UNICON

Scout Command Interface

Administrator´s Guide SCMD

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0. Legal information

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1. Overview

You can use the Scout Command Interface SCMD to initiate various Scout client management tasks from the command line, for example:

- Add devices or OUs
- Delete devices or OUs
- Add, modify or delete device configurations
- Add, modify or delete application definitions
- Query device data
- Perform Scout commands

Some functions can be performed directly via a command in the command line:"Execute commands directly" on page 5.

Other functions, such as adding configurations, require structured text files that contain the information to be processed: "Execute file processing commands" on page 15.

The program file `scmd.exe` is included in the installation of the Scout Enterprise Management Suite and, after the installation, is located in the program directory of the Scout Enterprise Management Suite.

2. Running the Scout Command Interface

Running SCMD for direct execution of commands

Requires
Some commands require a file containing the data to be processed. This file must be located in the program directory or contain a fully-qualified path.

1. Open the Windows command line and change to the Scout program directory.
2. Enter the following command:
   `scmd -u[ser] Username -p[assword] Password [-d[omain] Domain] Command [Options] [File]`

Running SCMD for execution of file processing commands

Requires
The structured files must be prepared and located in the program directory or specified with a fully-qualified path.

1. Open the Windows command line and change to the Scout program directory.
2. Enter the following command:
   `scmd -u[ser] Username -p[assword] Password [-d[omain] Domain] <file name 1> <file name 2> <file name 3>`
   You can specify any number of files.

   To use pass-through authentication, skip the user specification.

The program SCMD uses the database access data entered during the Scout Enterprise Management Suite installation and a dynamically created user DSN to connect to the Scout database.

For the file processing commands, the files are processed in the order they have been entered. the file names contain wildcards, they are put in alphabetical order.

Showing the version of the Scout Command Interface

1. Open the Windows command line and change to the Scout program directory.
2. Enter the following command: `scmd -v`

Showing help

1. Open the Windows command line and change to the Scout program directory.
2. Enter the command `scmd` without parameters.

The command syntax and optional parameters are displayed.

3. Execute commands directly

Use the Scout Command Interface to directly execute various types of commands such as

- Scout commands for client remote management
- Console communication commands
- Import devices
- Create, rename and delete OUs
- Delete devices

Further functions such as Adding/Modifying configurations are available via the **File processing commands**.

Note
To show the command syntax and optional parameters, run the `scmd` program without parameters.

For all commands, specify the user name, password and domain for logging on to the server, so that a command call is initiated with:

`scmd -u[ser] Username -p[assword] Password [-d[omain] Domain]`

To use pass-through authentication, skip the user specification.

Note
Remember that text files to which you refer must be located in the program directory or specified with a fully-qualified path.

3.1. Importing devices (device profiles)

Devices can be assigned to OUs with their name and MAC address even before they connect to the Scout Server for the first time.

Requires
The devices to be created are listed in a text file in the required structure.

1. Create a text file `File` with the following properties:
   - Each line contains one device with the three properties `MAC address`, `name`, `OU`.
   - Use commas or semicolons as separators between the properties.

   Example:
   ```
   00199985F675,TC-MMI-S920,KA2
    00E0C5422A2E,TC-PRO-t63,FR1
   ```
2. Run the program with the following syntax:

   ```
   scmd -u[ser] Username -p[assword] Password [-d[omain] Domain] -
   import ([-dontcreate] [-dontrename] [-dontmove] [-dontcreateou]) |
   [-createdcgonly] File
   ```

Option	Description
-user -password -domain	required for logon to server
-dontcreate	A device is only imported if it already exists.
-dontrename	If a device already exists with a different name, the device will not be renamed.
-dontmove	If a device already exists in another OU, the device will not be moved.
-dontcreateou	A device is only imported if the specified OU exists.
-createdcgonly	The devices are only created as Dynamic Client Groups.
File	Fully-qualified file name and path of your text file

3.2. Delete and Create commands

Deleting devices

Requires
The devices to be deleted are listed in a text file *File*.
Each line of *File* contains one device specified by the MAC address or host name (optionally including the OU). Example:

```
Device1
Europe/Germany/Karlsruhe/Device2
0018077C413
```

- Run the program with the following syntax::

  ```
  scmd -u[ser] Username -p[assword] Password [-d[omain] Domain] -deletedevices File
  ```

  Alternatively, use the following syntax:

  ```
  scmd -u[ser] Username -p[assword] Password [-d[omain] Domain] -delete -devicelist File
  ```

Deleting OUs

Requires
The OUs to be deleted are listed in a text file *File*.
Each line of *File* contains one OU ID. Example:

```
10
11
12
```

