GSM (Windows) Registry Settings

1. Introduction

This document is the first in a series that describe the various Global registry settings under the following registry key:

HKEY_LOCAL_MACHINE\Software\Global

This "Global" key contains a large number of sub-keys. The registry settings under the various sub-keys are documented in a series of Technical Notes:

Registry key under HKEY_LOCAL_MACHINE\Software	Document
Global	IN400
Global\Client	IN400
Global\Client\Diagnostics	IN401
Global\Client\Install	IN402
Global\Client\Customisations	IN402
Global\Client\ServicePacks	IN402
Global\Client\CreateProcess	IN402
Global\Client\LicenceFiles	IN402
Global\Client\FileNameMapping	IN402
Global\Client\OperatorMapping	IN402
Global\Client\PerformanceMonitor	IN402
Global\Client\StartUpOptions	IN402
Global\Client\EventLogging	IN402
Global\Client\ResellerSpecificOptions	IN402
Global\Client\InternalUseOnly	IN402
Global\Client\Debug	IN403
Global\Client\Data	IN404
Global\Client\Data\Diskettes	IN404
Global\Client\Data\Diskettes\Drive[0-1]	IN404
Global\Client\Data\DiscreteDataFiles	IN404
Global\Client\Data\DiscreteDataFiles\Drive[0-9]	IN404
Global\Client\Data\IntegratedDataFiles	IN404
Global\Client\Data\IntegratedDataFiles\Drive[0-9]	IN404
Global\Client\Data\RAMDisk	IN404
Global\Client\Data\RAMDisk\Drive0	IN404
Global\Client\Data\OpenFiles	IN404
Global\Client\Data\OpenFiles\Unit[120-299]	IN404
Global\Client\Data\MultipleRAMDisk	IN404
Global\Client\Data\MultipleRAMDisk\Drive[0-9]	IN404
Global\Client\Printers	IN405
Global\Client\Printers\DOSPrint	IN406

Global\Client\Printers\DOSPrint\[500-599]	IN406
Global\Client\Printers\DOSPrint\[500-599]\IsoTranslations	IN406
Global\Client\Printers\DOSPrint\[500-599]\Diagnostics	IN406
Global\Client\Printers\WinPrint	IN407
Global\Client\Printers\WinPrint\[500-599]	IN407
Global\Client\Printers\WinPrint\[500-599]\IsoTranslations	IN407
Global\Client\Printers\WinPrint\[500-599]\Diagnostics	IN407
Global\Client\Printers\AuxPrint	IN408
Global\Client\Printers\AuxPrint\[500-599]	IN408
Global\Client\Printers\AuxPrint\[500-599]\IsoTranslations	IN408
Global\Client\Printers\DOS.PRI	IN409
Global\Client\Printers\DOS.PRI\[500-599]	IN409
Global\Client\Printers\DOS.PRI\[500-599]\IsoTranslations	IN409
Global\Client\Printers\GXPrint	IN410
Global\Client\Printers\GXPrint\[500-599]	IN410
Global\Client\Screens	IN411
Global\Client\Screens\GUI	IN412
Global\Client\Screens\GUI\Colour	IN412
Global\Client\Screens\GUI\Miscellaneous	IN412
Global\Client\Screens\GUI\DDE	IN412
Global\Client\Screens\GUI\KeyMappings	IN412
Global\Client\Screens\GUI\IsoTranslations	IN412
Global\Client\Screens\GUI\Documentation	IN412
Global\Client\Screens\GUI\GLCONS	IN412
Global\Client\Screens\GUI\GLCONS\Colour	IN412
Global\Client\Screens\GUI\GLCONS\Miscellaneous	IN412
Global\Client\Screens\GUI\GLCONS\Diagnostics	IN412
Global\Client\Screens\GUI\GLCONS\IsoTranslations	IN412
Global\Client\Screens\Serial	IN413
Global\Client\Screens\Serial\[01-99]	IN413
Global\Client\Screens\Network	IN414
Global\Client\Screens\Network\[01-99]	IN414
Global\Client\Screens\Network\[01-99]\Diagnostics	IN414
Global\Client\Screens\Network\PortNumberSpecificOptions	IN414
Global\Client\Screens\Network\PortNumberSpecificOptions\[01-99]	IN414
Global\Client\Servers	IN415
Global\Client\Servers\[A-Z]	IN415
Global\Client\AltServers	IN415
Global\Client\AltServers\[A-Z]	IN415
Global\Client\Speedbase	IN416
Global\Client\Speedbase\Speedbase_server_name	IN416
Global\Client\Gateways	IN416
Global\Client\Gateways\[01-99]	IN416
Global\Client\General	IN416
Global\Client\General\General_purpose_server_name	IN416

