuration to load. If the parameter is omitted the MSM attempts to load the active configuration if one exists.
-SysConf <Name>	Required parameter to specify the Manitou System configuration to use. The name must match a system description found in the Supervisor Workstation Configuration screen.

-Server <Name>	Required parameter that specifies the Manitou server to use. The name must match a machine name found in the Supervisor Workstation Configuration screen.
-AppType <Name>	Required parameter that specifies the Manitou application type to start or stop. The name must match a description found in the Supervisor Workstation Application Types screen.
-Timeout <seconds>	Optional parameter that specifies the number of seconds to wait for the start or stop action to be completed. The default value is 30 seconds.
-Start	Starts a service. This option is mutually exclusive with the -Stop option.
-Stop	Stops a service. This option is mutually exclusive with the -Start option.

Return Codes

When run in command line mode the MSM provides the following return codes that can be used to support scripting:

0	Success
1	Invalid command line parameters
2	Unable to load an MSM configuration
3	Unable to locate system configuration
4	Unable to locate server
5	Unable to locate application type
6	Unable to locate the service configuration details
7	Timeout expired
8	Error communicating with the Monitor service
9	Unable to start the database service
16	Unknown error. Additional details are available in the command line output.

Monitor

This should not be in the configuration – remove if it is.

Main Database Server

Description: Main Database Server
App Type: Main Database Server
Start Status: Auto Start
EXE path: (must be blank)
Logger: (must be blank)
Parameters: None

Standby Database Server

Description: Standby Database Server
App Type: Standby Database Server
Start Status: Auto Start
EXE path: (must be blank)
Logger: (must be blank)
Parameters: None

Replication Database Server

Description: Replication Database Server
App Type: Replication Database Server
Start Status: Auto Start
EXE path: (must be blank)
Logger: (must be blank)
Parameters: None

Logger

Description: Logger
App Type: Logger
Start Status: Auto Start
EXE path: (not required)
Logger: (must be blank)
Parameters:

-l<n>

Optional parameter specifying the initial log level (defaults to 3).

-i<d>

Optional parameter specifying the directory to hold log files. If omitted, the current directory is used.

-k<n>

Number of days to keep Logger messages in the database.

Note: In the **Application Types** section of the Supervisor Workstation, the logger **MUST NOT** be set to connect to the logger, since it IS the logger. This causes a startup failure. Also, be sure that the **Depends On** field is not set, since it doesn't require the Broker to run. The logger also should be started before any other Manitou processes to be available for logging all generated log output.

Broker

Description: Broker

App Type: Broker

Start Status: Auto Start

EXE path: (not required)

Logger: (override logger machine name can be specified)

Parameters:

-ticket

This specifies whether the Broker is started in Ticket Printer mode. To be used with Ticket Printer configurations only.

-ka<n>

Optional process keep-alive time-out parameter in seconds.

Sentry

Description: Sentry

App Type: Sentry

Start Status: Auto Start

EXE path: (not required)

Logger: (override logger machine name can be specified)

Parameters:

-bt<n>

Optional Broker keep-alive time-out parameter in seconds. This is an internal debugging option.

Note: The Sentry must be up and running **before** the Marshaller because it provides access tokens.

Application Server

Description: Application Server

App Type: Application

Start Status: Auto Start

EXE path: (not required)

Logger: (override logger machine name can be specified)

Parameters:

<n>

This is the number of database resources that are allocated and shared among all users. The minimum value is 6.

-pi<n>

Optional process power index. The default value is 3.

-mu<n>

Optional limit of user connections. The default is 9999.

-lp<n>

Optional allowed upper client priority. The default is 9.

-hp<n>

Optional allowed lower client priority. The default is 1.

Note: The lower the number the Higher the priority.

-bt<n>	Optional Broker call response time-out parameter in seconds. Default is 60. This is an internal/advanced debugging option.
-bc<n>	Optional Broker connect try time-out parameter in seconds. Default is 5. This is an internal/advanced debugging option.
-br<n>	Optional Broker read/write time-out parameter in seconds. Default is 30. This is an internal/advanced debugging option.

