

SURE Client

Configuration file AW_OBJ.INI

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1 Configuration file AW_OBJ.INI

The SURE Client uses a configuration or INI file to store configuration variables specific to the installation. The name of the INI file is AW_OBJ.INI and by default it is located in the directory where the SURE Client is installed.

The INI file contains many sections, each providing different configuration variables (keys). Some of these values are defined upon installation, some are set via various option dialogs or choices within the software, some are set and cleared by the software itself whenever it needs them, and some can be defined manually, only when they are needed for a user or function specific setup.

This document describes all of the keys in the INI file: the purpose of a key, the default setting, and when or how it is changed.

The following terms and abbreviations are used in this document:

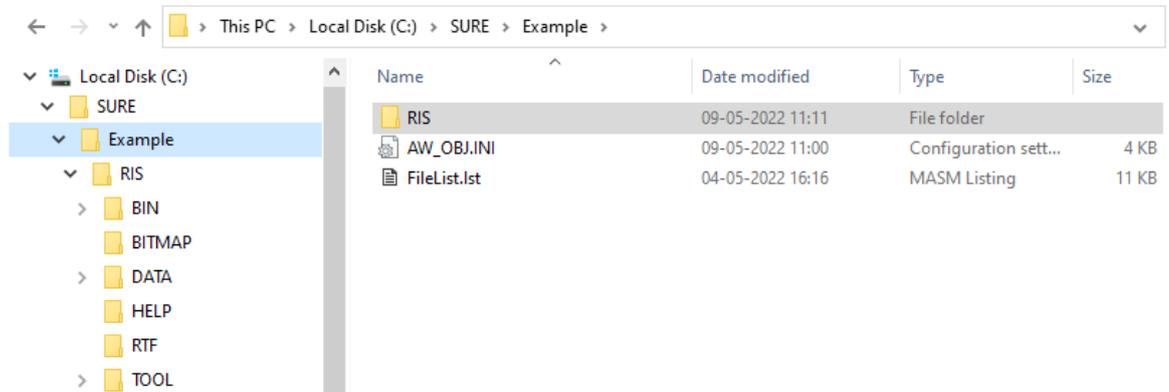
SURE Client	The Windows application that implements the SURE Client functionality
SURE Browser	The Windows Explorer like main window of the SURE Client
RFW	Respect FrameWork. (The underlying software framework of the SURE Client)
<install.dir>	The directory where the SURE Client is installed
CVS	Concurrent Versions Systems (a source maintenance system that the SURE Client can interface with)
SCC	Source Code Control (a communication protocol for source maintenance systems, supported by the SURE Client)

This document contains examples of keys from an INI file of an example installation of the SURE Client in directory C:\SURE\Example. If you installed SFW in a different directory then you can substitute this by the name of your installation directory.

2 Using file AW_OBJ.INI

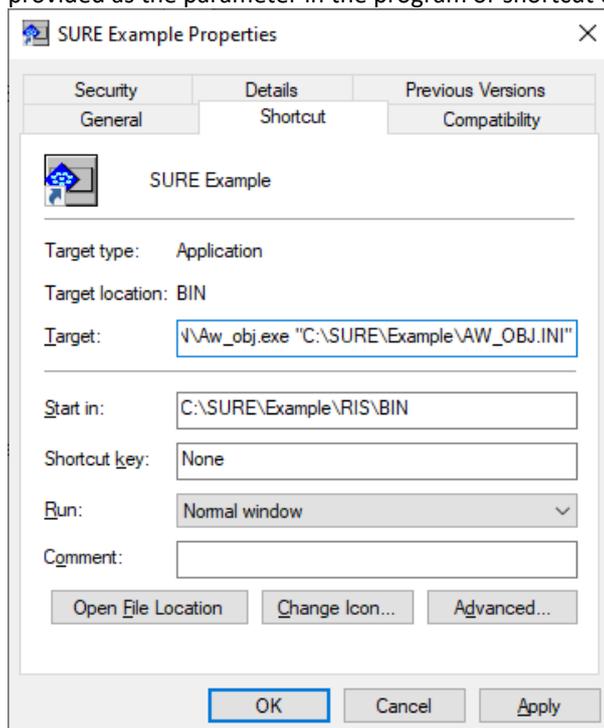
This chapter describes an example installation of the SURE Client in directory C:\SURE\Example.

After the installation is done, the directory structure is as follows:



The name of INI file is AW_OBJ.INI and by default it is located in the directory where the SURE Client is installed.

The installation program also creates a shortcut to start the SURE Client. The name of the INI file is provided as the parameter in the program or shortcut definition:



Target = C:\SURE\Example\RIS\BIN\Aw_obj.exe "C:\SURE\Example\AW_OBJ.INI"

The standard name of the INI file is AW_OBJ.INI, after the name of the executable, but it is possible to give it a different name, and to use that name in the shortcut.

If no INI file is defined in the shortcut, the default name that Windows uses is C:\Windows\Aw_obj.ini

Access rights

The INI file contains unchanging configuration variables for the SURE Client, but it also contains run time parameters and cached user choices. This means that the SURE Client will do updates in the INI file, which is only possible if the user has write access to the directory where the INI file is located, and the INI file itself.

So, if the SURE Client is installed in a directory where the user does not have write access, then the INI file must be placed in a separate directory that is write accessible for that user.

For example:

- The user is not a (local) administrator
- The SURE Client is installed in directory C:\Program Files (x86)\Example\
- The INI file is located in %UserProfile%\My Documents\Example
- The target in the shortcut is then:
 - o "C:\Program Files (x86)\Example\ris\bin\aw_obj.exe" "%UserProfile%\My Documents\Example\AW_OBJ.INI"

The AW_OBJ.INI file in the RIS\BIN directory

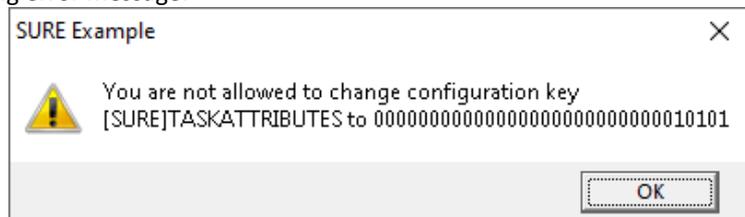
It is possible (but not required) to create an extra INI file in the BIN directory. We call this the 'BIN INI file'.

The difference between a BIN INI file and a regular INI file (which is used in the shortcut) is that the SURE Client cannot change any settings that are declared in the BIN INI file. So, a key that is declared in the BIN INI file is automatically locked. It works as follows:

- A customer is free to choose which settings are kept in the BIN INI file.
- A BIN INI file contains entries that are fixed for an installed SURE system. These settings cannot be changed via the SURE GUI (not via changing an option on a screen, and also not automatically, for example when the user wants to resize the SURE Browser window).
 - o The user gets an error message if he tries to modify settings of the BIN INI file.

For example:

- Suppose that the BIN INI file contains setting
[SURE]TASKATTRIBUTES=00000000010000000000010100000100
- If the user wants to choose a different set of columns for tasks on a right pane (via option Toolbar → Options → Attributes → Task) then that will cause a change of the value of setting [SURE]TASKATTRIBUTES
- Because [SURE]TASKATTRIBUTES is a fixed setting, the user will get the following error message:



- So, the settings that are declared in the BIN INI file should be chosen with care. The BIN INI file should not contain settings that hold screen positions, font settings or other options that are free to be altered by the user, because that will block the user in his daily routines.

The advantage of a BIN INI file is that every user has the same basic configuration.

Settings that are not declared in the BIN INI file have to be declared in the regular INI file. These are free to be changed by the user, and therefore we call it the "USER INI file"

Summarized:

- There are 2 configuration methods:
 - o If there is no BIN INI file, then all fixed and variable settings are combined in one standard INI file. The INI file that is created by the installer is an example.
 - o If there is a BIN INI file, then the fixed settings are kept in the BIN INI file and the variable settings are kept in the USER INI file. If a setting is kept in both INI files, then the value in the BIN INI file takes preference over the one in the USER INI file.

Example of a BIN INI file

The BIN INI file must only contain static keys. For example:

- Keys that contain the directory name where the SURE Client is installed and/or fixed file names within this directory tree
- Keys that cannot be changed, because otherwise (parts of) the software won't work
- Keys for which the organization determines the value and from which the user should not deviate

The example BIN INI file in this paragraph corresponds with the example USER INI file of the next paragraph. It can be used as a template to create your own BIN INI file:

- Copy and paste the example below in an empty notepad file.
- Replace installation directory C:\SURE\Example by your own installation directory name.
- Replace my.server.tld/50001 by your own host name or IP address and port number
- Save the file as AW_OBJ.INI in directory <install.dir>\RIS\BIN

[GLOBAL]

Bitmap=surelogo.bmp
SCCPROVIDER=FALSE

[DIRECTORY]

Tool=C:\SURE\Example
Data=C:\SURE\Example

[INFDB]

Identification=my.server.tld/50001
WINDOW=4
WINDOWACK=2
IDLETIME=100

[SUREREPORT]

Task list (selection via Macro)=[REPORT_PATCHES]
Task list (selected tasks in browser)=[REPORT_GROUPOFTASKS]
Task list (selection with manual parameter choice)=[REPORT_CUSTOM]
Sep1=
User overview=[REPORT_USERALL]
DataItem codes=[REPORT_ITEMCODES]
Messages by prefix=[REPORT_MSGPREFIX]

[REPORT_USERALL]

SELECT=NONE
STEP1=RTF: UserAll.rtf

[REPORT_GROUPOFTASKS]

SELECT=GROUP
STEP1=RTF: GroupOfTasks.rtf

[REPORT_CUSTOM]

```

SELECT=NONE
STEP1=INPUT:ByReported,ANNOUNCED,Reported by;NextRelease,NEXT-RELEASE,Next
release;ByType,PROBLEM-TYPE,Task type;ByPrio,PRIORITY,Priority;ByStatus,STATUS,Task
status;DateFrom,DATE,Date from;DateTo,DATE,Date until
STEP2=RTF: TaskByQuery.rtf

```

```

[REPORT_PATCHES]
SELECT=NONE
STEP1=INPUT:ParMacro,SELECT-MACRO,Macro;ParProject,PROJECT,Project
STEP2=RTF: TaskViaMacro.rtf

```

```

[REPORT_ITEMCODES]
SELECT=EACH
STEP1=RTF: ItemCodes.rtf

```

```

[REPORT_MSGPREFIX]
SELECT=NONE
STEP1=INPUT:MsgPrefix,STRING,Message Prefix
STEP2=RTF: MsgPrefix.rtf

```

```

[SUREHELP]
SURE manual=SURE.PDF
Notes of SURE release 110=Releasenotes110.docx
Installation instruction for button Backupfile in MS-Word=InstallationBackupfileButtonWord.docx
Download SURE release 110 notes (latest version)=http://itsforsure.nl/docs/Releasenotes110.docx

```

Example of a USER INI file

The USER INI file contains variable keys, like cached choices from dialogs, measurements of the browser window, or temporary keys needed by the system itself. It can also be used to configure personal settings that cannot be configured in a BIN INI file, like a personal choice for an editor.

The example USER INI file of this paragraph corresponds with the example BIN INI file of the previous paragraph. It can be used as a template to create your own USER INI file:

- Copy and paste the example below in an empty notepad file.
- Replace installation directory C:\SURE\Example by your own installation directory name.
- Check the names of the local editors and the name of Winzip:
 - o WINZIP=
 - o EDIT=
 - o PCEDIT=
- Save the file as AW_OBJ.INI in a directory that is write-accessible for the user.
- Use this directory name and file name in the shortcut that starts the SURE Client.

```

[GLOBAL]
DATESHORTFORMAT=dd-MMM-yyyy
DATELONGFORMAT=dd-MMM-yyyy
TIMEFORMAT=HH:mm:ss
Title=SURE Example
TRACE=%LOCALAPPDATA%\Example\Trace.txt

```

```

[EXE]
WINZIP=C:\Program Files\Winzip\Winzip32.exe

```

```

[OPENWITH]

```

Wordpad=wordpad.exe
Notepad=notepad.exe
MyEditor=C:\Program Files\MyEditor\MyEditor.exe

[SURE]
EDIT=C:\Program Files\MEW\MEW32.exe
PCEDIT=C:\Program Files\MEW\MEW32.exe
Height=16
Left=20
Top=20
Right=480
Bottom=680
FILENUMBERENTRIES=24
FILENUMBERENTRIESMAXIMUM=N
TASKNUMBERENTRIES=24
TASKNUMBERENTRIESMAXIMUM=N
MACRONUMBERENTRIES=22
MACRONUMBERENTRIESMAXIMUM=N
LASTCHANGEDNUMBERENTRIES=3
LASTCHANGEDNUMBERENTRIESMAXIMUM=N
AFILENUMBERENTRIES=100
AFILENUMBERENTRIESMAXIMUM=Y
Windows=0
TASKATTRIBUTES=00000000010000000000010100000000
FILEATTRIBUTES=00000000001000100000000000010010
USERATTRIBUTES=0000000000000000000000000000011011
SPLITX=200
DOWNLOAD=%LOCALAPPDATA%\Example\Download
SHOWHIDDEN=FALSE

[SURELEFT]
Height=16

[TIMECORRECTION]
my.server.tld/50001=-1:00:00

3 Sections of AW_OBJ.INI

This chapter describes the sections and keys of the INI file. Each section of the INI file starts with a section name between square brackets. For example: [GLOBAL]

The sections are described in alphabetical order. The keys of a section are described per section in alphabetical order.

Sections do not need to be in the INI file in any particular order, and in most cases, the order of the keys within a section is also free to choose. Exceptions to this, where the key order is leading, are set out in the section's description.

Each key is described as follows:

KEYNAME

Example: KEYNAME=<frequent value>

Purpose: A short description of the function of KEYNAME and its possible values.

Default: The default value if the key is not defined in the INI file

Change: This describes how the key can be changed. The following options are possible:

- Via a function in the SURE GUI (plus the screen and field)
- Automatically by the SURE Client
- Manually in the INI file
- Should not be changed

Section [BATCH]

This section describes how the SURE Client can be configured to run as a batch process. At the moment the following batch processes are supported:

- The Build Server
- The Load Server
- The Download Server

When the SURE Client runs as a batch process, it automatically logs on, performs its defined functions, and then terminates. This means a batch run can be started from a BAT file or other script.