Global\Client\Tape	IN417
Global\Client\SerialPortDriver	IN418
Global\Client\SerialPortDriver\[01-99]	IN418
Global\Client\Nucleus	IN419
Global\Client\Monitor	IN420
Global\Servers	IN421
Global\Servers\Diagnostics	IN421
Global\Servers\[A-Z]	IN422
Global\Servers\[A-Z]\Diagnostics	IN422
Global\Servers\[A-Z]\Data	IN422
Global\Servers\[A-Z]\Data\Diskettes	IN422
Global\Servers\[A-Z]\Data\Diskettes\Drive[0-1]	IN422
Global\Servers\[A-Z]\Data\DiscreteDataFiles	IN422
Global\Servers\[A-Z]\Data\DiscreteDataFiles\Drive[0-9]	IN422
Global\Servers\[A-Z]\Data\IntegratedDataFiles	IN422
Global\Servers\[A-Z]\Data\IntegratedDataFiles\Drive[0-9]	IN422
Global\Servers\[A-Z]\Data\RAMDisk	IN422
Global\Servers\[A-Z]\Data\RAMDisk\Drive0	IN422
Global\Servers\[A-Z]\Data\MultipleRAMDisk	IN422
Global\Servers\[A-Z]\Data\MultipleRAMDisk\Drive[0-9]	IN422
Global\Speedbase	IN423
Global\Speedbase[10-99]	IN423

A further document describes the various Global registry settings under the following registry key:

HKEY_CURRENT_USER\Software\Global

The registry settings under this key are documented in the following Technical Notes:

Registry key under HKEY_CURRENT_USER\Software	**Document**
Global	IN424

Although some of these settings are documented elsewhere in the Global Operating Manual (Windows) V8.1 Manual, various global*nn*.doc Release Notes and various IN*nnn*.doc Technical Notes, the notes in this series only refers to 3 other documents:

GOMW	Global Operating Manual (Windows) V8.1 (man81gsmwindows.doc)
IN181	Removing Config. File Technical Note (in181-removingconfigfile.doc)
CFM81	Global Configurator Manual V8.1 (man81configurator.doc)

Unless otherwise stated, a change to a registry setting only becomes effective when the Global Client (GLOBAL.EXE) is reloaded.

1.1 Table of Contents

The following registry settings are described in this document:

2. Registry Settings under Global

The small number of registry settings **directly** under the Global key are reserved for special use. Unlike all other settings under sub-keys below the Global key (see section3), the settings directly under the Global key are treated as write-only by GLOBAL.EXE. During normal operation, all other Global registry settings, under the various sub-keys of the Global registry hierarchy, are treated as read-only by GLOBAL.EXE.

2.1 Version

This string setting is now obsolete. It was set to the version number of the GLOBAL.EXE just loaded.

There is no point amending this setting.

2.2 LastUpdateFileTime

As explained in Technical Note IN313 this setting is automatically updated whenever the Global section of the registry is updated by the Automatic Registry Update option (i.e. when the registry updates defined in the Glmachupdate.new file are applied to the registry). The LastUpdateFileTime value is set to the Last Modification Date/Time (represented as a hex' string) of the glmachupdate.new file.

This setting should not normally be amended.

3. Registry Settings under Global\Client

Settings under the Client key control a variety of miscellaneous aspects of the Global Client.

3.1 AcceptThreadAvoidStaleSocketClose

By default, any open TCP/IP socket associated with a NETWORK channel that is being reconnected to a GX client, is automatically closed. This string setting can be used to prevent the closure of any "stale sockets". This setting should be considered "experimental" and should not normally be enabled.

The default setting is "Off".

3.2 AcceptThreadGetSocketOption

This string setting can be used to enable the "Get Socket Option" in the NETWORK controller. This option provides further diagnostics during the thin-client connection processing. This setting should be considered "experimental" and should not normally be enabled.

The default setting is "Off".

3.3 AllowClientReconnection

Every Global Server (GLSERVER.EXE) maintains a list of the node-id's of the Global Clients that are connected to that server. A connection is made the first time any user of

the Global Client opens a file on the Global Server. The connection is broken when the Global Client terminates cleanly (i.e. normally as a result of the $BYE command).