Marshaller

Description: Marshaller
 App Type: Marshaller
 Start Status: Auto Start
 EXE path: (not required)
 Logger: (override logger machine name can be specified)
 No Parameters indicated

Signal Handler

Description: Signal Handler
 App Type: Signal Handler
 Start Status: Auto Start
 EXE path: (not required)
 Logger: (override logger machine name can be specified)
 Parameters:

<n>	Optional parameter specifying the number of simultaneous signals that can be processed. The minimum value is 1 and the default value is 1. This parameter must be supplied and be given before the optional All Events machine name parameter, if it is specified.
<s>	Optional machine name/IP address of All Events Printer/Stealth Logger. If given, this parameter must follow the parameter described above.
-a	Optional parameter for machine name/IP address of a second All Events Printer/Stealth Logger.
-n<n>	Optional parameter to be used in conjunction with All Events machine name parameter which specifies the UDP port number to use for All Events activity. If omitted, the default is 6981.

Overdue Checker

Description: Overdue Checker

App Type: Overdue Checker

Start Status: Auto Start

EXE path: (not required)

Logger: (override logger machine name can be specified)

Parameters:

<n>	Optional number of Signal Handler threads to use. This defaults to 1 when nothing is present.
-now	Optional parameter used to tell the Overdue Checker to not check previous Late-to-Opens/Closes prior to system startup time. This parameter is recommended for emergency fail-over systems in which the database data can be many hours to several days old.
-sc	Optional parameter used to suppress Late-to-Check-in Alarm creation at startup.
-sr	Optional parameter used to suppress Reminder Alarm creation at startup.

FEP

Description: FEP

App Type: FEP

Start Status: Auto Start

EXE path: (not required)

Logger: (override logger machine name can be specified)

Parameters: Be aware that all machine names are limited to 15 characters

-n<n>	This parameter specifies its FEP number.
-i<d>	Optional parameter that specifies the directory in which to hold signal files. Spaces not allowed. Defaults to current directory.
-p<n>	Optional client priority number to be used to locate an appropriate Application Server. If omitted, the default priority is 1.
-b<s>	Optional backup Sentry name.
-a<n>	Optional area code for caller ID messages without an area code specified (9 characters max)
-f<s>	Optional primary FEP machine name. If supplied, this FEP operates in stand-by mode.
-t<s>	Optional Sentry location for the Ticket Printer system.

Report Server

Description: Report Server

App Type: Report Server

Start Status: Auto Start

EXE path: (not required)

Logger: (override logger machine name can be specified)

Parameters:

-i<d>	Optional parameter that specifies the working report directory. The default directory is "C:\temp."
-h<n>	Optional parameter that specifies the number of simultaneous high priority reports that can be running at any one time. The default value is 2.
-l<n>	Optional parameter that specifies the number of simultaneous low priority reports that can be running at any one time. The default value is 2.
-p<n>	Optional parameter that specifies the boundary between high and low priority reports. The boundary point specifies the lowest priority that is considered to be a high priority report. The default value is 7.
-d<s>	Optional parameter that specifies an alternate, reporting database server to be used to pull reporting information. This is used to off-load the reporting activity from the main database. The database name, user name, and password must match the main database.
-t<n>	Optional testing (debugging) parameter. When n=1 all UI parameters are required . When n=2 all reports take 2 minutes minimum. When n=3 the temporary files are not cleaned up. It is possible to use multiple test flags such as -t2 and -t3.
-u<u>	Optional parameter to specify the URL of the SQL Server Reporting Services server location. This must be specified if SSRS custom reports are to be processed.
-v<username>	Username for the SSRS web service. This can be a domain login.
-w<password>	Password for the SSRS web service.

Publisher

Description: Publisher

App Type: Publisher

Start Status: Manual Start

EXE path: (not required)

Logger: (override logger machine name can be specified)

Parameter(s):

<n>

The number of database resources to use is an **optional** parameter. The default is 4, but should be at least 3.

-diag

Optional parameter used for debugging that turns on diagnostic logger output.

-disableqencoding

Optional parameter used to disable ISO-8859-1 “Q” encoding of email subject lines. This option was added to make mail subjects compatible with the broken Verizon email-to-sms gateway that cannot handle properly encoded email subjects. Note that this option causes email messages that use accented characters in the subject line to not appear properly.

Report Scheduler

Description: Report Scheduler

App Type: Report Scheduler

Start Status: Auto Start

EXE path: (not required)

Logger: (override logger machine name can be specified)

Parameter(s):

-r<n>

Optional parameter to specify the amount of time in minutes that the report scheduler goes back in time in order to run missed scheduled report. If not present, missed scheduled reports are rolled forward without being run.