The Build Server

The Build Server is a batch function to start and control the building and deployment of PC applications.

The Build Server runs as a regular SURE Client installation, with an INI file that is manually configured for a specific Build Server:

- The SURE Client is started in batch mode via a special parameter.
- All parameters to control the build process are defined in the INI file.

The following Build Server keys can be defined in the INI file:

Section [GLOBAL]

- MODE=EVENTLOG or UNATTENDED
 - o This key controls how messages are handled. See chapter 'Section [GLOBAL]' for details.

Section [BATCH]

- SERVER=<name>
 - o This key triggers the SURE Client to run as a Build Server.
- The other supported Build Server keys are described below.

Section [SURE]

- USERCODE=<name>
- VAR2=<password>
 - o These keys are needed for automatic logon.

Section [<Environment name>]

- PCWORKDIRECTORY=<local work directory>
 - o This key should be used to route the projects and files to be synchronized to a specific location and built / deployed from there. See chapter 'Section [<Environment name>]' for details.
- BUILDSTARTER
- BUILDTARGET
 - o These keys are optional. See chapter 'Section [<Environment name>]' for details.

Section [BUILDSTEPS]

- Optionally defines the order in which files from different paths are to be built.

BUILDLIST

Example: BUILDLIST=TRUE

Purpose: When BUILDLIST = TRUE, the Build Server will create a list containing all files in the current build queue, prior to starting a build process. The name of the list file created can be defined with option LISTNAME.

Default: TRUE
 Change: Manually in the INI file

COMMAND or COMMANDS

Example: COMMAND[S]=<command>,<command>,...

Purpose: This option defines build methods to be performed in the indicated order

BUILD	Performs a sequence of subcommands that make up the default build process for a PC based project: DOWNLOAD, RENDEL, and COMPILE.
MAKE	Performs a sequence of subcommands that make up the default build process for a PC based project using a MAKE script: DOWNLOAD, RENDEL, and MAKEFILE.
MCPBUILD	Performs a sequence of subcommands that make up the default build process for a PC based project that has associated MCP sources: MCPDOWNLOAD, CONVERT, DOWNLOAD, RENDEL, and COMPILE. This option must be defined together with options CONVERTLISTNAME and CONVERTSCRIPTNAME.
COMPILE	This command starts a recursive process in which files marked as TO-COMPILE and directories containing these files, are checked for build commands or available build scripts; such commands or scripts are interpreted and run, and the status of the runs is loaded into SURE.
CONVERT	This command runs conversion scripts to create PC source files from MCP source files. This command uses settings defined in the options CONVERTLISTNAME and CONVERTSCRIPTNAME.
DOWNLOAD	This command downloads PC sources for a project that have been marked as TO-COMPILE to the PC work directory.
MAKEFILE	This command creates a file list containing the files in the project marked as TO-COMPILE, and then starts a MAKE script that will handle the process of building the project, usually on a different host. This MAKE file should produce a file containing the build status for all the files put in the file list, so these statuses can be loaded into SURE. This command uses settings defined in the option MAKECOMMAND
MCPDOWNLOAD	This command downloads MCP sources that are associated with a PC project to the MCP source directory, to be used as input for the CONVERT command.
RENDEL	This command checks if there were any logical rename and delete requests done in SURE for files in the project since the last RENDEL command was performed, renames or deletes the corresponding files in the PC work directory, and clears the rename/delete request queue.
SYNC:<directory>	This command synchronizes a SURE folder to the PC work directory, recursively. This selects only the files that are linked to the build-server via the OBJECT-HOST relation

SYNCPATH:<dir> This command synchronizes a SURE folder to the PC work directory, recursively. This selects all files of the directory.

Default: BUILD

Change: Manually in the INI file

COMPLETE

Example: COMPLETE=Log\BuildCompleted.txt

Purpose: This option specifies the name of a file that will be created upon completion of a Build Server run. The presence of this file can be used by a surrounding process to determine that the Build Server process has ended, and a subsequent process can be started, without having to check the running status of the executable of the SURE Client. The surrounding process should remove this file before starting the Build Server, after a successful check of its existence.

Default: Not defined

Change: Manually in the INI file

CONVERTLISTNAME

Example: CONVERTLISTNAME=SERVER\Convert.lst

Purpose: This option must be defined together with COMMAND=MCPBUILD. It defines the name of a file in which the Build Server will write the names of all associated MCP files that need to be converted.

Default: Not defined

Change: Manually in the INI file

CONVERTSCRIPTNAME

Example: CONVERTSCRIPTNAME=SERVER\Bin\ConvertAll.bat

Purpose: This option must be defined together with COMMAND=MCPBUILD. It defines the name of an executable or script that converts MCP files to PC files.

Default: Not defined

Change: Manually in the INI file

DIRSCRIPTNAME

Example: DIRSCRIPTNAME=Do_<>_Build.bat

Purpose: This option defines an alternative name of a build script for all files of a directory. If not defined then file Build.bat of that directory is used (if it exists).

The syntax of this entry contains a simple way to include the name of the current build target by including the literal <> in the value.

For example:

- Suppose that the file to be built is TEST123.SLN, then option DIRSCRIPTNAME=Do_<>_Build.bat expands to the build script name Do_TEST123_Build.bat

Default: Optional, default: Build.bat

Change: Manually in the INI file

DISTRIBUTE

Example: DISTRIBUTE=Exe_package,Web_package

Purpose: Initiates creation of a distribution package after a successful build of a project. This section contains a number of comma-separated section names. Each section is processed in order. Files from the indicated DIRECTORY, having the indicated SYSTEM and PROJECT, and having been marked with relation DISTRIBUTION() within SURE, will be downloaded to the work directory, recursively if indicated by WITHDIR, and COMMAND is started to perform the distribution process.

Keys in [<package>] sections:

COMMAND	The name of an executable or batch-file to be performed to create the distribution.
DIRECTORY	SURE directory name of the files to be downloaded.
PROJECT	SURE project name of the files to be downloaded.
SYSTEM	SURE system name of the files to be downloaded.
WITHDIR	TRUE if download is to be recursive, FALSE otherwise.

Default: Not defined

Change: Manually in the INI file

ENVIRONMENT

Example: ENVIRONMENT=<SURE environment name>

Purpose: This option defines the SURE environment to load the files into. Key PCWORKDIRECTORY of section [<SURE environment name>] determines the local work directory.

Default: Optional, default: logon environment

Change: Manually in the INI file

ERRORNAME

Example: ERRORNAME=<>_Build.err

Purpose: This option defines an alternative name of the error file created by a build.

The syntax of this entry contains a simple way to include the name of the current build target by including the literal <> in the value.

For example:

- Suppose that the file to be built is TEST123.SLN, then option ERRORNAME=<>_Build.err expands to the build script name TEST123_Build.err

Default: Optional, default: Build.err

Change: Manually in the INI file

FILESCRIPTNAME

Example: FILESCRIPTNAME=Do_<>_Build.bat

Purpose: This option defines an alternative name of a build script for a single file. If not defined then file <file-base-name>Build.bat of the same directory is used (if it exists).

The syntax of this entry contains a simple way to include the name of the current build target by including the literal <> in the value.

For example:

- Suppose that the file to be built is TEST123.SLN, then option FILESCRIPTNAME=Do_<>_Build.bat expands to the build script name Do_TEST123_Build.bat

Default: Optional, default: <>Build.bat

Change: Manually in the INI file

LISTNAME

Example: LISTNAME=<>_Build.lst

Purpose: This option defines an alternative name of the listing file created by a build.

The syntax of this entry contains a simple way to include the name of the current build target by including the literal <> in the value.

For example:

- Suppose that the file to be built is TEST123.SLN, then option LISTNAME=<>_Build.lst expands to the build script name TEST123_Build.lst

Default: Optional, default: Build.lst

Change: Manually in the INI file

MAKECOMMAND

Example: MAKECOMMAND=<command>

Purpose: This option is used by the build COMMAND MAKE or MAKEFILE

On performing the MAKEFILE command, the build server will create a Windows batch file containing the command defined here, start it and wait for it to finish. This makes it possible to start a MAKE command that cannot be executed directly by a Windows process.

Default: Not defined

Change: Manually in the INI file

RESULTNAME

Example: RESULTNAME=<templated name>

Purpose: This option is used to overrule the default name of the file with build results.

A directory Build.bat can now be used to build multiple independent source sets residing in one directory. The Build.bat can report back which source sets / projects / solutions were built successfully or with errors, by creating a result file that contains the source-names that must be marked in SURE as 'built OK' or 'build with errors'.

The default name of result file is Build.result. This name can be overridden by the option.

Default: Not defined

Change: Manually in the INI file

RUNBUILD

Example: RUNBUILD=SERVER\RunProcess.exe

Purpose: During the Build Server's recursive build process, files that are marked as build script files are started to perform build actions. Usually, these are .BAT files that can simply be run from the security context in which the Build Server runs. However, it may be required to perform some actions before such a process can be started, or to run in a different security context. The option RUNBUILD identifies an executable that is designed for this purpose. If this option is set, then all recursive build actions will be performed by executing this program with the name of the build action file as parameter.

Default: Not defined

Change: Manually in the INI file

SERVER

Example: SERVER=MAIN-SYSTEM

Purpose: This option defines the name of the SURE Build Server. The build commands will be executed on the PC files that are in the SURE build queue of that Build Server name.

Default: Required custom entry

Change: Manually in the INI file

SKIPONERROR

Example: SKIPONERROR=TRUE

Purpose: If TRUE, then if a build action for a file resulted in an error, the remainder of the files in that same directory, and files in the parent of that directory (recursively), are skipped to avoid later build phases working with obsolete or incorrect results of this failing build.

If FALSE, then the SURE build server does not skip any subsequent same directory or parent directory builds when a build error is encountered.

Default: FALSE

Change: Manually in the INI file

TRACE

Example: TRACE=TRUE

Purpose: Write extra tracing about the build process in the trace file. For example: the content of Build.lst and Build.err is written in the trace file

Default: FALSE

Change: Manually in the INI file

UNATTENDED

Example: UNATTENDED=TRUE

Purpose: This option suppresses all error messages and verifications. If TRUE, then all screen dialogs are suppressed. This setting is equivalent to setting

[GLOBAL]MODE=UNATTENDED

Default: Required for unattended mode if not set in section [GLOBAL]

Change: Manually in the INI file

Examples

Example 1: consider an INI file with the following settings:

```
[GLOBAL]
MODE=EVENTLOG

[BATCH]
SERVER=SYS1
ENVIRONMENT=DEVELOP
COMMANDS=MAKE
MAKECOMMAND=C:\Develop\CurrentVersion\DO_makesys.bat

[DEVELOP]
PCWORKDIRECTORY=C:\Deploy\CurrentVersion\Src
```

This configuration performs the following build steps:

- Copy the files that are in the build queue of Build Server SYS1 of SURE environment DEVELOP from SURE environment DEVELOP to directory C:\Deploy\CurrentVersion\Src.
- See if there are any files in SYS1 that have been renamed or deleted in SURE, and rename or delete the corresponding files in C:\Deploy\CurrentVersion\Src.
- Start bat-file C:\Develop\CurrentVersion\DO_makesys.bat and wait for it to finish.

Example 2: consider an INI file with the following settings:

```
[GLOBAL]
MODE=EVENTLOG

[BATCH]
SERVER=SYS2
ENVIRONMENT=DEVELOP

[DEVELOP]
PCWORKDIRECTORY= C:\Deploy\CurrentVersion\Src
```

This configuration performs the following build steps:

- Copy the files that are in the build queue of Build Server SYS2 of SURE environment DEVELOP from SURE environment DEVELOP to directory C:\Deploy\CurrentVersion\Src.
- See if there are any files in SYS2 that have been renamed or deleted in SURE, and rename or delete the corresponding files in C:\Deploy\CurrentVersion\Src.
- Start the recursive build process, executing the build commands defined for all files that are in the SYS2 build queue, and the build scripts for directories containing such files and the parent directories of those, up to the SURE root.

Example 3: consider an INI file with the following settings:

```
[BATCH]
SERVER=SYS3
UNATTENDED=TRUE
```

```

ENVIRONMENT=DEVELOP
COMMAND=MCPBUILD
CONVERTLISTNAME=Convert.lst
CONVERTSCRIPTNAME= C:\Deploy\CurrentVersion\Bin\ConvertAll.bat

```

```

[DEVELOP]
PCWORKDIRECTORY= C:\Deploy\CurrentVersion\Src
WORKDIRECTORY= C:\Deploy\CurrentVersion\Resource

```

This configuration performs the following build steps:

- Copy the MCP files that are linked to the PC files in the SYS3 build queue from environment DEVELOP to directory C:\Deploy\CurrentVersion\Resource, creating C:\Deploy\CurrentVersion\Resource\Convert.lst containing the names of these files.
- Start C:\Deploy\CurrentVersion\Bin\ConvertAll.bat to convert the MCP files to corresponding PC files.
- Copy the PC files that are in the build queue of Build server SYS3 in SURE environment DEVELOP to directory C:\Deploy\CurrentVersion\Src.
- See if there are any files in SYS3 that have been renamed or deleted in SURE, and rename or delete the corresponding files in C:\Deploy\CurrentVersion\Src.
- Start the recursive build process, executing the build commands defined for all files that are in the SYS3 build queue, and the build scripts for directories containing such files and the parent directories of those, up to the SURE root.

Example 4: consider an INI file with the following settings:

```

[BATCH]
SERVER=SYS4
UNATTENDED=TRUE
ENVIRONMENT=RELEASE
COMMAND=SYNC:sysbase,COMPILE

```

```

[RELEASE]
PCWORKDIRECTORY=C:\Deploy\Release

```

This configuration performs the following build steps:

- Synchronise directory C:\Deploy\Release\sysbase with SURE folder Files (PC) → sysbase on environment RELEASE. All files in this directory with Build Server SYS4 are synchronized, regardless of whether they are in the build queue for this server.
- Start the recursive build process, executing the build commands defined for all files that are in the SYS4 build queue for environment RELEASE, and the build scripts for directories containing such files and the parent directories of those, up to the SURE root.