- Run the program with the following syntax:

  ```
  scmd -u[ser] Username -p[assword] Password [-d[omain] Domain] -delete -oulist File
  ```

Renaming OUs

Requires
The OUs to be renamed are listed in a text file *File*.
Each line of *File* contains an OU ID, a comma as separator and the new OU name. Example:

```
302,KA_2
```

- Run the program with the following syntax:

```
scmd -u[ser] Username -p[assword] Password [-d[omain] Domain] -rename
-oulist File
```

Creating OUs

Requires
The OUs to be created are listed in a text file *File*.
Each line of *File* contains an OU ID, a comma as separator and an OU name with path.
Example:
`1000,Europe/Germany/MA`
`0,Europe/Germany/FR` (If OU-ID=`0`, the new ID is created by the system.)

- Run the program with the following syntax:

```
scmd -u[ser] Username -p[assword] Password [-d[omain] Domain] -create
-oulist File
```

To create devices in their infrastructure, import a device list provided in a text file. For further information, see "Importing devices (device profiles)" on page 6.

3.3. Commands for client management

Scout commands for client management are applied to an OU, an individual device or a list of devices. They can be applied at once or scheduled to be run once or periodically.

General options for Scout commands

Scheduling options		
SchedulerSettings	-now	Command is executed at once
	-once -at *Date Time*	Command is executed at once at the time specified
	-every {-day *Day* | -sun | -mon | -tue | -wed | -thu | -fri | -sat} -at *Time*	Command is executed periodically in the time period specified
	The following date and time formats are allowed:	
	Date	`dd.mm.[yy]yy` `mm-dd-[yy]yy`
	Time	`hh:mm[:ss`
	Day	Example: With `15`, the 15th of the month is meant.

Example of a periodically recurring command:
`scmd -sendmsg -msg "Hello" -to /TestOU -every -mon -day 1 15 -at 9:00`

The message is sent every Monday and at the 1st and 15th of every month at 9:00.

Destination options	
-to *FQName*	For *FQName*, the following options are available: • Fully-qualified name of an OU or device Example: `DE/Karlsruhe/KA1` • MAC address of one device Example: `00E0C5422A2E` Specify also the `-mac` parameter! • Text file containing multiple MAC addresses (one MAC address per line) Example: `devices_xy.txt` Specify also the `-list` parameter!
-subous	If you specify an OU as destination (`-to`), the subordinated OUs are included.
-mac	Use this parameter if you specify a MAC address as destination (`-to`).
-list	Use this parameter if you specify a device list (text file) as destination (`-to`).

Send messages

- Run the program with the following syntax:

  `scmd -u[ser] Username -p[assword] Password [-d[omain] Domain] -sendmsg -msg Message [-title Title] -to FQName [-subous] [-mac] [-list] [-visible Seconds] [-deviceswait Milliseconds]` *SchedulerSettings*

Option	Description
-user -password -domain	required for logon to server
-sendmsg	**Send message** command
-title	Text for the message title
-msg	Message text
-to	OU/device, MAC address or text file with multiple MAC addresses (see above)
-visible	Specify a timeout (in seconds) after that the message will be closed.
-deviceswait	Delay (in milliseconds) after execution if more than one device is affected

Restart devices

- Run the program with the following syntax:

  `scmd -u[ser] Username -p[assword] Password [-d[omain] Domain] -reboot -to FQName [-subous] [-mac] [-list] [-informuser [-informtime Seconds]] [-cancancel] [-deviceswait Milliseconds]` *SchedulerSettings*

Option	Description
-reboot	**Restart device** command
-to	OU/device, MAC address or text file with multiple MAC addresses (see above)
-deviceswait	Delay (in milliseconds) after execution if more than one device is affected
-cancancel	The user is allowed to cancel the command.

Switch off devices

- Run the program with the following syntax:

  `scmd -u[ser] Username -p[assword] Password [-d[omain] Domain] -switchoff -to FQName [-subous] [-mac] [-list] [-informuser [-informtime Seconds]] [-cancancel] [-deviceswait Milliseconds]` *SchedulerSettings*

Option	Description
-switchoff	**Switch off** command
-to	OU/device, MAC address or text file with multiple MAC addresses (see above)
-informuser	Inform the user through a message before execution [for the specified time period]
-cancancel	The user is allowed to cancel the command.

Perform firmware updates

- Run the program with the following syntax:

```
scmd -u[ser] Username -p[assword] Password [-d[omain] Domain] -update
-to FQName [-subous] [-mac] [-list] [-format] [-informuser [-
informtime Seconds]] [-cancancel] [-deviceswait Milliseconds] (-now |
-once at Date Time)
```

Option	Description
-update	**Update** command
-to	OU/device, MAC address or text file with multiple MAC addresses (see above)
-format	Before installation, the system partition of the devices will be formatted.
-informuser	Inform the user through a message before execution [for the specified time period]
-cancancel	The user is allowed to cancel the command.
-now | -once at	Specify the time of execution. A periodic execution is not possible.