Watchdog

Description: Watchdog

App Type: Watchdog

Start Status: Auto Start

EXE path: (not required)

Logger: (override logger machine name can be specified)

Parameter(s):

<p>

COM Port of the hardware watchdog. For example: "COM1"

Router

Description: Router

App Type: Router

Start Status: Auto Start

EXE path: (not required)

Logger: (must be blank)

Parameters:

-b<s>

Optional machine name of Broker. This parameter should be specified for Manitou systems.

-l<logger>

Optional parameter for the machine name of the logger. If omitted, "localhost" is used.

Note: In the **Application Types** section of the Supervisor Workstation, the router **Connects to Application Type** drop-down list should be empty, and the **Outputs to Logger** check box should be cleared. This is due to the fact that the broker and logger are passed in as parameters as they are optional for non-Manitou systems.

Integration Gateway

Description: Integration Gateway (Driver-based Integrations)

App Type: Integration Gateway

Start Status: Auto Start

EXE path: (not required)

Logger: (override logger machine name can be specified)

Parameters:

-f<s>

Optional* parameter specifies the machine name of the desired FEP. (for example: -Flocalhost)

(* Optional unless you are using a driver that requires FEP interaction, default is localhost)

-p<n>	Optional parameter specifies the port to use for communicating with a BoldXML FEP driver. (for example: -p7643) (Optional, default is 7643)
-c<n>	Optional* parameter specifies the Integration Configuration number (configured in Supervisor Workstation > Integration Configurations) to be used when looking up Integration Gateway configurations for Drivers. (for example: -C1) (* Optional except for the BoldNotifier driver for Bold NotifyMe)
-r<n>	Optional parameter specifies the port to listen on for inbound Application Server requests (for example, -R7016). (Optional, default is 7016)
-y<n>	Optional parameter specifies the priority for Application Server requests (for example, -Y1). (Optional, default is 1)
-debug	Optional parameter that specifies whether debug mode is enabled. (For Bold Support/Advanced Users)

WebGateway

Description: Web Gateway

App Type: Web Gateway

Start Status: Auto Start

EXE path: (not required)

Logger: (override logger machine name can be specified)

Parameters:

-n<p>	Optional TCP port number to open for incoming connections. The default is 7008.
-p<n>	Optional client priority number to be used to locate an appropriate Application Server. If omitted, the default priority is 5.
-c<n>	Optional parameter to specify the maximum number of Application Server connections to open. If omitted, the default is 20.

WinPakGateway

Description: Win-Pak Gateway

App Type: Win-Pak Gateway

Start Status: Auto Start

EXE path: (not required)

Logger: (override logger machine name can be specified)

Parameters:

-u<s>	This parameter specifies the user name necessary to log in to the Win-Pak application.
-p<s>	This parameter specifies the password necessary to log in to the Win-Pak application. This can be omitted if there is no password.
-m<s>	Optional parameter to specify the domain name of the Win-Pak application. If omitted, the current domain is assumed.
-i<d>	Optional parameter specifying the directory to hold signal files. If omitted, the current directory is used.
-n<n>	Optional parameter specifying the number of days of signal log file to keep. The default is 7.
-r<p>	Optional TCP port number to open for incoming connection from a FEP driver. The default is 7415.
-v<n>	Optional parameter that specifies the type of activity to be received from the Win-Pak system. If specified, this value must be 3.
-y<n>	Optional parameter that specifies the gateway ID or priority. If omitted, 1 is assumed. Each Win-Pak Gateway that is running must have a unique priority.
-a<n>	Optional parameter that specifies performance tuning. The allowed values are 0 (fetch all cards for validation) and 1 (fetch individual cards for validation). If omitted, 0 is assumed. If there are customers with large card databases, adding option -a1 can result in faster validation.
-d<n>	Optional parameter that specifies whether debug mode is enabled. A value of 0 is "off" and a value of 1 is "on." The default is "off."

All Events Printer

Description: All Events Printer
App Type: All Events Printer
Start Status: (as desired)
EXE path: (must be specified)
Logger: (must be blank)
Parameters: None

This can also be launched with a shortcut.

Command Line:

AEPrinter.exe

Auto-Client

Description: Auto-Client
App Type: Auto-Client
Start Status: Manual Start
EXE path: (not required)
Logger: (override logger machine name can be specified)
Parameters:

<n>	The number of Auto-client threads to start.
-bt<n>	Optional Broker keep-alive time-out parameter in seconds. This is an internal debugging option.
-rt<n>	Optional Reverse Command and Retransmission time-out parameter in seconds. This amount is added to the command's Response Delay to get a total suspend time. The minimum value is 1. The default value is 5.
-demo	Optional parameter to be used <u>ONLY</u> when testing and demonstrating how the Auto-client works to new/potential customers and should <u>NEVER</u> be used in a working central station.