The Load Server

The Load Server is a batch function to load a directory of files into SURE.

The Load Server runs as a regular SURE Client installation, with an INI file that is manually configured for a batch Load:

- The SURE Client is started in batch mode via a special parameter.
- All parameters to control the load process are defined in the INI file.

The following Load Server keys can be defined in the INI file:

Section [GLOBAL]

- MODE=EVENTLOG or UNATTENDED
 - o This key controls how messages are handled. See chapter 'Section [GLOBAL]' for details.

Section [BATCH]

- LOAD=<path>
 - o This key triggers the SURE Client to run as a Load Server.
- The other supported Load Server keys are described below.

Section [SURE]

- USERCODE=<name>
- VAR2=<password>
 - o These keys are needed for automatic logon.

Section [<Environment name>]

- PCWORKDIRECTORY=<local work directory>
 - o This key can be used to load files from a different location than the default one. See chapter 'Section [<Environment name>]' for details.

ALLENVIRONMENTS

Example: ALLENVIRONMENTS=TRUE

Purpose: This option determines if files are loaded in all environments or only in the current environment.

If TRUE, then the files are immediately loaded in all environments and not linked to a task. If FALSE, then the files are loaded into the specified environment and linked to the specified task.

Default: FALSE

Change: Manually in the INI file

ARCHIVE

Example: ARCHIVE=TRUE

Purpose: This option is only applicable in combination with option SYNC=TRUE, and only if an archive environment is defined.

If TRUE, then files that are in the SURE directory but not in the specified load directory are archived instead of purged.

Default: FALSE

Change: Manually in the INI file

ENVIRONMENT

Example: ENVIRONMENT=<SURE environment>
Purpose: This option defines the SURE environment to load the files into.
Default: The logon environment
Change: Manually in the INI file

KEEPVERSION

Example: KEEPVERSION=TRUE
Purpose: If this option is TRUE, then the loaded files keep their current FileVersion in SURE. If it is FALSE, the files that are loaded get a new FileVersion.
Default: FALSE
Change: Manually in the INI file

LOAD

Example: LOAD=<relative path name>
Purpose: This key triggers the SURE Client to run as a Load Server. It defines the relative path in SURE to load the files into. If this path does not exist in SURE, it is created. The files are loaded from the directory specified in [<environment name>]PCWORKDIRECTORY.
Example:
If PCWORKDIRECTORY is C:\SURE\Example\DEVELOP\Work
and LOAD=Local\Script
then all file in directory C:\SURE\Example\DEVELOP\Work\Local\Script
will be loaded in SURE folder Files(PC) => Local\Script
Default: Required custom entry
Change: Manually in the INI file

LOG

Example: LOG=<file name template>
Purpose: This setting defines a log file containing the files' status and actions performed.
<File name template> can contain identifiers <DATE> for an 8-digit start run date and <TIME> for a 6-digit start run time. For example:
LOG=C:\SURE\Example\Temp\LOAD_LOG_<DATE>.TXT
Default: Not defined
Change: Manually in the INI file

NOEXTTYPE

Example: NOEXTTYPE=<file type>
Purpose: This setting defines the SURE PC File Type that is linked to file names that do not have a file extension. This name must be defined in Configuration => File Type => Files(PC).
Default: Not defined

Change: Manually in the INI file

PROJECT

Example: PROJECT=<project name>

Purpose: This option defines the project name used to load new files. Each loaded file is linked to the project.

Default: Mandatory. The defined project must be an existing project in SURE.

Change: Manually in the INI file

SUBDIR

Example: SUBDIR=TRUE

Purpose: This option determines if the subdirectories of the specified path are included in the load. If TRUE, then the directory and all subdirectories are loaded recursively. If FALSE, only the files in the specified base directory are loaded.

Default: FALSE

Change: Manually in the INI file

SYNC

Example: SYNC=TRUE

Purpose: This option determines whether the load is add / update only, or add / update / remove. New files are always added, and changed files are always updated. If TRUE, then files that are not in the work directory but are in SURE will be removed in SURE. If FALSE, then files that are not in the work directory will remain unchanged in SURE. Key ARCHIVE controls whether removed files are purged or archived.

Default: FALSE

Change: Manually in the INI file

TASK

Example: TASK=<task name>

Purpose: This option defines an alternative task name to link the loaded files to. It must be an existing task name and the task must have a valid status to link files to in the environment where the files are loaded.

Default: The current task of the logon user in the specified or logon environment

Change: Manually in the INI file

UNATTENDED

Example: UNATTENDED=TRUE

- Purpose: This option suppresses all error messages and verifications. If TRUE, then all screen dialogs are suppressed. This setting is equivalent to setting [GLOBAL]MODE=UNATTENDED
- Default: Required for unattended mode if not set in section [GLOBAL]
- Change: Manually in the INI file

Example

Consider an INI file with the following settings:

```
[GLOBAL]
MODE=EVENTLOG

[BATCH]
LOAD=Script
PROJECT=SYSB
ENVIRONMENT=DEVELOP
NOEXTTYPE=MISC
SUBDIR=TRUE
SYNC=FALSE
TASK=BASE0010
LOG=C:\SURE\Example\Temp\LOAD_LOG.TXT

[DEVELOP]
PCWORKDIRECTORY=C:\Stage\Load\Develop
```

This configuration loads all files in directory C:\Stage\Load\Develop\Script and its subdirectories into SURE environment DEVELOP as Script*. Each loaded file is linked to task BASE0010. Files without extension are loaded with SURE file-type MISC, all others by using their file name extension as file type. The FileVersion of updated files is modified according to the standard rules of SURE. Files are retained if they are in SURE but not in the work directory. Details about the batch load are written in the log file C:\SURE\Example\Temp\LOAD_LOG.TXT.

The Download Server

The Download Server is a batch function to download files from SURE to a local directory

The SURE GUI offers several interactive functions to copy files from the SURE repository to a local directory. For example:

- Right click on a directory => Get Latest Version
- Do a Query function => Right click on folder Query => Download the selected file

These interactive functions are also available in batch mode.

The Download Server runs as a regular SURE Client installation, with an INI file that is manually configured for a batch Download:

- The SURE Client is started in batch mode via a special parameter.
- All parameters to control the download process are defined in the INI file.

The following Download Server keys can be defined in the INI file:

Section [GLOBAL]

- MODE=EVENTLOG or UNATTENDED
 - o This key controls how messages are handled. See chapter 'Section [GLOBAL]' for details.

Section [BATCH]

- DOWNLOAD=<id>
 - o This key triggers the SURE Client to run as a Download Server.
- The other supported Download Server keys are described below.

Section [SURE]

- USERCODE=<name>
- VAR2=<password>
 - o These keys are needed for automatic logon.

Section [<Environment name>]

- SOURCEDIRECTORY=<directory name>
- PCWORKDIRECTORY=<directory name>
 - o This key should be used to route the files to be downloaded to a specific location. When downloading MCP files, they are routed to the location in SOURCEDIRECTORY. When downloading PC files, they are routed to the location in PCWORKDIRECTORY. See chapter 'Section [<Environment name>]' for details.

There are 3 Download modes, each with a specific set of keys in the [BATCH] and [<environment name>] sections.

Mode 1: download all files of a directory

```
[BATCH]
ENVIRONMENT=<environment name>
DOWNLOAD=<path with wildcards>
SUBDIR=true/false
[<environment name>]
PCWORKDIRECTORY=<directory to download PC files to>
or
SOURCEDIRECTORY=<directory to download MCP files to>
```

Mode 2: download MCP files selected via a Macro

```
[BATCH]
ENVIRONMENT=<environment name>
DOWNLOAD=QUERY
MACRO=<macro name>
[<environment name>]
SOURCEDIRECTORY=<directory to download to>
```

Mode 3: download MCP files selected via a Query

```
[BATCH]
ENVIRONMENT=<environment name>
DOWNLOAD=QUERY
WILDCARD=<path with wildcards>
LIMIT=<maximum number>
EXPRESSION=<query expression>
[<environment name>]
SOURCEDIRECTORY=<directory to download to>
```

DOWNLOAD

Example: DOWNLOAD=S/BA/DBP/=

Purpose: This option identifies how the files are selected in SURE.
DOWNLOAD=QUERY selects either mode 2 (macro) or mode 3 (query).
DOWNLOAD=PATH/WITH/SLASHES selects mode 1, downloading MCP files.
DOWNLOAD=Path\With\Basckslashes selects mode 1, downloading PC files.
Mode 1 paths can contain wildcards =, * and ? in the last node of the path.
For modes 2 and 3, only MCP files can be selected, and files are downloaded to the directory defined in [<environment name>]SOURCEDIRECTORY.
For mode 1, either MCP or PC files can be selected, and files are downloaded to the directory defined in SOURCEDIRECTORY and PCWORKDIRECTORY, respectively.

Default: Required custom entry

Change: Manually in the INI file

ENVIRONMENT

Example: ENVIRONMENT=<environment name>

Purpose: SURE environment to copy files from.

Default: The logon environment

Change: Manually in the INI file

EXPRESSION

Example: EXPRESSION=FILE-TYPE(DBP)

Purpose: The same usage as on the Query screen

Default: Not defined, only applicable if DOWNLOAD=QUERY and MACRO is not set

Change: Manually in the INI file

LIMIT

Example: LIMIT=100

Purpose: The same usage as on the Query screen.

Default: Not defined, only applicable if DOWNLOAD=QUERY and MACRO is not set

Change: Manually in the INI file

MACRO

Example: MACRO=<macro name>

Purpose: The technical key of the macro, as seen on the top of the Macro properties screen.

Default: Required custom entry for MACRO mode

Change: Manually in the INI file

SUBDIR

Example: SUBDIR=TRUE

Purpose: In mode <path>, this option can be used to specify whether the subdirectories of the specified path are downloaded.

Default: FALSE

Change: Manually in the INI file

UNATTENDED

Example: UNATTENDED=TRUE

Purpose: This option suppresses all error messages and verifications. If TRUE, then all screen dialogs are suppressed. This setting is equivalent to setting [GLOBAL]MODE=UNATTENDED

Default: Required for unattended mode if not set in section [GLOBAL]

Change: Manually in the INI file

WILDCARD

Example: WILDCARD=<path with wildcards>

Purpose: The same usage as on the Query screen.

Default: Not defined, only applicable if DOWNLOAD=QUERY and MACRO is not set

Change: Manually in the INI file

Spaces just before or after the equal (=) sign following the key name are not allowed.

Examples

```
[GLOBAL]
MODE=EVENTLOG
```

```
[BATCH]
ENVIRONMENT=DEVELOP
DOWNLOAD=S/BA
SUBDIR=TRUE
```

```
[DEVELOP]
SOURCEDIRECTORY=C:\Download\Develop\MCP
```

This configuration copies all files in MCP directory S/BA and its subdirectories from SURE environment DEVELOP to the MCP work directory C:\Download\Develop\MCP\S\BA.

```
[BATCH]
UNATTENDED=TRUE
ENVIRONMENT=RELEASE
DOWNLOAD=Script\*.js
SUBDIR=FALSE
```

```
[DEVELOP]
PCWORKDIRECTORY=C:\Download\Develop\PC
```

This configuration copies PC files Script*.js from SURE environment RELEASE to the PC work directory C:\Download\Develop\PC\Script.

```
[GLOBAL]
MODE=EVENTLOG
```

```
[BATCH]
ENVIRONMENT=DEVELOP
DOWNLOAD=QUERY
EXPRESSION=FILE-TYPE(DBP)
WILDCARD=S/BA/DBP/=
LIMIT=100
```

```
[DEVELOP]
SOURCEDIRECTORY=C:\Download\Develop\MCP
```

This configuration copies the first 100 files of file type DBP in MCP directory S/BA/DBP from SURE environment DEVELOP to the MCP work directory C:\Download\Develop\MCP\S\BA\DBP.

Section [BUILDSTEPS]

This section is only applicable for the SURE build server. It optionally defines the order in which files from different paths are to be built. Key names are ignored, the order that the build steps are executed is the order in which they are defined in this section. Files with status "to build" entered in this section are processed first, before the recursive build process starts.

Example:

```
[BUILDSTEPS]
1=Enterprise\InfraDesign.Enterprise\Build.bat
2=Infra\Infra.App\Build.bat
5=Facto\Build\Build.bat
```

Section [COMPILE]

This section contains settings for local compilations (compilations started from the SURE Client) .

AUTOMODETIMER

Example: AUTOMODETIMER=5000

Purpose: Interval between two status screen updates of the local compile screen, in milliseconds

Default: 5000

Change: Toolbar: Options → SURE options → Tab: server → Field: Automode Timer

AUTOREQUEST

Example: AUTOREQUEST=TRUE

Purpose: This option only applies to the external compilation tool AS_COMP. It controls whether the dialog with compilation choices is shown when the tool starts. If AUTOREQUEST=FALSE, then this dialog is shown and the choices can be changed before starting the compilation process. If AUTOREQUEST=TRUE, the section [COMPILE PARAM] should contain the complete and correct set of choices, and the compilation process will start immediately.

Default: FALSE

Change: Manually in the INI file

INI

Example: INI=Local\Compile.ini

Purpose: This option only applies to the external compilation tool AS_COMP. It defines an alternative name for an INI file containing the [COMPILE PARAM] section that controls the compilation options. This makes it possible to define a set of compilation options that is permanently stored and used for all compilations. This option will generally be used in combination with AUTOREQUEST=TRUE.