By default, when a Global Client is already connected to a Global Server a fatal Connection Error dialogue box is displayed if a client with the same node-id attempts to reconnect to the same server. The severity of the message is necessary because the successful connection of two, or more, Global Clients with the same node-id to the same Global Server will result in the corruption and possible loss of files on that server. Under these conditions it is not possible for the Global Client to connect the Global Server unless the server is closed and reloaded (thus clearing its client connection table).

The AllowClientReconnection string setting can be used to change the severity of the warning message that is displayed when a Global Client attempts to connect to a Global Server that it is already logically connected to. If this setting is enabled, the severe error message is replaced by two milder, warning messages.

DO NOT ENABLE THIS OPTION, OR PROCEED WITH A CLIENT RECONNECTION UNLESS YOU ARE ABSOLUTELY SURE THAT ALL GLOBAL CLIENTS HAVE UNIQUE NODE-ID'S.

The default setting is "Off".

3.4 AllowClientReconnectionAllServers

The AllowClientReconnection string setting described in section 3.3 only applies to a single client-to-server connection. For example, if a Global Client that is connected to servers "A", "B" and "C" is terminated unexpectedly (i.e. without cleanly disconnecting from the 3 servers), a reload of the Global Client will result in 3 "Reconnect to Server *x?*" messages. Each message will only appear when the client attempts to open a file on each respective server. Thus, the various "Reconnect to Server *x*?" messages may be delayed by several minutes, or hours.

The AllowClientReconnectionAllServers string setting can be used to ensure a reconnection to all servers once the first "Reconnect to server *x*?" prompt has been confirmed.

DO NOT ENABLE THIS OPTION, OR PROCEED WITH A CLIENT RECONNECTION UNLESS YOU ARE ABSOLUTELY SURE THAT ALL GLOBAL CLIENTS HAVE UNIQUE NODE-ID'S.

The default setting is "Off".

3.5 AutomaticRegistryUpdate

An option to automatically update sections of the Global registry is available. This option, which is fully described in Technical Note IN313, is enabled by the presence of the text file "glmachupdate.new" in the Global folder. The absence of this file effectively disables the

automatic registry option. However, it is possible to avoid the search for the glmachupdate.new file by setting the AutomaticRegistryUpdate registry option to "Off":

Note that the log-file "AutomaticRegistryUpdate.log" is automatically created when an attempt to update the registry is made.

The default setting is "On".

3.6 AutomaticRegistryUpdateAlways

The Automatic Registry Update option mentioned in section 3.5 only results in an update to the registry if the Last Modification Date of the glmachupdate.new file is later than the LastUpdateFileTime held in the registry (see section 2.2). If the **AutomaticRegistryUpdateAlways** string setting is set to “On” the registry update processing will always take place regardless of the date of the glmachupdate.new file.

This setting is only required for testing purposes and should not normally be enabled.

The default setting is "Off".

3.7 AutoReconnectAllServers

This string setting is an extension of the AllowClientReconnectionAllServers setting described in section 3.4. If this setting is enabled, all Client-Server reconnections proceed automatically and silently (i.e. without any warning or error message boxes appearing).

THIS OPTION IS POTENTIALLY VERY DANGEROUS. DO NOT ENABLE THIS OPTION UNLESS YOU ARE ABSOLUTELY SURE THAT ALL GLOBAL CLIENTS HAVE UNIQUE NODE-ID’S.

The default setting is "Off".

3.8 AvoidMemoryDeallocation

By default, the Global Client immediately de-allocates every unused memory page that it no longer requires. If the AvoidMemoryDeallocation string setting is enabled GLOBAL.EXE maintains a pool of re-useable memory pages instead of immediately returning freed memory pages back to Windows.

The AvoidMemoryDeallocation and AvoidMemoryTracking (see section 3.9) string settings are mutually exclusive.

The default setting is "Off".

3.9 AvoidMemoryTracking

By default, the Global Client maintains a list of all the memory pages that it allocates. If the AvoidMemoryTracking string setting is enabled GLOBAL.EXE does not attempt to track the memory pages.

The AvoidMemoryTracking and AvoidMemoryDeallocation (see section 3.8) string settings are mutually exclusive.

The default setting is "Off".

3.10 AvoidReleaseMemoryIn$BYE

By default, the Global Client attempts to return all the free memory allocated back to Windows when terminated by the $BYE command. If the AvoidReleaseMemoryIn$BYE string setting is enabled GLOBAL.EXE does not attempt to release the free memory back to Windows.