AutoDispatchGateway

Description: Auto-Dispatch Gateway

App Type: Auto-Dispatch Gateway

Start Status: Auto Start

EXE path: (not required)

Logger: (override logger machine name can be specified)

Parameters:

-ap<p>	Optional TCP port number for incoming AppServer connections. The default is 7013.
-fp<n>	Optional TCP port number for incoming FEP connections. The default is 7014.
-na<n>	Optional Message Broker (outgoing) end point address. The default is 'http://localhost:38080/ASAPService/SendASAPMsg.aspx'.
-ca<n>	Optional Client (incoming) end point address. The default is 'http://localhost:38081'.
-id<n>	Required CSAA assigned Service Provider ID. For example, -id1VS.

MediaGateway

Description: Media Gateway

App Type: Media Gateway

Start Status: Auto Start

EXE path: (not required)

Logger: (override logger machine name can be specified)

Parameters:

-standalone	Optional parameter that specifies that "stand-alone" operation is enabled. This runs the entire application (server component and visual component) as a single executable and is used primarily for debugging purposes.
-support	Optional parameter that indicates that the client is being used from a remote location including terminal services connected clients. This reduces graphic resolutions and has the log view initially set to "Pause" mode.

TelServer

Description: Telephony Server

App Type: Telephony Server

Start Status: Auto Start

EXE path: (not required)

Logger: (override logger machine name can be specified)

Parameters:

<n>

Optional parameter that specifies the number of Text-to-Speech threads to start. The range is 1 - 5. If omitted, the default is 1.

-t

TTS Threads

-n

No DNIS digits

-p

Listen port

-l

Log level boost

<-debug>

VRT

Description: VRT

App Type: VRT

Start Status: Auto Start

EXE path: (not required)

Logger: (override logger machine name can be specified)

Parameters:

<n>

Optional client priority number to be used to locate an appropriate Application Server. If omitted, the default priority is 6.

-t

Optional parameter that specifies that the technician can change the currently selected transmitter's ID. Not allowed on RedCare systems. The technician must also have "Edit" access permission enabled. The default is to not allow transmitter IDs to be changed.

Note: The Broker and Sentry are assumed (and required) to be on the same machine by the VRT server.

XMLGateway

Description: XML Gateway

App Type: XML Gateway

Start Status: Auto Start

EXE path: (not required)

Logger: (must be blank)

Parameters: None

Broker Analyzer

Description: Broker Analyzer
App Type: Broker Analyzer
Start Status: Manual Start
EXE path: (typically specified)
Logger: (must be blank)
Parameters: None

This can also be launched with a shortcut.

Command Line:

BrokerAnalyzer.exe <Broker machine name>

Note: If the Broker server name is omitted, “localhost” is used.

DB Log Monitor (obsolete)

Description: Log Monitor
App Type: DB Log Monitor
Start Status: Manual Start
EXE path: (must be specified)
Logger: (override logger machine name can be specified)
Parameters:

-s<s>	This parameter specifies the machine name of the primary database server.
-d<s>	This parameter specifies the name of the database.
-b<s>	This parameter specifies the machine name of the backup database server.
-w<n>	This parameter specifies the warning levels (for example, -W75,95).

DB Manager

Description: DB Manager
App Type: Replication Manager
Start Status: Manual Start
EXE path: (must be specified)
Logger: (must be blank)
Parameters:

-f	This parameter resets the passwords to the factory defaults.
-----------	--

This can also be launched with a shortcut.

Command Line:

DBManager.exe <Broker machine name>

Event Center

Description: Event Center
App Type: DB Log Monitor
Start Status: Manual Start
EXE path: (must be specified)
Logger: (must be blank)
Parameters:

-s<s>	This parameter specifies the primary server name.
-d<s>	This parameter specifies the database name (for example, MANITOU).
-b<s>	This parameter specifies the backup server name.
-w<n>	This parameter specifies the warning levels (for example, -W75,95).
-p	This parameter specifies that this event center is the primary. There should be only one primary running at any one time.
-t	This parameter specifies that the demonstration mode is enabled.
-g	Debug Mode

This can also be launched with a shortcut.