Default: Not defined

Change: Manually in the INI file

MAXIMUMINCREMENT

Example: MAXIMUMINCREMENT=500

Purpose: Maximum line number increment that is applied to unnumbered source lines

Default: 500

Change: Toolbar: Options → SURE options → Tab: server → Field: Maximum increment

MINIMUMINCREMENT

Example: MINIMUMINCREMENT=1

Purpose: Minimal line number increment that is applied to unnumbered source lines

Default: 1

Change: Toolbar: Options → SURE options → Tab: server → Field: Minimum increment

UNATTENDED

Example: UNATTENDED=TRUE

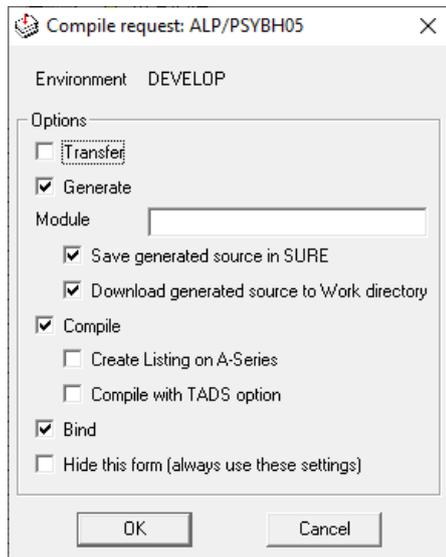
Purpose: This option only applies to the external compilation tool AS_COMP. If set, whenever the compilation process enters a "response required" state, the tool will not wait for the user to enter a response (AX,DS,...) but will immediately respond with a DS.

Default: FALSE

Change: Manually in the INI file

Section [COMPILE PARAM]

This section will be entered into the INI file when a local compilation of a source is started via the internal compilation tool. It contains the choices made in the opening screen of the compilation request.



TRANSFER

Field "Transfer"

SKIPGEN

Field "Generate" off

MODULE

Field "Module"

SURE

Field "Save generated source in SURE"

DOWNLOAD

Field "Download generated source to Work directory"

SKIPCOMP

Field "Compile" off

LISTING

Field "Create Listing on A-Series"

TADS

Field "Compile with TADS option"

SKIPBIND

Field "Bind" off

ALWAYSUSE

Field "Hide this form"

Section [CUSTOMLOGON]

This section is used to customize the login fields on the login screen. You can hide unnecessary fields and define alternative field names.

HIDEPASSWORD
HIDEACCESSCODE
HIDEACCESSCODEPWD
HIDECHARGECODE

Example: HIDEPASSWORD=FALSE
HIDEACCESSCODE=TRUE
HIDEACCESSCODEPWD=TRUE
HIDECHARGECODE=TRUE

Purpose: These options can be used to hide login fields.
If TRUE, then the corresponding field is hidden.

Default: FALSE

Change: Manually in the INI file

SAVEALLOWED

Example: SAVEALLOWED=TRUE

Purpose: This option can be used to hide field 'Save these credentials' on the login screen.
If FALSE, then field 'Save these credentials' is not visible, and you cannot save your credentials.

Default: TRUE

Change: Manually in the INI file

VAR1

Example: VAR1=Identification

Purpose: This option defines an alternative name for the first login field. If this option is used then the log-on is routed to procedure SITE_USERDATA of the site library.

Default: Not defined

Change: Manually in the INI file

VAR2
VAR3
VAR4
VAR5

Example: VAR2=Pin code, TRUE

Purpose: These options define alternative names for login fields 2 to 5.

If one or more of these keys are used then VAR1 must be defined as well.

If one of these keys is not used then the corresponding field is hidden.

Optional second field "TRUE" indicates that the field is a password, sets non-visible mode for the text in this field, and enables a corresponding [Change Password] button.

Default: Not defined

Change: Manually in the INI file

Section [CVS]

This section is used when Sfw is configured as CVS p-server.

The entire section is created if option 'Act as CVS server' is enabled.

The entire section is removed if option 'Act as CVS server' is disabled.

See: Toolbar: Options → SURE options → Field: Act as CVS server

RESENDWAIT

Example: RESENDWAIT=100

Purpose: Number of milliseconds to wait before resending a CVS request, if the request was answered with a "would block" response, indicating the CVS server is too busy to handle more requests.

Default: 50

Change: Manually in the INI file

MAXRESEND

Example: MAXRESEND

Purpose: Number of times to try resending a CVS request, if the request was answered with a "would block" response, indicating the CVS server is too busy to handle more requests.

Default: 20

Change: Manually in the INI file

PORT

Example: PORT=4401

Purpose: This option defines the port number that is used for the communication with Eclipse

Default: Not defined, 4401

Change: Toolbar: Options → SURE options → Field: CVS IP port

ROOT

Example: ROOT=/SURE

Purpose: This defines the root of the CVS-server and is used in the communication with Eclipse

Default: Not defined, /SURE

Change: Toolbar: Options → SURE options → Field: CVS root name

Section [DATAFILE]

This section is entered into the INI file when a file with filekind DATA is uploaded to SURE Server file system. It caches the fields in the dialog that is shown in that case, so the same settings are presented the next time this file is uploaded.

DATA file attributes : C:\Temp\MYDATA.DAT

CP/A attributes

Units Character
 Word

Record Size (in units)

Block Size (in records)

Area Size (in records)

PC attributes

Text file

For upload convert a text file to fixed record size (remove CR/LF)

For download convert fixed record size to text file (insert CR/LF)

OK Help Cancel

<local file name>=<Record Size>,<Block Size>,<Area Size>,<frame size determined from Units>,<Text file>

Section [DIRECTORY]

This section describes the file locations used by this installation.

BASE
DATA
TOOL

Example: DATA=C:\SURE\EXAMPLE
TOOL=C:\SURE\EXAMPLE

Purpose: These keys define the base location for the files used by this installation.

TOOL defines the base location of the server side files, such as executables, repositories and report templates. DATA defines the base location for the client side files, such as work directories, temporary files and the trace file.

The installer enters these two keys pointing to the same location, and for a standalone installation these will always be the same. BASE= can be manually entered instead of TOOL= and DATA= to formalise that this is a standalone installation.

Default: If no key DATA is entered in the INI file and no key BASE is entered, DATA defaults to the location of the INI file in the shortcut that starts SURE.
If no key TOOL is entered in the INI file and no key BASE is entered, TOOL defaults to the base of the location of the AW_OBJ.EXE file in the shortcut that starts SURE (that is, the path upto \RIS\BIN).

Change: Do not change for a standalone installation, manually set for a client-server installation.

<manual entry>

Example: LOCALBIN=\\HOSTNAME\SHARED\LOCAL\BIN

Purpose: This adds a file location to be used within the INI file.

With the above example definition, you can use the ini setting
[SURE]

EDIT=<LOCALBIN>\MyMCPeditor.exe

PCEDIT=<LOCALBIN>\MyPCEditor.exe

to specify an alternative location for company specific editors. This general location can then be changed for all of these executables at once by only modifying the value in [DIRECTORY]LOCALBIN.

Default: Not defined

Change: Manually in the INI file

Section [DOWNLOADEXT]

Defines the default file extension to use for downloaded MCP files.

<MCP FILEKIND>=<PC file extension>

Sections [<Environment name>]

These sections map to environments in SURE, and define local work directories, local source directories and refresh parameters for that environment. Each environment defined in SURE can have such a section associated with it, but does not have to, if no keys in it differ from their default values.

BUILDSTARTER

Example: BUILDSTARTER=rsh unixserver -l myuser <>

Purpose: This option can be used to start a build process using an external command. The example shows how to use a remote shell to run the build script on a different server.

Default: Not defined

Change: Manually in the INI file

BUILDTARGET

Example: BUILDTARGET=UNIX

Purpose: This option ensures that the build command file is created in UNIX layout, using LF as line separator, instead of the PC layout, using CRLF as line separators. Also, file names that are placed in the build command file through the mnemonics <WORKDIR>, <PATH>, <FILE>, and <FULLNAME> will have a UNIX name format, relative to the user's home directory, instead of a DOS or Windows full path format.

Default: Not defined

Change: Manually in the INI file

FINDIDENTIFIER

Example: FINDIDENTIFIER=SIMON

Purpose: This setting defines the last used FIND identifier in this environment. If the SURE Find screen is opened, then this identifier is used to fill the screen with the last used Find parameters.

Default: The log-on usercode

Change: Toolbar: tools → Find in SURE → Field: identifier

MYFOLDERDIRECTORY

Example: MYFOLDERFILE=RIS,S/BA/SECMON

Purpose: This is a list with names of MCP directories that are added to 'My Folder'

Default: Not defined

Change: Right click on the name of an MCP directory → Add to My Folder

MYFOLDERFILE

Example: MYFOLDERFILE=RESPECT/DEFINES,RIS/API/FDM/FUNC

Purpose: This is a list with file names that are added to 'My Folder'

Default: Not defined

Change: Right click on a file name → Add to My Folder

MYFOLDERPCDIRECTORY

Example: MYFOLDERPCDIRECTORY=ExecServer, INFRA-COS

Purpose: This is a list with names of PC directories that are added to 'My Folder'

Default: Not defined

Change: Right click on the name of a PC directory → Add to My Folder

PCSOURCEDIRECTORY

Example: PCSOURCEDIRECTORY=C:\SURE\EXAMPLE\DEVELOP\PC-SOURCE

Purpose: This option defines the local source directory for PC files. This directory is only used at check-in to compare the previous version of the PC file with the new version.

Default: <install.dir>\<environment-name>\SOURCE

Change: Toolbar: Options → SURE options → Choose environment → Field: PC source files

PCWORKDIRECTORY

Example: PCWORKDIRECTORY=C:\SURE\EXAMPLE\DEVELOP\PC-WORK

Purpose: This option defines the local work directory for PC files. The directory contains PC files that are checked-out (editable) and not checked-out (read only).

Default: <install.dir>\<environment-name>\WORK

Change: Toolbar: Options → SURE options → Choose environment → Field: PC work files

PROJECTDIRECTORY

Example: PROJECTDIRECTORY=C:\SURE\EXAMPLE\DEVELOP\PROJECT

Purpose: This directory is used for project files of NxEdit.

Default: <install.dir>\<environment-name>\PROJECT

Change: Toolbar: Options → SURE options → Choose environment → Field: MCP NxEdit project files

REPLACEIDENTIFIER

Example: REPLACEIDENTIFIER=SIMON

Purpose: This setting defines the last used REPLACE identifier in this environment. If the SURE Replace screen is opened, then this identifier is used to fill the screen with the last used Replace parameters.

Default: The log-on usercode

Change: Toolbar: tools → Replace in SURE → Field: identifier

SOURCEDIRECTORY

Example: SOURCEDIRECTORY=C:\SURE\EXAMPLE\DEVELOP\S

Purpose: This option defines the local source directory for MCP files.

Default: <install.dir>\<environment-name>\SOURCE

Change: Toolbar: Options → SURE options → Choose environment → Field: MCP source files

RECENTFILELIST

Example: RECENTFILELIST=SYSA/PROG/P1,SYSA/PROG/P2,SYSA/COPY/C1

Purpose: This is a list of last edited files. These files are shown when folder 'Last Edited' is opened.

Default: Empty

Change: This list changes automatically when a file is checked out / edited.

WORKDIRECTORY

Example: WORKDIRECTORY=C:\SURE\EXAMPLE\DEVELOP\W

Purpose: This option defines the local work directory for MCP files. The directory contains only files that are checked-out.

Default: <install.dir>\<environment-name>\WORK

Change: Toolbar: Options → SURE options → Choose environment → Field: MCP work file

Sections [<Environment>PCWORKDIRECTORY] and [<Environment>PCSOURCEDIRECTORY]

This section stores alternate source and work directories defined for directories in SURE via menu function "Set work directory".

Example

```
[DEVELOPPCWORKDIRECTORY]  
MySystem\Externals=X:\Elsewhere\Externals
```

will route the work files for all PC files under SURE node MySystem\Externals (recursively) to directory X:\Elsewhere\Externals.

Section [EXE]

This section can be used to override the standard names used for executables of tools used by SURE.

WINZIP

Example: WINZIP=C:\Program Files\Winzip\Winzip32.exe

Purpose: This option defines the Winzip executable

Function 'Add Zip Attachment option to Attachment submenu of file/task' requires that WINZIP is declared in the AW_OBJ.INI file

Default: C:\Program Files\Winzip\Winzip32.exe

Change: Manually in the file

Section [FILEASSOCIATION]

This section defines which method is used when opening files with a specific file extension. It overrides the default Windows behavior when you open a file.

```
[FILEASSOCIATION]
<file extension 1>=<open method 1>
<file extension 2>=<open method 2>
...
```

The SURE Client does the following at functions Edit or View (or open via double click):

- It first checks if a FILEASSOCIATION entry is defined for the file extension. If it is found, the open method defined there is used, see the table below.
- If this is not present then:
 - o If a Windows File Association is defined for the Edit verb, then that verb is used;
 - o otherwise, if a Windows File Association is defined for the Open verb and the file extension is not a known executable or script type (such as EXE, BAT, REG, WSF, JS, CMD, COM, VB, et cetera), then that verb is used;
 - o otherwise, the default editor for PC files, as defined via the SURE options, is used.

<file extension>=<open method>

Example: EXE=NONE
BAT=C:\Windows\notepad.exe

Purpose: This option specifies a specific method to open files with this extension from the SURE Client.

The supported values are: OPEN, EDIT, NONE, SURE, <editor name>

OPEN	Use the Windows File Association's verb 'Open'.
EDIT	Use the Windows File Association's verb 'Edit'.
NONE	Do not open
SURE	Use the default SURE editor for PC files
<editor name>	Start that editor.

Default: Not defined

Change: Manually in the INI file

Section [GLOBAL]

This section contains system wide options for the SURE Client.

BITMAP

Example: BITMAP=companylogo.bmp

Purpose: This option identifies the bitmap (BMP) file that contains the splash screen when you start the SURE Client

Default: surelogo.bmp

Change: Manually in the INI file

DATELONGFORMAT

Example: DATELONGFORMAT=dd-MMM-yyyy

Purpose: This option overrides the Windows regional setting for option 'long date'. Refer to the Windows regional settings (via Control Panel) for the layout syntax.

The long date layout is used on the left hand side of the SURE Browser on lines such as "Delta file" and "Printer output"

Default: The long date format of the current Windows user setting

Change: Toolbar: Options → SURE options → Long date format

DATESHORTFORMAT

Example: DATESHORTFORMAT=dd-MMM-yyyy

Purpose: This option overrides the Windows regional setting for option 'short date'. Refer to the Windows regional settings (via Control Panel) for the layout syntax.

The short date layout is used in a variety of fields and columns in the SURE Browser.