The default setting is "Off".

3.11 BootDevice

The BootDevice string setting allows the name of the GSM “Bootstrap device” to be specified without using a command-line argument. This option can be used, to allow GLOBAL.EXE to be started without specifying any command line arguments (e.g. by doubling-clicking on the GLOBAL.EXE icon in Windows Explorer). The optional Boot Device command line argument overrides this registry setting.

The default setting is "C:\GSM\GL-IPL.DLV".

3.12 CloseCreateProcessHandles

By default, the Process Handle and Thread Handle of all Windows processes created by a CreateProcess API call from within GLOBAL.EXE are closed immediately. This applies to Windows processes created from an explicit SVC-61 or SVC-88 CreateProcess call; or by the use of the registry settings under the CreateProcess key (see IN402). If it is necessary to avoid the immediate close of the 2 handles associated with the process this string setting can be enabled to prevent the automatic close.

The default setting is "On".

3.13 ConfigurationFilename

This string setting allows the name of the Global Configuration file to be specified. Note that this option (and the related /EC GLOBAL.EXE command line option) override the UseConfigurationFile registry setting (see section 3.37) and force the use of a configuration file. Note that since the UseConfigurationFile=Off setting is now the *de facto* standard the ConfigurationFilename option is of limited use.

The default setting is "" (i.e. blank to use the Configuration File that was specified during the software generation/installation process).

3.14 CreateRegistryTemplateFiles

By default, the Global Client automatically creates fresh copies of the GLMACH.TLT and GLUSER.TLT template files every time GLOBAL.EXE is loaded thus preventing "stale" copies of the *.TLT files remaining in the Global folder. This string setting can be set to

"Off" to prevent the automatic TLT file creation in the unlikely event that this is not required.

It will be necessary to set CreateRegistryTemplateFiles=Off if the GLOBAL.EXE process does not have write-access to the GSM folder otherwise the GLOBAL.EXE load process will fail.

The default setting is "On".

3.15 DefaultPortNumber

This value setting is used by the NETWORK screen controller to obtain the TCP/IP Port Number for all "Network" channels that do not have an explicit "Port" setting. This option is useful in Asymmetric Multiple Global Client configurations where each instance of GLOBAL.EXE has a separate set of port numbers because it avoids the need to configure the "Port" setting in multiple "Network" keys for each of the instances of the "global" registry key;

The default value is 23.

3.16 DelayBeforeRunning

This value setting is available to delay the Global Client start-up process to allow Global Servers etc. to fully initialize. The delay period is specified in seconds. This registry setting can be used in those cases when the existing /V=*nn* GLOBAL.EXE command line argument cannot be used (e.g. for the Global Client Service);

The default value is 0.

3.17 DisableHibernation

Enabling this string setting, which was originally documented in GOMW81, prevents the GLOBAL.EXE process from relinquishing control to Windows (and will result in GLOBAL.EXE "hogging" all the CPU resources). This option should only be required in exceptional conditions when the Global Client is the only process running on the Windows computer.

The default setting is "Off".

3.18 EnableGSMTCPIP

This string setting must be enabled in order to use the “gsmtcpip” Client-Server protocol (see Technical Note IN265 for further details). Even if the “gsmtcpip” protocol is not being used there is normally no reason to disable this option.

The default setting is "On".

3.19 EnableGSMTCPIPFastTransmit

This string setting must be enabled to improve the performance of the “gsmtcpip” Client-Server protocol (see Technical Note IN265 for further details). Even if the “gsmtcpip” protocol is not being used there is normally no reason to disable this option.

The default setting is "On".

3.20 EnableMultipleClientGSMRPC

This string setting must be enabled if the "gsmshm" (gsmrpc) Client-Server protocol is being used on a Multiple Client configuration. This setting is required to allow multiple "local" Global Clients to access a Global Server (i.e. in an SMC configuration). See Technical Note IN265 for further details. Note that the equivalent “EnableMultipleClientGSMSHM” setting (see section 3.21) should be used in preference to the (slightly misleading) “EnableMultipleClientGSMRPC” setting.

The default setting is "Off".

3.21 EnableMultipleClientGSMSHM

This string setting must be enabled if the "gsmshm" (gsmrpc) Client-Server protocol is being used on a Multiple Client configuration. This setting is required to allow multiple "local" Global Clients to access a Global Server (i.e. in an SMC configuration). See Technical Note IN265 for further details. Note that this setting should be used in preference to the (slightly misleading) equivalent “EnableMultipleClientGSMRPC” setting (see section 3.20).