Command Line:

EventCentre.exe <Broker machine name> <Logger machine name> [any of the above parameters]

LogViewer

Description: Log Viewer
App Type: (can be added as user-defined App Type)
Start Status: (as desired)
EXE path: (must be specified)
Logger: (must be blank)
Parameters:

<s>	Optional parameter that specifies the name of logger server to connect to. If omitted, "localhost" is used.
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This can also be launched with a shortcut.

Command Line:

LogViewer.exe [any of the above parameters]

Manitou Client

Note: This application is launched with a shortcut only. The Startup.txt file is required for alternate languages.

Command Line parameters:

-s<s>	This parameter specifies the server name of the primary Sentry.
-b<s>	Optional parameter that specifies the server name of the backup Sentry.
-d	Optional parameter that specifies that debug mode is enabled.
-c<n>	This parameter specifies the upper limit of customer records that an operator can have open at any one time. The maximum value is 20.
-ZC<n>	Optional parameter that specifies the customer Contract number to auto-load.
-ZS<n>	Optional parameter that specifies the customer serial number to auto-load.
-u<i>	Optional parameter that specifies the default User ID.
-p<p>	Optional parameter that specifies the default password.
-m	Optional parameter that specifies if Terminal Services mode is enabled. This mode only allows one open form at any one time.
-r<n>	Optional client priority number to be used to locate an appropriate Application Server. If omitted, the default priority is 1.

Supervisor Workstation Client

Note: This application is launched with a shortcut only. The Startup.txt file is required for alternate languages.

Command Line parameters:

-s<s>	This parameter specifies the server name of the primary Sentry.
-b<s>	Optional parameter that specifies the server name of the backup Sentry.
-d	Optional parameter that specifies that debug mode is enabled.
-u<i>	Optional parameter that specifies the default User ID.
-p<p>	Optional parameter that specifies the default password.
-r<n>	Optional client priority number to be used to locate an appropriate Application Server. If omitted, the default priority is 1.

Stealth Logger

Description: Stealth Logger
App Type: Stealth Logger
Start Status: Manual Start
EXE path: (must be specified)
Logger: (must be blank)
Parameters:

-V<s>	This parameter specifies the SQL Server name. If started as a background process or service, this parameter is required .
-D<d>	This parameter specifies the database name. If started as a background process or service, this parameter is required .
-U<s>	This parameter specifies the database user login ID. If started as a background process or service, this parameter is required .
-P<s>	This parameter specifies the database user login password. If started as a background process or service, this parameter is required .
-W	Optional parameter that specifies if watchdog mode is enabled.

This can also be launched with a shortcut.

Command Line:

Stealth.exe [any of the above parameters]

Replication Switch (obsolete)

Description: Replication Switch
App Type: Replication Switch
Start Status: Manual Start
EXE path: (must be specified)
Logger: (must be blank)
Parameters: None

Ticket Printer

Command Line Parameters:

-s<s>

This parameter specifies the Sentry machine name.

-b<s>

Optional parameter that specifies the backup Sentry machine name.

-d

Optional parameter that specifies if debug mode is enabled.

-u

Optional parameter that specifies the login User ID.

-p

Optional parameter that specifies the login Password.

BObjectTool

Note: This application is launched with a shortcut only or used in a batch file.

Command Line Parameters:

<file_1>

First file to be imported.

<file_2>

Optional second file to be imported.

<file_n>

Optional additional files to be imported (as many as needed).

Recommended usage for multiple files where the list of file names to be imported is contained in a file ("names.txt" for example):

Batch File Command:

For %%f in (names.txt) do btool.exe %%f

Command Prompt Command:

For %f in (names.txt) do btool.exe %f

FEP Commander

Note: This application is launched with a shortcut only.

Command Line Parameters:

<s>

Optional parameter that specifies the machine name where the FEP is running. If omitted, "localhost" is used.

StandardImport

Description: Standard Import

App Type: Standard Import

Start Status: Manual Start

EXE path: (must be specified)

Logger: (must be blank)

Parameters:

<n>

Optional parameter that specifies the Sentry machine name. If omitted, "localhost" is used. Note that this application has a client priority of 8.

This can also be launched with a shortcut.

Command Line:

StandardImport.exe [any of the above parameters]

IPReceiver

Description: IP Receiver

App Type: IP Receiver

Start Status: Auto Start

EXE path: (not required)

Logger: (override logger machine name can be specified)

Parameters:

-b<n>

Optional parameter that specifies the buzzer/alert mode. The allowed values are 0 (none), and 1 (enabled). If omitted, the default is 0.