Default: The short date format of the current Windows user setting

Change: Toolbar: Options → SURE options → Short date format

EVENTLOGSERVER

Example: EVENTLOGSERVER=centrallog.mycompany.com

Purpose: This option is only relevant if option MODE=EVENTLOG is used. It defines an alternative computer to which events are written in the event log.

Default: Not defined

Change: Manually in the INI file

EVENTSOURCE

Example: EVENTSOURCE=SURE Example

Purpose: This option is only relevant if option MODE=EVENTLOG is used. It defines an alternative name for the event source used when writing events.

Default: SURE

Change: Manually in the INI file

FTPTRACE

Example: FTPTRACE=CUT

Purpose: This option determines how file transfer activities are logged in the trace file.

The supported values are: CUT, FULL, HEX and OFF

CUT FTP data messages (starting with QDA or qDA) are written in the trace file with truncation after 28 characters. This writes the content of the FTP header in the trace file, but the FTP data (= the source content) not. The result: the trace file does not grow fast in a session with many file transfers, but the FTP protocol is still visible.

FULL The FTP data messages are written in the trace file in 'native format', so no conversion. This option should only be used if a problem with file transfers is suspected and needs to be traced.

HEX The FTP data messages are written in the trace-file in hexadecimal layout. This makes the trace file much longer, but there won't be a problem with 'unreadable' characters. This option is a 'last resort' if even the FULL setting does not reveal the problem.

OFF The FTP messages are not written in the trace file.

Default: CUT

Change: Manually in the INI file

MODE

Example: MODE=MESSAGEBOX

Purpose: This option determines how the SURE Client interacts with the user.

The supported values are: MESSAGEBOX, EVENTLOG or UNATTENDED

MESSAGEBOX This is the normal situation. Error messages are shown in message boxes.

EVENTLOG This setting should be used when the SURE Client is configured as a Batch Server. All error messages are written to the event log, but not shown, and all required dialogs will be filled in automatically with the parameters that are defined in section [BATCH]. This means the program runs without any interaction, but any messages it generates can afterwards be found in the event log.

Optionally the messages can be written in the event log of another computer. See option EVENTLOGSERVER for details. The standard event source name can be overridden, see option EVENTSOURCE for details.

UNATTENDED This setting can be used when the SURE Client is configured as a Batch Server. The SURE Client will run totally unattended with an automatic logon. All error and verification messages are suppressed, and all required dialogs will be filled in automatically with the parameters that are defined in section [BATCH]. This means that any messages generated by the program are lost.

Default: MESSAGEBOX

Change: Manually in the INI file

MSGAUTOOPEN

Example: MSGAUTOOPEN=TRUE

Purpose: This option determines if the message window is opened automatically when a new message arrives.

- If the option is enabled then the message window opens automatically if it is not yet open
- If the option is disabled then the message window remains closed, but the message window icon color changes to green (unread messages).

Default: FALSE

Change: Toolbar: Options → SURE options → Automatically open message window when a message arrives

OLESERVER

Example: OLESERVER=2

Purpose: This option is only required when the SURE Client is configured to act as an SCC provider or when multiple SURE Clients are installed on the same workstation that each require callback actions from external programs. Each of such SURE Clients must have a unique OLE server identification number, to allow external programs to connect to the right SURE Client.

The possible values are: from 1 to 99

The OLE server ID is used by the external Task maintenance screen, by the external RTF Scanner to generate reports, and by the SCC server process when the SURE Client is configured to act as an SCC provider.

If multiple SURE Clients use the same OLESERVER setting, then external processes all connect to the SURE Client that was started last.

The key is not required if there is only one SURE Client installed or no SURE Client requires interaction with external programs.

The OLESERVER setting adds information to the Windows registry, which means that it is required to run the SURE Client once with administrator rights after you define or changed the option, otherwise the option will most likely not be registered (properly) and the OLE callback functionality will not work (properly).

Default: 1

Change: Toolbar: Options → SURE options → OLE server ID

ROAMING

Example: ROAMING=FALSE

Purpose: On virtualized file systems, a quick succession of file status changes may cause some changes to not be executed. The setting ROAMING=TRUE tries to avert this problem by using a different, somewhat slower, succession of calls when changing the status of files. As there are many different ways in which a file system can be virtualized, there is no guarantee this option will actually avert such problems.

Default: FALSE

Change: Manually in the INI file

SCCPROVIDER

Example: SCCPROVIDER=FALSE

Purpose: This option controls whether the SURE Client can act as an SCC provider.

If TRUE, then the SURE Client is set up to act as a source code control provider for other tools (e.g. Visual Studio).

The SCCPROVIDER setting adds information to the Windows registry, which means that it is required to run the SURE Client once with administrator rights after you define or changed the option, otherwise the option will most likely not be registered (properly) and the SCC functionality will not work (properly).

Default: FALSE

Change: Toolbar: Options → SURE options → Act as SCC provider

TIMEFORMAT

Example: TIMEFORMAT=HH:mm:ss

Purpose: This option overrides the Windows regional setting for option 'long time'. Refer to the Windows regional settings (via Control Panel) for the layout syntax.

This time layout is used for a variety of fields and columns in the SURE Browser.

Default: The time format of the current Windows user setting

Change: Toolbar: Options → SURE options → Time format

TITLE

Example: TITLE=SURE for Windows\EXAMPLE

Purpose: This setting defines the display name of the SURE Client in Windows, and is used on dialogs within the SURE Browser.

The title must be unique if there are multiple SURE Client installations on the same workstation, that are to run concurrently, because you cannot start two SURE Clients with the same title.

Default: The program name that is entered during the SURE Client installation

Change: Toolbar: Options → SURE options → Main window title

TRACE

Example: TRACE=C:\SURE\EXAMPLE\TRACE.LOG

Purpose: The trace file is used for testing and debugging. If a trace file is defined then tracing is enabled. All user activities are logged in the trace file, including backend transaction requests and responses.

The content of the trace file is automatically cleared or moved away when the SURE Client is started for the first time on a new day.

Default: Not defined

Change: Toolbar: Options → SURE options → Trace file name

TRACEHISTORY

Example: TRACEHISTORY=3

Purpose: By default the trace file is cleared and not saved at the start of a new day.

This option can be used to save each trace file a number of days. At the start of a new day, the oldest trace history file (in the above case <trace>.3) is removed, the other trace history files are moved back one number (so <trace>.1 is renamed to <trace>.2, etc.), and the current trace file is renamed to <trace>.1.

Default: Not defined

Change: Manually in the INI file

WINDOWS

Example: WINDOWS=11

Purpose: This setting can be used if automatic determination of the Windows version fails. Sometimes, a workstation configuration can be such, that the SURE Client cannot properly determine which Windows version it is running on. In those cases, you can enter this key to help determination.

Default: Not defined

Change: Manually in the INI file

WINDOWTITLE

Example: WINDOWTITLE=TRUE

Purpose: This option determines whether the SURE Client's RFW property screens and dialogs are displayed with the displayed item's key name appended to the title bar.

If TRUE, then the title bar of a screen shows the key data of that screen. For example: if you open the properties screen of a file, then the file name is placed in the screen title.

If FALSE, only the default title is shown, so, for example, all file property screens that are open only display the title "File".

Default: TRUE

Change: Manually in the INI file

Section [INFDB]

This section defines the IP-address of the SURE server, and some fixed communication parameters.

IDENTIFICATION

Example: IDENTIFICATION=127.0.0.1/1234

Purpose: This option defines the host name or IP address of the (virtual) machine where the SURE Server runs, followed by the port number that the SURE Server is listening on. A host name can be used here, but it is possible a host has more than one IPv4 address associated with it. In that case, the first available IP address is used. If this is not the preferred / required one, then the correct IP address should be used instead of the host name.

The identification entered here is also the name of a separate section in the INI file, that contains additional communication parameters for this connection.

See section [<server>/<port>] in this document for details.

Default: INFDB (which is never valid)

Change: This value is entered during installation of the SURE Client and will likely never change. If the SURE Server is moved to another host or port then the new name or IP address has to be changed manually in the INI file. If there are manual settings for this connection in the [<server>/<port>] section that remain the same for the new connection, then this section has to be renamed as well.

FTPBLOCK

Example: FTPBLOCK=14400

Purpose: This value describes the maximum length for a file transfer message. Usually, there is no need to change this setting, but in a few cases, the total amount of data pending on a TCP/IP connection may be limited. In such a case, restricting this setting to a lower number may solve problems that occur with aborting file transfers or non-responsive connections.

Default: 28800

Change: Only change after consulting with ITSforSURE.

IDLETIME

Example: IDLETIME=100

Purpose: This value describes the time in milliseconds between updates of the status screen that is displayed while a file transfer is running. Usually, there is no need to change this setting, but in case of a remote desktop over a slow connection, it may have to be set to longer time to avoid screen update problems.

Default: 100

Change: Manually in the INI file

REMOBJ

Example: REMOBJ=X:\Bin\RemSrcObj.exe

Purpose: ... how to properly describe this ...

Default: Not defined
Change: Manually in the INI file

REMOVE

Example: REMOVE=FALSE
Purpose: Set to TRUE before opening the INFDB connection and removed when it has successfully been opened. This ensures that the contents of the local cached repository is removed on the next startup, if opening the INFDB connection causes SURE to hang or crash.
Default: Not defined
Change: Do not change

RETRY

Example: RETRY=2
Purpose: This value sets the number of times a failing file transfer is retried before it is given up.
Default: 10
Change: Manually in the INI file

WINDOW

Example: WINDOW=4
Purpose: This value describes the number of file transfer messages the SURE Client will send to the SURE Server before blocking waiting for an ACK message. This option may have to be set to 1 if the TCP/IP configuration of the local machine or the network has a very small buffer size, necessitating 1-by-1 send / ack pairs.
Default: 4
Change: Only change after consulting with ITSforSURE.

WINDOWACK

Example: WINDOWACK=2
Purpose: This value describes the number of file transfer messages after which the SURE Client will send an "ACK required" bit, forcing the SURE Server to send an ACK message on successful reception. This option may have to be set to 1 if the TCP/IP configuration of the local machine or the network has a very small buffer size, necessitating 1-by-1 send / ack pairs.
Default: 2
Change: Only change after consulting with ITSforSURE.

XFER

Example: XFER=EMPTY
Purpose: This value controls how the file transfer queue for this connection is handled.

- EMPTY = the pending file transfer queue is cleared
- UNATTENDED = silently delete file transfers that fail from the queue
- FALSE = do not allow any file transfers

Default: Not defined

Change: Manually in the INI file

Section [<server>/<port>]

This section defines some additional connection parameters for the communication interface between the SURE Client and the SURE Server.

The SURE Server connection is identified by the server name or IP address and port number defined via key 'Identification' in section [INFDB]. A SURE Client works with only one SURE Server at a time, but you may have to change the address in the INI file when you move to another location / network, or when the host is (temporarily) moved to another location.

Section [<server>/<port>] is not required. If all settings in this section are equal to their defaults then you can remove this section from the INI file, but it may reappear if the SURE Client needs to record information about this connection.

CONNECTTIMER

Example: CONNECTTIMER=0

Purpose: This option defines the number of seconds that the SURE Client has to wait in case of a connection time out before it tries to reconnect to the SURE Server.

Default: 0

Change: Only change if immediate reconnection causes problems.

IDLE

Example: IDLE=300

Purpose: Some firewalls or routers close a connection automatically when that connection is idle for a while. If that happens then the SURE Client gets a time out on the next transaction to the SURE Server, and will then automatically re-establish the connection.

To prevent this time out from occurring, you can set the SURE Client to automatically resend a "handshake" message after a given idle time, so the connection stays open.

If the connection is lost / interrupted because of another data communication issue during idle time, the next transaction will still time out, and the socket will be closed and re-established anyway.

When this value is set to 0, or not entered, the connection will not be kept open via handshake messages.

Default: 0

Change: Only change if the connection is set to have a connection time out.

PADDING

Example: PADDING=FALSE

Purpose: If TRUE then the SURE Client adds 6 HEX-00 padding bytes behind each message that is sent to the server. Although this setting should not be required on any modern connection, it is safer to leave it as is, because it provides one more communication fault recovery option for the SURE Server.

Default: TRUE

Change: Do not change

SECURE

Example: SECURE=TRUE

Purpose: Setting this option to TRUE will change the socket connection type to SSL (Secure Socket Layer). This requires the SURE Server to also use a secure socket, and this mechanism to be properly set up at a network level.

... more needed? ...

Default: FALSE

Change: Only to be changed to TRUE after the process of configuring secure sockets on server and client machines has been completed

Section [LOADCPNX]

This section contains the parameters of the last time that function “Tools → MCP environment → Load files in SURE” was used. Some of the keys are used to pre-fill the screen when the function is used again.

Screen Tools → MCP environment → Load files in SURE:

FILETYPE

Example: FILETYPE=DOCUMENT

Purpose: This key identifies the file type that was used at the last load. The file type is linked to all loaded files

Default: Not defined

Change: Field 'File type' on screen 'Load MCP directory'.

PROJECTNAME

Example: PROJECTNAME=BASE

Purpose: This key identifies the project name that was used at the last load.

Default: Not defined

Change: Field 'Project' on screen 'Load MCP directory'.

RELOAD

Example: RELOAD=1

Purpose: This key identifies the load method.

The following values are possible:

1. Load only new files
2. Reload only existing files and keep the attributes the same
3. Reload only existing files and modify the attributes
4. Load all files and keep the attributes of the existing files
5. Load all files and modify the attributes of the existing files

This value in the INI file is used to pre-fill field 'Load option' of screen 'Load MCP directory' when the load function is used again.

Default: Not defined

Change: Field 'Directory' of screen 'Load PC directory'.

REMOVEFILES

Example: REMOVEFILES=Y

Purpose: If TRUE, the files are removed from disk after they are loaded in SURE.

This value in the INI file is used to pre-fill field 'Remove files after load' on screen 'Load MCP directory' when the load function is used again.

Default: FALSE

Change: Field 'Remove files after load' on screen 'Load MCP directory'.