The default setting is "Off".

3.22 ExtendedSYBANK

This string setting must be enabled if is intended to remove the 127 limit on the number of available 16-bit Memory Banks. If the “ExtendedSYBANK” setting is enabled the limit on the number of available 16-bit Memory Banks is increased to 255. Note that the GSMSP14 Service Pack upgrade utility, and all subsequent GSM Service Pack upgrade utilities (i.e. GSMSP15, GSMSP16, GSMSP17, etc.) explicitly set the ExtendedSYBANK registry setting to "On".

The default setting is "Off".

3.23 GSMRPCTimeout

This value setting is available to specify the timeout period (in seconds) that GLOBAL.EXE will wait for a response from a GLSERVER.EXE when using the “gsmshm” (a.k.a. "gsmrpc") Client-Server protocol. Note that the equivalent “GSMSHMTimeout” setting (see section 3.24) should be used in preference to the (slightly misleading) “GSMRPCTimeout” setting.

The default value is 5 (seconds).

3.24 GSMSHMTimeout

This value setting is available to specify the timeout period (in seconds) that GLOBAL.EXE will wait for a response from a GLSERVER.EXE when using the “gsmshm” (a.k.a. "gsmrpc") Client-Server protocol. Note that this setting should be used in preference to the (slightly misleading) equivalent “GSMRPCTimeout” setting (see section 3.23).

The default value is 5.

3.25 HibernationPeriod

This value setting is available to change the period of time that the Global Client “hibernates”. It should not normally be necessary to change (i.e. increase) this setting. **Important Note:** If this setting is modified the performance of GX clients may suffer as a result.

The default value is 1.

3.26 IgnoreSYLANF

This string setting must be enabled to prevent an apparent problem in the $STATUS RES and CLR commands that leaves open files and outstanding locks on remote file servers on GSM (Windows) configurations. It should not be necessary to change this setting.

The default setting is "On".

3.27 ImmediateExit

This string setting is available to prevent the occasional crash that occurs when GLOBAL.EXE has been terminated (e.g. after $BYE has been run).

The default setting is "Off".

3.28 InstallDirectory

This string setting, which was originally documented in GOMW81, specifies where the Global Client is installed. It is read by the Setup Program, SETUP.EXE, to determine the location of an existing Global Client installation.

The default setting is "C:\GSM".

3.29 MaximumMemory

This value setting, which was originally documented in GOMW81, places an upper-limit on the amount of memory (in Kb) allocated by Windows for 16-bit Global applications and non-32-bit internal control blocks and buffers. This value should only be modified if an ERROR “M” appears during the load of the Global Client.

The default value is 32768 (i.e. 32Mb).

3.30 NodeID

This value setting, which was originally documented in GOMW81, must be present in the registry to specify the node-id of the Global Client. If the ValidateNodeID setting (see section 3.41) is enabled, the valid decimal values are 27 to 255, excluding 192 (allowed hexadecimal values are 0x1b to 0xff, excluding 0xc0). If the ValidateNodeID setting (see section 3.41) is disabled the valid decimal values are 1 to 255, excluding 192 (allowed hexadecimal values are 0x01 to 0xff, excluding 0xc0). **THE NodeID SETTING MUST BE UNIQUE FOR EACH GLOBAL CLIENT.**

The default value is 0x1b.

3.31 PortNumberForHighNode[100-255]

This series of value settings allow the SMC Porting Mapping feature to be used by Global Clients with Node-id's in the range 100 to 255. These registry settings provide more control over the automatic “linear” NETWORK Port number adjustment for Symmetric Multiple Client (SMC) configurations. See section 3.32 for further details.

The default value is 23.

3.32 PortNumberForNode[27-99]

This series of value settings allow the SMC Porting Mapping feature to be used by Global Clients with Node-id's in the range 27 to 99. These registry settings provide more control over the automatic “linear” NETWORK Port number adjustment for Symmetric Multiple Client (SMC) configurations. The “natural” node to network port mapping, assuming a client node-id of 27 and a “base” Port Number of 23 is:

Node	Mapped Port Number
28	24
29	25
30	26

To change the telnet port used for node 30 to 1000, for example, set PortNumberForNode30=1000. Before changing port numbers their status must be ascertained. The Windows “Active Ports” utility can be used to monitor the active ports on a PC. See: http://www.snapfiles.com/get/activeports.html.