Base10Receiver

Description: Base 10 Receiver

App Type: Base 10 Receiver

Start Status: Auto Start

EXE path: (not required)

Logger: (override logger machine name can be specified)

Parameters:

-pf<n>	Optional parameter that specifies the TCP port number of the FEP driver to connect to. If omitted, the default is 7701.
-wd<d>	Optional parameter that specifies the working directory. If omitted, the current directory is used.
-nd<n>	Optional parameter that specifies the number of log days to keep. If omitted, the default is 7 days.
-id<n>	Optional parameter that specifies the scanner Id number. If omitted, the default is 1.
-db<n>	Optional parameter that specifies whether debug mode is enabled. A value of 0 is "off" and a value of 1 is "on." The default is "off."
-pa<c>	Optional parameter that specifies the name of serial connection 1. If omitted, "COM1" is used.
-sa<s>	Optional parameter that specifies the serial port settings for connection 1. If omitted, the default is "BR1200,BITS8,NOPARITY,DTRHIGH."
-pb<c>	Optional parameter that specifies the name of serial connection 2. If omitted, "COM2" is used.
-sb<s>	Optional parameter that specifies the serial port settings for connection 2. If omitted, the default is "BR1200,BITS8,NOPARITY,DTRHIGH."

Distributer Client – INSTALLATION ONLY

Command Line Parameters:

-install

Required parameter that specifies that the Distributer Client service is to be installed.

<s1>

Install parameter that specifies the first machine name of a Distributer Server to try to connect to.

<s2..9>

Optional install parameter that specifies an additional machine name of a Distributer Server to try to connect to. Up to a total of 9 server names can be specified.

Distributer Server – INSTALLATION ONLY

Command Line Parameters:

-install

Required parameter that specifies that the Distributer Server service is to be installed.

<p>

Optional install parameter that specifies the path to the DistList.txt and PackageList.txt files. If omitted, the current directory is used.

Distributer Commander

Note: This application is launched with a shortcut only.

Command Line Parameters:

<s>

Optional parameter that specifies the machine name of the Distributer Server to connect to. If omitted, "localhost" is used.

Revision History

Date	Initials	Description
December 5, 2003	CM	Created initial document for 1.4.8-3. Added a –d parameter for the Report server.
December 15, 2003	CM	Added the new integration command lines for the client specified by David Moore.
January 15, 2004	CM	Added the machine name command line parameters required for the Stealth Logger.
January 28, 2004	CM	Added missing command line parameters for the Manitou Client.
February 10, 2004	CM	I added ticket printer command line parameter to the Broker and Ticket Printer configuration to this document. I also removed the –c command line parameter from the Manitou Client details.
February 26, 2004	CM	Added a –m parameter for the Manitou client to work differently when connected via Terminal Services.
March 9, 2004	CM	I added the User ID and Password information for the MSDE databases.
May 6, 2004	CM	I made changes to the –m parameter for the Stealth Logger.
August 16, 2004	CM	I made formatting changes to this document. I made changes written in the document printed on January 28, 2004 after printing this document today.
September 23, 2004	CM	I made formatting and data updates to this.
November 16, 2004	CM	Updates to the Stealth Logger and data clean-up.
November 30, 2004	CM	Data clean-up based on developer feedback.
March 10, 2006	CM	Updated the coversheet and Title to reflect the latest release. I also improved the consistency of the document's look.
March 10, 2006	MT	Added BTool (BOBject Tool) Parameter information.
April 06, 2006	MT	Added new –Small parameter for the MSM which forces the MSM to use smaller icons for process status visibility.
September 13, 2007	MT	Added WebGateway Parameter information.
February 23, 2009	KE	Updated and checked all parameters. Added IPReceiver, StandardImport, XMLGateway, TelServer, MediaGateway, and Base10Receiver information.
June 07, 2013	KE/MT	Updated -Config parameter in MSM (Manitou Service Manager) service section. Updated Monitor service section. Added -a parameter to Service Handler service section. Added –sc and –sr parameters to Overdue Checker service section.
September 14, 2016	TD	Updated title page to reflect Manitou 99.0.0. Performed a non-technical review of this guide to improve grammar, usage, spelling, consistency, and so on.
January 16, 2017	TD	Added Integration Gateway Parameter information.
March 29, 2017	TD	Added AutoDispatchGateway information.