Section [LOADPC]

<screen shot>

FORMAT

PATH

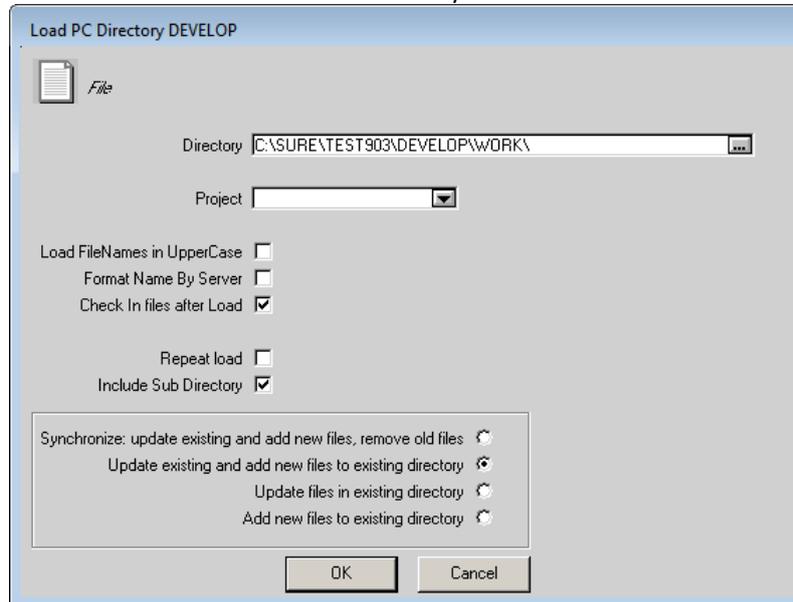
SAVE

UPPER

Section [LOADPCDIR]

This section contains the parameters of the last time that function “Tools → PC environment → Load directory of files in SURE” was used. Some of the keys are used to pre-fill the screen when the function is used again.

Screen Tools → PC environment → Load directory of files in SURE:



MODIFYNAMEBYSERVER

Example: MODIFYNAMEBYSERVER=N

Purpose: If Y, then the filenames of the loaded files are changed to camel caps layout: the first character of each node in uppercase and the rest of the node in lowercase. For example: Dir1\Subdir2\Abc.txt

If N, then the filenames of the loaded files are not changed to camel caps layout.

This value in the INI file is used to pre-fill field ‘Format name by server’ on screen ‘Load PC directory’ when the load function is used again.

Default: N (no)

Change: Field ‘Format name by server’ on screen ‘Load PC directory’.

LOADDIRNAME

Example: LOADDIRNAME=C:\SURE\EXAMPLE\DEVELOP\WORK\TestLoad2

Purpose: This key identifies the last directory that was loaded

Default: Not defined

Change: Field ‘Directory’ on screen ‘Load PC directory’.

LOADREPEAT

Example: LOADREPEAT=N

Purpose: If Y, then screen ‘Load PC directory’ is shown again at the end of the function.

This value in the INI file is used to pre-fill field ‘Repeat Load’ on screen ‘Load PC

directory'' when the load function is used again.

Default: N (no)

Change: Field 'Repeat Load' on screen 'Load PC directory'.

LOADSAVE

Example: LOADSAVE=Y

Purpose: If N, then the loaded files are entered in SURE, but remain checked-out. The user has to check them in at a later (more convenient) moment.

If Y, then the loaded files are entered in SURE and immediately checked-in.

This value in the INI file is used to pre-fill field 'Check-in files after load' on screen 'Load PC directory' when the load function is used again.

Default: Y (yes)

Change: Field 'Check-in files after load' on screen 'Load PC directory'.

LOADUPPER

Example: LOADUPPER=N

Purpose: If Y, then the filenames of the loaded files are translated to uppercase.

If N, then the filenames of the loaded files are not translated to uppercase.

This value in the INI file is used to pre-fill field 'Load filenames in uppercase' on screen 'Load PC directory' when the load function is used again.

Default: N (no)

Change: Field 'Load filenames in uppercase' on screen 'Load PC directory'.

PROJECTNAME

Example: PROJECTNAME=<project>

Purpose: This key identifies the project name that was used at the last load.

Default: Not defined

Change: Field 'Project' on screen 'Load PC directory'.

Section [MARGIN]

This section contains margin- and font-settings for the printer.

AUTOSIZE

Example: AUTOSIZE=0

Purpose: The print margins are determined automatically (default)

Change: Toolbar: File → Print Margin

BOTTOM**TOP****LEFT****RIGHT**

Example: LEFT=150
TOP=150
RIGHT=100
BOTTOM=150

Purpose: The print margins

Change: Toolbar: File → Print Margin

FONT**HEIGHT****WIDTH****QUALITY****PITCHANDFAMILY**

Default: FONT=MS Sans Serif
HEIGHT=16
WIDTH=0
QUALITY=1
PITCHANDFAMILY=34

Purpose: These options define the font and the font size.

Change: Toolbar: File → Print Font

Section [NXEDIT]

This section makes it possible to use NxEdit remotely.

When Sure invokes NxEdit it only ends the first node of the hostname to NxEdit (e.g. DEVHOST). That works all right if you are connected to the LAN. But if you are working remotely then that is not adequate, because it then needs the full IP address: (e.g. DEVHOST.ITSFORSURE.NL)

<Hostname>=<rerouted hostname>

Example: DEVHOST=DEVHOST.ITSFORSURE.NL

Purpose: SURE assigns the rerouted hostname to NxEdit instead of the normal hostname. This method can be used by remote workers.

Default: Not defined

Change: Manually in the INI file

TEMPLATE

Example: TEMPLATE=....

Purpose: (define a template file)

Default: Not defined

Change: Manually in the INI file

Section [ODT]

This section is used to pre-fill the ODT-screen (Toolbar: tools → MCP environment → ODT) with the last used ODT command. Only authorized users are allowed to use the ODT function.

ODTCMD

Example: ODTCMD=AA SORT CPURATE

Purpose: This setting contains the last used ODT command

Default: Not defined

Change: Toolbar: tools → MCP environment → ODT

Section [ODTEMB]

This section is used to pre-fill the second ODT-screen with the last used embedded ODT command. Only authorized users are allowed to use the ODT function.

The second ODT screen is just a handy feature. You can use an embedded ODT command to keep the command on the first ODT screen unchanged. Use button [ODT] on the first ODT response screen, to access the second ODT screen

ODTCMD

Example: ODTCMD=MSG

Purpose: This setting contains the last used ODT command on the embedded ODT screen

Default: Not defined

Change: Toolbar: tools → MCP environment → ODT

On the ODT response screen: button [ODT]

Section [OPENWITH]

This section describes alternative editors that you can use to open a file. Each line in the section defines an entry in menu 'Open With' (right click on a file name → Open with)

<Open-with-entry>

Example: Notepad++=C:\Program Files (x86)\Notepad++\notepad++.exe

Purpose: An 'Open With' entry points to an editor and has the following layout:
<Description>=<editor-name>

<description> = the text that is shown in menu 'Open With'

<editor-name> = the name of the editor

In the above example:

- <description> = Notepad++
- <editor-name> = C:\Program Files (x86)\Notepad++\notepad++.exe

Default: Entries for WordPad, Notepad and NxEEdit

Change: Right click on a file → Open With → Choose another app

Section [QUERYHISTORY<environment>]

This section defines the contents of the Query list of an Environment in the SURE Browser.

MRU=<index>,...
<index>=<query parameters>

Section [RELATE]

ACTION

ASSET

CLASS

OBJECT

Sections [REPORT_<name>]

A report section describes a report function:

- The report input parameters
- The selection processing method
- The name of the RTF file that does the processing

The content of predefined report sections is determined by ITSforSURE and should not be changed.

A user can define site specific report sections (with names that are not recognized by the SFW installer), and these site-specific report sections will remain unharmed when SFW is re-installed.

Example:

```
[REPORT_CUSTOM]
SELECT=NONE
STEP1=INPUT: ByStatus, STATUS, Task status; DateFrom, DATE, Date from
STEP2=RTF: C:\SURE\REND\RIS\RTF\TaskByQuery.rtf
```

SELECT

Example: SELECT=NONE

Purpose: This option determines if and how the current selected items in the SURE browser are used. The supported values are NONE, GROUP and EACH.

NONE: Indicates that the report does not use the browser's current selection (so, the input must come from a macro or query); each command step will be executed once

GROUP: Groups the browser's current selection and runs the command steps once with this group of nodes as input

EACH: Runs all command steps (from STEP1 to STEPn) for each of the browser's selected nodes.

Default: EACH

STEP1 to STEPn

Example: STEP1=INPUT: ByStatus, STATUS, Task status; DateFrom, DATE, Date from
STEP2=RTF: C:\SURE\REND\RIS\RTF\TaskByQuery.rtf

Purpose: Command steps must be defined in the order in which they have to be processed, and will be run one time or once per node in the browser's current selection, depending on the value of SELECT. The supported values are INPUT, MACRO, METHOD and RTF

INPUT:<parameter>; This command step goes together with SELECT=NONE
Shows an input screen where selection parameters can be entered. It is possible to define multiple parameters. Each selection parameter has the following syntax:

<technical name>,<type>,<description>;

<Technical name> is the internal name of the item in the SURE browser; the value chosen or typed in the input dialog will be stored in the datamap under this name.

<Type> can be DATE, BOOLEAN, or any type in SURE. DATE results in a calendar button on the input screen; BOOLEAN results in a check box and SURE-type results in a drop-down

	menu.
	<Description> is the name of the parameter on the screen.
	Each parameter must be terminated with a semicolon.
MACRO:<macro-name>	This command step goes together with SELECT=NONE Runs a predefined macro. Macro input variables are processed beforehand, which might result in an input dialog before the macro is run
METHOD:<method name>,<object name>	Starts a method-for-object. The input format of the method will not be shown prior to the call, and the output format will not be shown when the method finishes.
RTF:<report file name>	This is the last command step. It defines the RTF-file that must be interpreted.

Section [SCCASSOCIATES]

This section is only relevant when SFW is used as SCC provider

Some of the SCC interfaces require intelligence for associated files.

For example, Microsoft Visual Basic can contain FRM files in the project file, but each FRM file can have an FRX file associated with it, containing binary data that cannot be stored in the FRM file. This FRX file is maintained without being visible to the user from within the Visual Basic development environment. But Visual Basic does require the SCC provider to correctly handle the FRX files even if only the FRM file is specified in an SCC request.

For this reason, file extension associations can be defined, so that the SCC interface can automatically handle these "hidden" files.

For each extension that has one or more associated extensions, enter the main extension as a key, and the associated extensions, comma separated, as its value.

Example:

```
[SCCASSOCIATES]
FRM=FRX
CTL=CTX
```

Section [SINCE]

<macroname>=<timestamp>

Time macro was last run, for parameter #SINCE

Section [SITEHELP]

This section contains site specific help functions. Each line in the section defines an entry in menu 'Help', and points to a help file:

```
[SITEHELP]  
<Help-entry>  
<Help-entry>
```

Refer to section [SUREHELP] for detailed information about these help entries.

Section [SITEREPORT]

This section contains site specific report functions. Each line in the section defines an entry in menu 'Reports', and represents a report function:

```
[SITEREPORT]
<Report-entry>
<Report-entry>
```

Refer to section [SUREREPORT] for detailed information about these report entries.

Section [STATUS]

This section contains parameters to inquire the status of programs that run on the MCP under the usercode of the user.

The status command (inquiry only) is executed as follows:

- Toolbar: tools → MCP environment → Status
- Folder SURE server → Status mix <usercode>

MAXAA

Example: MAXAA=30

Purpose: The maximum number of active programs that the status command returns

Default: 30

Change: Manually in the INI file

MAXC

Example: MAXC=5

Purpose: The maximum number of completed programs that the status command returns

Default: 5

Change: Manually in the INI file

MAXMSG

Example: MAXMSG=10

Purpose: The maximum number of recent messages that the status command returns

Default: 10

Change: Manually in the INI file

MAXS

Example: MAXS=30

Purpose: The maximum number of scheduled programs that the status command returns

Default: 30

Change: Manually in the INI file

MAXW

Example: MAXW=30

Purpose: The maximum number of waiting programs that the status command returns

Default: 30

Change: Manually in the INI file

Section [SURE]

This section contains the global options of the SURE browser

AFILEATTRIBUTES

Example: AFILEATTRIBUTES=4097

Purpose: This option determines which attributes/columns are shown when you drag a directory with MCP files (a sub-directory of SURE server <hostname>) to a right pane.

The number defines the bits that are active. Each bit represents an MCP file attribute.

Default: Not defined

Change: Toolbar: Options → Attributes → MCP Files

AFILENUMBERENTRIES

AFILENUMBERENTRIESMAXIMUM

Example: AFILENUMBERENTRIES=37
AFILENUMBERENTRIESMAXIMUM=Y

Purpose: These options determine how many filenames have to be loaded in the SURE browser as a minimum when an MCP-directory (in folder 'SURE server <hostname>') is opened.

If AFILENUMBERENTRIESMAXIMUM=Y then all files of the (sub) directory are shown, otherwise at least the number that is specified by AFILENUMBERENTRIES

Most of the times you want to see all files. But in the case of a very large directory it may be handy when you see only the first page with filenames.

Default: MAXIMUM=N
Number of entries = 24

Change: Toolbar: Options → Number entries → MCP Files

AS_COMP

Example: AS_COMP=EXTERNAL

Purpose: This option determines how a local compilation is started from the SURE Client.

EXTERNAL: the local compile runs as an independent process. This process connects to the SURE Client via de OLE ID. You see the status of the compilation in the Windows taskbar.

INTERNAL: the local compile runs as an internal process. No OLE ID is required, but you don't see the status of the compilation in the Windows taskbar.

Default: INTERNAL

Change: Manually in the INI file

ATTACHMENT

Example: ATTACHMENT=UNZIPPED

Purpose: A task can have an attachment. By default, this attachment is compressed before it is loaded in the repository, and decompressed when it is downloaded to the PC.

Compressing and decompressing happens on the PC and is done by the SURE client

interface.

In the case of a site-specific email function, the attachment is not downloaded by SURE to the PC, but only copied to disk on the CP/NX where it is passed to the site-email-function. In this case SURE cannot decompress the attachment. This requires that the attachment is stored in the repository in an uncompressed format.

This option can be used if you want to send (unzipped) attachments with an email via a site-specific email function.