The related PortNumberForHighNode[100-255] series of value settings (see section 3.31) are available to control the Port Numbers for Global Clients with a NodeID higher than 99.

The default value is 23.

3.33 RPCSplitLongBlocks

This string setting must be enabled if an obscure problem with the RPC interface on Windows-2000, Windows-XP and Windows-2003 servers is encountered. The symptom of the problem is a NETWORK ERROR with the diagnostic message "Error 1734 from AA400 .... The array bounds are invalid". The problem only occurs if the following conditions are met:

- The platform is Win-2000, Win-XP or Win-2003;
- An RPC protocol (i.e. rather than gsmshm) is being used;
- The number of memory banks is less than the number of partitions;
- The $SW unit is allocated on a remote server (e.g. A01)

The fix involves splitting some long data transfer operations in 32Kb portions. Because the problem is unlikely to occur in practice the data splitting logic is only enabled if the RPCSplitLongBlocks string setting is set to "On".

The default setting is "Off".

3.34 RPCWriteReadOp

This string setting is available to change the precise manner of the RPC operations used for some Client-Server protocols. When this option is enabled the Global Client uses a Write/Read RPC op-code instead of a Read RPC op-code, where appropriate. Enabling this option will reduce the number of Windows page faults that may be generated by the Global Server (*sic*) under some conditions.

The default setting is "Off".

3.35 ServiceAutoReconnectAllServers

This string setting is the equivalent of the AutoReconnectAllServers (described in section 3.7) for the Service version of the Global Client (i.e. the AutoReconnectAllServers setting is only recognized by GLOBAL.EXE; the ServiceAutoReconnectAllServers setting is only recognised by GLOBALCLIENTSERVICE.EXE).

THIS OPTION IS POTENTIALLY VERY DANGEROUS. DO NOT ENABLE THIS OPTION UNLESS YOU ARE ABSOLUTELY SURE THAT ALL GLOBAL CLIENT SERVICES HAVE UNIQUE NODE-ID'S.

The default setting is "On" (*sic*), so be very careful to ensure that all Global Client Services have unique node-id's.

3.36 StatusLinePoll

This value setting, which was originally documented in GOMW81, specifies how often the Global Client will poll the Master Global Server for status line information. The value specified is the duration (in seconds) between successive polls and must be between 1 and 3600. A value of 0 disables the status line poll facility.

The default value is 10.

3.37 UseConfigurationFile

This string setting is available to enable the option to load a Global Client without accessing the Global Configuration File. When this option is disabled all the Global Client configuration options are established via the registry (i.e. **all** the configuration options in

the Global Configuration File are ignored). Please refer to Technical Note IN181 for further details.

To provide compatibility with installed systems the default value of this setting is "On".

3.38 UseExitAfterCleanupToExit

This string setting is available to prevent the occasional crash that occurs when GLOBAL.EXE has been terminated (e.g. after $BYE has been run).

The default setting is "Off".

3.39 UseExitToExit

If this string setting is enabled, the $BYE processing within GLOBAL.EXE uses the Windows "exit" function rather than the "terminate" function to close-down. This change fixes a problem that can cause zombie GLOBAL.EXE tasks appearing in the Windows Task List under some circumstances.

The default setting is "Off".

3.40 UseExitProcessToExit

This string setting is available to prevent the occasional crash that occurs when GLOBAL.EXE has been terminated (e.g. after $BYE has been run).

The default setting is "Off".

3.41 ValidateNodeID

This string setting is available, in addition to the /X command line option, to relax the Global Client node-id validation. When this string setting is set to "Off", it allows a Global Client configured with a non-standard node-id to be started by simply double-clicking on the GLOBAL.EXE (i.e. rather than requiring a short-cut to be established to supply the /X command line option). See also section 3.30 for details of the NodeID setting.

The default setting is "On".

3.42 DisconnectIfGSMSHMTimesOut

By default, the V4.1b, or later, Global Client (GLOBAL.EXE) automatically disconnects from a Global Server if an operation sent via the “gsmshm” protocol suffers a Timeout exception. This disconnect function, which automatically triggers an immediate attempt to reconnect, allows a Global Client to recover from the situation when a Global Server, connected via the “gsmshm” protocol is stopped and restarted. This string setting is available to suppress the disconnection (and the thus, the consequent immediate reconnection). There should normally be no reason to disable this setting.

The default setting is "On".