Default: Not defined

Change: Manually in the INI file

BAKFILES

Example: BAKFILES=FALSE

Purpose: This option determines whether a file in the local work directory is copied as a BAK file when that file is checked out.

If TRUE, then BAK files are created

Default: FALSE

Change: Toolbar: Options → SURE options → Create BAK files

BOTTOM

TOP

LEFT

RIGHT

Example: LEFT=0
TOP=0
RIGHT=1777
BOTTOM=599

Purpose: The position of the left, top, right and bottom margins of the SfW window, relative to the left-hand side and the top of the monitor.

Change: These numbers change automatically when the SfW window is dragged to another place on the monitor, or when the size of the SfW window changes.

CHECKOUTOVERWRITE

Example: CHECKOUTOVERWRITE=TRUE

Purpose: This option controls field 'Overwrite existing file' on the check-out screen.

FALSE will set the 'Overwrite existing file' checkbox to unchecked if a locally modified file is checked out, preventing it from being overwritten by accident.

Manually setting this option to TRUE will set the checkbox to checked in this case, meaning the local file will be overwritten unless the user clears the checkbox.

Default: FALSE

Change: Manually in the INI file

CHECKOUTREMINDER

Example: CHECKOUTREMINDER=TRUE

Purpose: This option shows the reminder of a file on a pop-up screen, each time when that file is checked out.

On multi-file checkout, the Reminder of each file is shown, and continuation of the checkout process is blocked until the Reminder is closed or set aside.

Default: Not defined

Change: Manually in the INI file

COPY-PREFIX

Example: COPY-PREFIX=COPYOUT/

Purpose: Files that are copied from SURE to disk through function Copy in the SURE browser will get prefixed with this path or name part.

Default: Not defined

Change: Manually in the INI file

DIFF

Example: DIFF=C:\SURE\EXAMPLE\RIS\BIN\WINMERGE.EXE

Purpose: This option determines the name of the Compare tool.

Default: <install.dir>\RIS\BIN\WINMERGE.EXE

Change: Toolbar: Options → SURE options → Compare Files

DOWNLOAD

Example: DIFF=C:\SURE\EXAMPLE\TEMP

Purpose: This option determines the name of download directory. Upload/Download MCP files (in the subfolders of SURE server <hostnames>) are copied from and to this directory

Default: <install.dir>\TEMP

Change: Toolbar: Options → SURE options → Download directory

DRAGnnn

See RESTOREnnn

EDIT

Example: EDIT= C:\Program Files\MEW\MEW32.exe

Purpose: This option determines the name of the PC editor to edit MCP files.

Default: Notepad.exe

Change: Toolbar: Options → SURE options → Field: Edit MCP files

FILEATTRIBUTES

Example: FILEATTRIBUTES=000000000010001000000000000010010

Purpose: This option determines which file attributes are shown as columns in a right pane of the SURE Browser when you drag a directory, file list or a Macro or Query with files to it.

Each 1 bit in the binary string represents a file attribute being shown as a column.

Default: Not defined

Change: Toolbar: Options → Attributes → Files

FILEEDIT

Example: FILEEDIT=TRUE

Purpose: This option determines if a double click on a filename opens the file properties screen or opens the file in an editor.

If TRUE, then a double click on a file name starts the editor.

If FALSE, then a double click on a file shows the File properties screen.

Default: FALSE

Change: Toolbar: Options → SURE options → Double click on file name starts editor

FILENUMBERENTRIES

FILENUMBERENTRIESMAXIMUM

Example: FILENUMBERENTRIES=37
FILENUMBERENTRIESMAXIMUM=Y

Purpose: These options determine how many filenames have to be loaded in the SURE browser as a minimum when folder File (MCP) or Files (PC) or a subfolder of these two folders is opened.

If FILENUMBERENTRIESMAXIMUM=Y then all files of the (sub) folder are shown, otherwise at least the number that is specified by FILENUMBERENTRIES

Most of the times you want to see all files. But in the case of a very large directory it may be handy when you see only the first page with filenames

Default: MAXIMUM=N
Number of entries = 24

Change: Toolbar: Options → Number entries → Files

<Folder name>=HIDDEN

Example: Files(PC)=HIDDEN

Purpose: This option determines that a folder on the left-hand side of the SURE Browser is hidden.

Default: Not defined

Change: Right click on a folder on the left-hand side → Hide

FINDENVIRONMENT

Example: FINDENVIRONMENT=DEVELOP

Purpose: This setting caches the environment where the last SURE Find was done.

Default: Not defined

Change: Toolbar: Tools → Find in SURE → Field: environment

You can always remove this setting from the INI file. It will automatically be re-established if necessary.

ICONIZED

Example: `ICONIZED=TRUE`

Purpose: This option defines that SfW starts minimized in the Windows System Tray.

In general, it is unwise to use the SfW GUI while batch processes use SfW at the same time, as these online and batch processes may interfere with each other. Examples of batch processes are: SfW as CVS server; SfW as SCC provider; SfW as build server; et cetera.

To keep the SURE browser available while a batch process is busy, a special browser mode has been introduced. In this “iconized” mode the SfW GUI will not be visible, but a System Tray icon (**SURE**) will be visible indicating that SfW is running. The System Tray is visible on the Windows Task Bar.

If the SfW GUI has to be used frequently, and concurrently with a batch process (such as processing CVS-commands), then the recommended work method is to install SfW two times:

- One time as user interface with option `ICONIZED=FALSE`
- One time as batch interface with option `ICONIZED=TRUE`

The advantage of SfW running in the System Tray is that the user won't click on the batch version of SfW by accident (which may cause unpredictable results).

Default: `FALSE`

Change: Manually in the INI file

LASTCHANGEDNUMBERENTRIES**LASTCHANGEDNUMBERENTRIESMAXIMUM**

Example: `LASTCHANGEDNUMBERENTRIES=3`
`LASTCHANGEDNUMBERENTRIESMAXIMUM=N`

Purpose: These options determine how many filenames have to be kept in list of Last Edited Files.

If `LASTCHANGEDNUMBERENTRIESMAXIMUM=Y` then the list is not maximized, otherwise the list is maximized to `LASTCHANGEDNUMBERENTRIES`

The default (low) settings are recommended, because a large list with Last Edited Files becomes irrelevant, and has negative impact on the performance.

Default: `MAXIMUM=N`
 Number of entries = 3

Change: Toolbar: Options → Number entries → Last Edited

LOCALEDITENABLED

Example: `LOCALEDITENABLED=Y`

Purpose: This option is only applicable to MCP files. It caches the value of the field “Local editing enabled” in the Checkout dialog.

If True, then the previous check out of an MCP file was with “Local editing enabled” on, so the source was copied to the Local Work Directory.

If False, then the previous check out of an MCP file was with “Local editing enabled” off, so the source was placed on an MCP pack and changed via Cande or NxEEdit or System/Editor.

Default: FALSE

Change: Function Check-Out of an MCP file → Field: Local Editing / Enabled

LOCEDIT LOPCEDIT

Example: LOCEDIT=Y

Purpose: Option LOCEDIT is applicable to MCP files, option LOPCEDIT is applicable to PC files. These options cache the value of the field "Edit/Open the file after CheckOut" in the CheckOut dialog.

If True, then the work file is loaded in the local editor after it is checked out.

Default: FALSE

Change: Function Check-Out → Field: Local editing / Edit/Open the file after CheckOut

LOGOFF

Example: LOGOFF=TRUE

Purpose: Send a Logoff transaction on exit, to clean up temporary storage at the SURE server.

Default: FALSE

Change: Manually in the INI file.

LOGONENV

Example: LOGONENV=<environment>

Purpose: This option only works when a logon profile is active, see option LOGONPROFILE. This option restricts the SURE Browser to a single environment.

Default: Not defined

Change: Logon screen → Field: '...'

LOGONPROFILE

Example: LOGONPROFILE=PROJLEADER

Purpose: This option determines the role based layout of the SURE browser, if one such role is selected in the logon screen.

DEV	Layout for role 'Development MCP'
DEVPC	Layout for role 'Development PC/UNIX'
OPERATIONS	Layout for role 'Operations'
PROJLEADER	Layout for role 'Project leader'
SECURITY	Layout for role 'Security Administrator'
SUPPORT	Layout for role 'Support'
TASKASSIGN	Layout for role 'Task routing'
TASKENTRY	Layout for role 'Help Desk'
TEST	Layout for role 'Test'

Default: Not defined

Change: Log-on screen → Radio button in block 'Modify SURE layout according to role'

LOGONTEAM

Example: LOGONTEAM=<team name>

Purpose: This option only works when a logon profile is active, see option LOGONPROFILE.

If this option is used, the folder "Teams and Members" is hidden, and the defined team name is visible as an extra folder on the left-hand side of the SURE browser. It is an easy method to have a list with team members available. You can assign a task to a team member by dragging and dropping the task on the team member.

Default: Not defined

Change: Log-on screen → Field: 'For team'

MACRONUMBERENTRIES**MACRONUMBERENTRIESMAXIMUM**

Example: MACRONUMBERENTRIES=37
MACRONUMBERENTRIESMAXIMUM=Y

Purpose: These options determine how many files or tasks have to be loaded in the SURE browser as a minimum when a Macro folder is opened.

If MACRONUMBERENTRIESMAXIMUM=Y then all tasks of the Macro folder are shown, otherwise at least the number that is specified by MACRONUMBERENTRIES

Most of the times you want to see all files or tasks. But in the case of a very large directory it may be handy when you see only the first page with task names

Default: MAXIMUM=N
Number of entries = 22

Change: Toolbar: Options → Number entries → Macros

MULTIPLEFORM

Example: MULTIPLEFORM=TRUE

Purpose: This boolean option determines if multiple task- or file-property screens can be opened simultaneously.

If TRUE, then multiple screens can be opened simultaneously.

If FALSE, then opening a second screen automatically closes the previous one.

Default: TRUE

Change: Toolbar: Options → Multiple forms

PCEDIT

Example: PCEDIT= C:\Program Files\MEW\MEW32.exe

Purpose: This option determines the default PC editor to edit PC files. This default PC editor is only used if there is no editor is associated to the file extension (via Windows Default Programs).

Default: Notepad.exe

Change: Toolbar: Options → SURE options → Edit PC files

REMINDER
TYPED REMINDER

REPLACEENVIRONMENT

Example: REPLACEENVIRONMENT=DEVELOP

Purpose: This setting caches the environment where the last SURE Replace was done.

Default: Not defined

Change: Toolbar: Tools → Replace in SURE → Field: environment

You can always remove this setting from the INI file. It will automatically be re-established if necessary.

RESTORE

Example: RESTORE=TRUE

Purpose: This option determines if SURE Browser must restore the content of the browser window when the program is started.

If TRUE, then the folders that were open at the end of the previous session will be reopened.

If FALSE, then the window opens with only the list of base nodes.

Default: TRUE

Change: Toolbar: Options → Restore content

DRAGnnn

RESTOREnnn

Example: DRAG001=000,Environment
 RESTORE001=000,

Purpose: These options define how the SURE Browser refreshes the right panes after startup.

If option Toolbar: options → 'Restore contents' is enabled, then SfW saves and restores the content of the browser and the right panes at stop and start.

Change: These settings change automatically based on the current content of the screens and panes. They should not be entered or modified manually, due to their specific formatting.

You can always remove these settings from the INI file. They will automatically be re-established if option 'Restore contents' is enabled.

SHOWHIDDEN

Example: SHOWHIDDEN=FALSE

Purpose: This option determines if folders on the left-hand side that are marked with 'hide' are really hidden or shown.

If FALSE, then the folders that are marked with 'hide' are not shown.

If TRUE, then the folders that are marked with 'hide' are shown.

Default: FALSE

Change: Toolbar: Options → Show hidden folders

SHOWREMOVEDFILES

Example: `SHOWREMOVEDFILES=FALSE`

Purpose: This option determines if files that are logically removed are show in the lists of files under directory nodes in the browser.

If FALSE, then removed files are not shown.

If TRUE, then removed files are shown with the "Recycle Bin" icon.

Default: FALSE

Change: Toolbar: Options → Show removed files

SHOWINWORD**SHOWPRINTER**

Example: `SHOWINWORD=Y`
`SHOWPRINTER=N`

Purpose: These options determine the preferred destination for an RTF Report function.

If SHOWPRINTER=Y, then the print output is sent to a printer

If SHOWINWORD=Y, then the output is loaded in a Word document (where it can be verified and then printed)

Default: Not defined

Change: The options are created when an RTF Report function is started for the first time via Toolbar: Reports. The preferred destination must be entered on an intermediate dialog.

You can always remove these settings from the INI file. They will automatically be re-established if necessary.

SPLITX**SPLITYnn**

Example: `SPLITX=937`
`SPLITY01=320`

Purpose: These options determine the positions of the separators between the left-hand side of the SFW window and the right panes:

`SPLITX` = the position of the vertical bar

`SPLITY` = the position of the horizontal bar

Default: Not defined

Change: The options are created when a right pane is created for the first time via option Toolbar: Window → New

The numbers change automatically when the vertical or horizontal separators are moved

TASKMAINT**TASKADD****TASKUPD**

Example: `TASKMAINT=EXTERNAL`
`TASKADD=C:\SURE\EXAMPLE\RIS\BIN\TaskMnt.exe /O <OLEID> /A`
`TASKUPD=C:\SURE\EXAMPLE\RIS\BIN\TaskMnt.exe /O <OLEID> /U <task name>`

Purpose: These options determine how tasks are being maintained in the SURE Client.

TASKMAINT=OBJECT will show the internal RFW representation of a task, with the modification options associated with this representation. This setting is advised against.

TASKMAINT=DIALOG will show a SURE dialog to add a new task or maintain the properties of an existing task.

TASKMAINT=EXTERNAL will start an external executable for task maintenance. This task maintenance tool can be custom made. For a new task entry, the command line in TASKADD is executed. For an existing task, the command line in TASKUPD is executed.

The external task tool that is provided with the SURE installation connects back to the SURE Client to retrieve task data via OLE, the OLE ID provided in the parameter /O <OLEID>. The parameter /A indicates the tool is started in Add mode, /U <task name> indicates it is started in Update mode for task <task name>

Default: TASKMAINT=DIALOG

Change: Manually in the INI file

TASKATTRIBUTES TASKATTRIBUTESEX

Example: TASKATTRIBUTES=00000000010000000000010100000000

Purpose: These options determine which task attributes are shown as columns in a right pane of the SURE Browser when you drag a list of tasks or a Macro or Query with task names to it.

Each 1 bit in the binary string represents a task attribute being shown as a column, the first 32 are stored in TASKATTRIBUTES, the remainder in TASKATTRIBUTESEX.

Default: Not defined

Change: Toolbar: Options → Attributes → Tasks

TASKNUMBERENTRIES TASKNUMBERENTRIESMAXIMUM

Example: TASKNUMBERENTRIES=37
TASKNUMBERENTRIESMAXIMUM=Y

Purpose: These options determine how many tasks have to be loaded in the SURE browser as a minimum when a Task Life Cycle folder is opened.

If TASKNUMBERENTRIESMAXIMUM=Y then all tasks of the Life Cycle folder are shown, otherwise at least the number that is specified by TASKNUMBERENTRIES

Most of the times you want to see all tasks. But in the case of a very large directory it may be handy when you see only the first page with task names

Default: MAXIMUM=N
Number of entries = 24

Change: Toolbar: Options → Number entries → Tasks

TOPMOST

Example: TOPMOST=FALSE

Purpose: This option determines if the SURE Browser window is always on top (visible above all other windows).

If TRUE, then the SURE Browser window is always on top

Default: FALSE
 Change: Toolbar: Options → Topmost

USERATTRIBUTES

Example: USERATTRIBUTES=000000000000000000000000000011011

Purpose: This option determines which user attributes are shown as columns in a right pane of the SURE Browser when you drag a list of users or a Macro or Query with users to it.

Each 1 bit in the binary string represents a user attribute being shown as a column.

Default: Not defined

Change: Toolbar: Options → Attributes → User

USERCODE

Example: USERCODE=<user-id>

Purpose: This option keeps the last user-id that was used to log on. That user-id is prefilled on the log-on screen at the next start of SFW.

Default: Not defined. In that case the Windows-account is prefilled on the log-on screen.

Change: Log-on screen

VAR2 VAR3 VAR4 VAR5

Example: VAR2=<encrypted credential>

Purpose: These options keep the last used credentials in encrypted layout. VAR2 to VAR5 refer to credential fields 2 to 5 on the log on screen.

The credentials are saved in the INI file if option 'Save these credentials' is enabled on the log on screen, and it makes an automatic log on possible. This is an important feature for build servers, because with this option the build server can be scheduled to start automatically and unattended.

Default: Not defined.

Change: Log-on screen → Option Save these credentials

VERIFYLOGOFF

Example: VERIFYLOGOFF=FALSE

Purpose: This option determines if the log-off verification screen is shown when the SURE Client is closed.

If FALSE, then the SURE Client shuts down without asking for verification.

Default: TRUE

Change: Manually in the INI file

WINDOWS

Example: `WINDOWS=1`

Purpose: This option determines the number of right panes

Default: `0`

Change: Toolbar: Window → New

Section [SUREHELP]

This section contains predefined help functions. Each line in the section defines an entry in menu 'Help', and points to a help file:

```
[SUREHELP]
<Help-entry>
<Help-entry>
```

The content of section [SUREHELP] is determined by ITSforSURE and should not be changed.

A user can define site specific help entries via section [SITEHELP]. This section remains unharmed when Sfw is re-installed.

<Help-entry>

Example: SURE manual=C:\SURE\REND\RIS\HELP\SURE.PDF

Purpose: A help entry points to a help file and has one of the following layouts:

```
<Description>=<file-name>
<Description>=<URL>
```

<description> = the text that is shown in the Help menu

<file name> = the name of the help file

<URL> = a http link to the help file

In the above example:

- <description> = SURE manual
- <file name> = C:\SURE\REND\RIS\HELP\SURE.PDF

Section [SURELEFT]

Sections [SURE00] .. [SUREnn]

These sections contain border, font and refresh settings for the SfW browser.

Section [SURELEFT] contains border, font and refresh settings for the left-hand side of the SfW GUI. Sections [SURE00] to [SUREnn] contain border, font and refresh settings for the right panes. These sections appear in the INI file, when necessary, if right panes are opened.

<Column name>=<width>

Example: Maintenance=14

Purpose: This setting determines the width for a column with a specific name.

In this example: a column with header 'Maintenance' has width 14

Change: The setting is automatically added when the standard width of a column is changed. Entering these values manually is advised against.

BOTTOM
TOP
LEFT
RIGHT

Example: LEFT=1209
TOP=414
RIGHT=1777
BOTTOM=599

Purpose: The position of the left, top, right and bottom margins of the screen or pane, relative to the left-hand side and the top of the monitor.

Change: These numbers change automatically when the SfW screen is dragged to another place on the monitor, or when the size of the left-hand side of SfW changes, or when the size of a right pane changes.

FONT
HEIGHT
WIDTH
QUALITY
PITCHANDFAMILY

Default: FONT=MS Sans Serif
HEIGHT=16
WIDTH=0
QUALITY=1
PITCHANDFAMILY=34

Purpose: These options define the font and the font size.

Change: You can define different fonts for each part of the SfW-browser: first click on the left-hand side of the browser or on a right pane, followed by Toolbar: Options → Font
The settings for width, quality and pitchandfamily are determined automatically

according to the chosen font and font size.

INITIALIZE_{nnn}
OPENENTRY_{nnn}

Example: INITIALIZE000=Environment,
OPENENTRY000=,

Purpose: These options define how SURE Browser refreshes its main window after startup.

If option Toolbar: options → 'Restore contents' is enabled, then SFW saves and restores the content of the browser and the right panes at stop and start.

Change: These settings change automatically based on the current content of the screens and panes. They should not be entered or modified manually, due to their specific formatting.

You can always remove these settings from the INI file. They will automatically be re-established if option 'Restore contents' is enabled.

QUERYCRITERIA
QUERYEXPANDED
QUERYLASTQUERY

Example: QUERYEXPANDED=Y
QUERYCRITERIA=STATUS(SOLVED)
QUERYLASTQUERY=TASK,,,,,29,0,46,,

Purpose: These options define the query parameters of the last query that was started for a screen or pane. If a new query is started, then these options are used as parameters to pre-fill the query screen:

- QUERYEXPANDED: 'Y' opens the query screen in advanced mode
- QUERYCRITERIA: the content of field 'Advanced Expression'
- QUERYLASTQUERY: the content of the other fields of the query dialog

Change: These settings change automatically based on the last executed query.

You can always remove these settings from the INI file. They will automatically be re-established if a new query is done.

Section [SUREREPORT]

This section contains predefined report functions. Each line in the section defines an entry in menu 'Reports', and represents a report function:

```
[SUREREPORT]
<Report-entry>
SEPn=
<Report-entry>
...
```

The content of section [SUREREPORT] is determined by ITSforSURE and should not be changed.

A user can define site specific report entries via section [SITEREPORT]. This section remains unchanged when SfW is re-installed.

The Reports menu is built by processing [SUREREPORT] and [SITEREPORT] in that order. Key names determine the reports' descriptions and positions of the separators in the menu, and are processed in the order they are defined in the report sections.

<Report-entry>

Example: Task list=[REPORT_GROUPOFTASKS]

Purpose: A report-entry defines a report function and has the following layout:
 <Description>=[<report-section>]

<description> = the text that is shown in menu 'Reports'

<report-section> = the name of a report section in the INI file

In the above example:

- <description> = Task list
- <report section> = REPORT_GROUPOFTASKS

The report section describes:

- The report input parameters
- The selection processing method
- The name of the RTF file that does the processing
- See the explanation of section [<report section>] for detailed information

SEPn

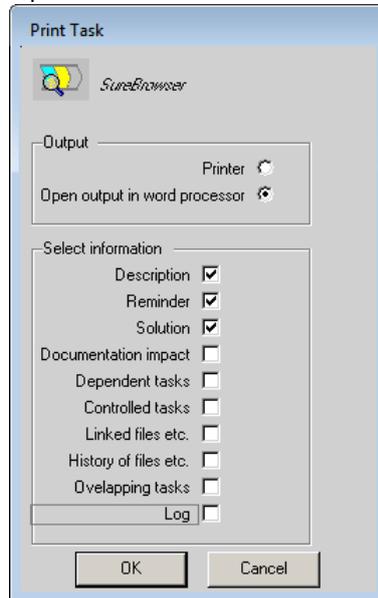
Example: SEP1=

Purpose: This defines a separator line in menu 'Reports'

Section [TASK]

This section contains the parameters of the last time that function “Reports → selected tasks” was used. The keys are used to pre-fill the screen when the function is used again

Screen: Reports → selected tasks:



Key	Field	Purpose
SHOWPRINTER	Printer	Route the output to a printer
SHOWINWORD	Open in Word	Load the output in MS word (and from there it can be printed).
SHOWDESCR	Description	The task overview contains the description of the selected task
SHOWTECH	Reminder	The task overview contains the reminder of the selected task
SHOWSOLUTION	Solution	The task overview contains the solution of the selected task
SHOWDOC	Doc. impact	The task overview contains the documentation impact of the selected task
SHOWDEPENDENT	Dependent tasks	The task overview contains the tasks that are dependent of the selected task
SHOWCONTROLS	Controlling tasks	The task overview contains the tasks that control the selected task (the master tasks)
SHOWLINKED	Linked files	The task overview contains the files that are linked to the selected task
SHOWHISTORY	History of files	The task overview contains the files that are in the history of the selected task.
SHOWOVERLAP	Overlapping tasks	The task overview contains the tasks that overlap with the selected task
SHOWLOG	Log	The task overview contains the log of the selected task

Section [TIMECORRECTION]

This section holds time correction values for the defined server connections.

A server will use its local time to check if a transaction sent to it is “in time”. If there is too big a discrepancy between the time put into transactions by SfW and the server’s local time, the server may reject the transaction.

On first connection, a SfW instance will read the time sent by the server, determine the difference between this time and the local Windows time, and offset the time by this value for all subsequent transactions it sends.

Each key in this section has the form

<server>/<port>=<[-]hh:[-]mm:[-]ss>

These values are only valid during a SfW session. They should not be in the BIN INI file, but will appear in the USER INI file whenever necessary.

Section [UPLOAD]

This section contains the names of the last uploaded files with for each file the Modified timestamp of that file at the moment of the upload. These entries are used to prevent unnecessary uploads.

You can always empty or remove this section.

C:\SURE\EXAMPLE\DEVELOP\WORK\SIMON\PROG\2.C85=20141120154437

C:\SURE\EXAMPLE\DEVELOP\WORK\BA\DASDL\TESTDB.DAS=20150312082952

FILETYPE=<default filetype for upload dialog>

Section [VSSCC]

This section is only relevant when SFW is used as SCC provider.

SIMULATE

Example: `SIMULATE=~*.*;*.vsscc,*.vspcc`

Purpose: This option contains patterns for temporary files created by the IDE when using the SCC interface. By default these files do not need to be archived in SURE. Option SIMULATE defines file-extensions, and will just let SURE simulate the actions for these files. So, files with these file-extensions are not loaded in SURE when SFW is used as SCC provider.

Change: Manually in the INI file

SILENT

Example: `SILENT=*.*`

Purpose: This setting defines 'silent mode' for the SCC interface. If you do not want the standard SURE SCC dialogs, you can set the silent mode.

Change: Manually in the INI file

Obsolete sections

The INI file used to contain a lot more sections in previous versions of the SURE software, that have been made redundant by new developments or because they only contained mandatory default values. In most cases, the presence of such sections in the INI file does not have any impact on the workings of the software. In a few cases though, specifying keys, with a value different from the default one, may cause problems if they are not in a particular combination of keys and values.

Below is a list of the sections and keys that are now obsolete, or should not be specified anymore, and should be deleted from a manually maintained INI file.

[AR_RIS]
 [AR_SURE]
 [BROWSER]
 [BROWSERLEFT]
 [BROWSER00] .. [BROWSERnn]
 [CONFIGURATION]
 [CONNECTION]
 [DATA]
 [DATATEXEDIT]
 [DLL]
 [FONT]
 [HELP]
 [PAGESETUP]
 [POWERBUILDER]
 [SURE BROWSER]
 [SURE: FILE MAINTENANCE]
 [SURE: TASK MAINTENANCE]
 [SUREEXTENSION]
 [TEXT]
 [TEXTFONT]
 [TOOL]
 [TOOLBAR]

[CVS]
 MAXMEM=

[DIRECTORY]
 DLL=
 JSCRIPT=
 SDK=

[GLOBAL]
 BITMAPMENU=
 BROWSER=
 CACHEALLOWED=
 COLOR=
 CONFIGURE=
 CURRDATELONGFORMAT=
 CURRDATESHORTFORMAT=
 CURRTIMEFORMAT=
 CVS=
 DEBUG=
 EDIT=
 JOURNALFILE=
 JOURNALRTANSPORT=
 JOURNALXFER=

PSERVER=
SPOOLFILE=
STATIC=
VERIFY=

[INFDB]
CONTROL=
DATA=
LFI=
SOURCE=
TERMINAL=

[<server>/<port>]
DEBUG=
SYNCTIME=

[SURE]
BITMAPPREFIX=
BITMAPSUFFIX=
EXPANDBROWSE=
MDI=
MODE=
PROF_<name>=
SIZEBITMAP=

New document: aw_obj.ini keys for use by ITSforSURE only

```
[GLOBAL]
ITSFORSURE
SOREBREK
LOGICDEBUG
VERIFY
CONFIGURE (obsolete)
CREATEVSSFILE (obsolete)
[<server/port>]
WORKOFFLINE (fairly obsolete)
[DIRECTORY]
DLL=debug location
[DLL]
Name=debug location
[SURE BROWSER]
SUREBROWSER=FALSE
[AR_SURE] & [AR_RIS]
DLL=debug location
[FONT] (obsolete)
X
Y
[MAIN]
HIDDEN
MINIMIZED
LEFT...
[BROWSER]
<type>NODE (no need to override)
LEFT...
[BROWSERLEFT],[BROWSER00]...
[EXE]
AS_COMP
RTFSCAN
SCCENABLE
DIFF
[CVS]
LOG/TRACE
```