Deliver software

- Run the program with the following syntax:

```
scmd -u[ser] Username -p[assword] Password [-d[omain] Domain] -
delivery -to FQName [-subous] [-mac] [-list] [-clean] [-informuser [-
informtime Seconds]] [-cancancel] [-deviceswait Milliseconds] (-now |
-once at Date Time)
```

Option	Description
-delivery	**Delivery** command
-to	OU/device, MAC address or text file with multiple MAC addresses (see above)
-clean	Before delivery, the update partition of the devices will be formatted.

Option	Description
-informuser	Inform the user through a message before execution [for the specified time period]
-cancancel	The user is allowed to cancel the command.
-now | -once at	Specify the time of execution. A periodic execution is not possible.

Perform a configuration run

- Run the program with the following syntax:

```
scmd -u[ser] Username -p[assword] Password [-d[omain] Domain] -
configrun -to FQName SchedulerSettings
```

Option	Beschreibung
-configrun	**Configuration** command
-to	OU/device, MAC address or text file with multiple MAC addresses (see above)

Refresh the device status[1]

- Run the program with the following syntax:

```
scmd -u[ser] Username -p[assword] Password [-d[omain] Domain] -
refreshdevicestatus -to FQName [-subous] SchedulerSettings
```

Option	Beschreibung
-refreshdevicestatus	**Refresh device status** command
-to	OU/device, MAC address or text file with multiple MAC addresses (see above)

Reset to factory status[2]

- Run the program with the following syntax:

```
scmd -u[ser] Username -p[assword] Password [-d[omain] Domain] -
factoryreset -to FQName [-subous] [-mac] [-list] [-retainlocalconfig]
[-removescoutaddress] [-removelicenses] [-informuser [-informtime
Seconds]] [-cancancel] [-deviceswait Milliseconds] (-now | -once at
Date Time)
```

[1] from Scout 15 2204
[2] from Scout 15.8

Option	Description
-factoryreset	**Remote factory reset** command
-to	OU/device, MAC address or text file with multiple MAC addresses (see above)
-retainlocalconfig	Retain local user-defined device configuration in unlocked fields
-removescoutaddress	Delete Scout Server address on the device
-removelicenses	Additionally delete client-side stored license information
-informuser	Inform the user through a message before execution [for the specified time period]
-cancancel	The user is allowed to cancel the command.
-now | -once at	Specify the time of execution. A periodic execution is not possible.

3.4. Commands for console communication

Closing consoles

- Run the program with the following syntax:

```
scmd -u[ser] Username -p[assword] Password [-d[omain] Domain] -icc-
closeconsole [-timeout Seconds] [-displaytime Seconds] [-cancancel] (-
toall | -to Domain\User Domain\User)
```

Option	Description
-user -password -domain	required for logon to server
-displaytime	Inform the console user through a message before the console is closed If you specify a value >0, the message will be closed after the specified time period.
-cancancel	The console user is allowed to cancel the command.
-timeout	The closing of the console is delayed by the specified value.
-toall	All active consoles are closed.
-to	List of console users in the format *Domain\User*

Sending messages

- Run the program with the following syntax:

```
scmd -u[ser] Username -p[assword] Password [-d[omain] Domain-icc-
sendmsg [-validfrom Date Time] [-validto Date Time] [-displaytime
```

Seconds] [-cancancel] -msg *Message* (-toall | -to Domain\User *Domain\User*)

Option	Description
-validfrom -validto	limits the validity period of the command Allowed date formats: `dd.mm.yy[yy]` oder `mm-dd-yy[yy]` Allowed time format: `hh:mm:ss`
-displaytime	The message shown in the destination consoles will be closed after the specified time period.
-cancancel	The console user is allowed to cancel the command.
-msg	Message text To create a line break, enter `\n`.
-to	List of console users in the format *Domain\User*

Synchronizing console instances against AD

- Run the program with the following syntax:

```
scmd -u[ser] Username -p[assword] Password [-d[omain] Domain] -icc-checkadusers (-deactivate | -delete)
```

Option	Description
-deactivate	All console instances, which have not been found in the Active Directory, will be deactivated.
-delete	All console instances, which have not been found in the Active Directory, will be deleted from the database.

4. Execute file processing commands

The following features require structured text files that follow the format of `.ini` files in Windows. The following applies to the text files:

- Each file must contain a section named `[FileInfo]` where the type of action is defined.
- The information to be processed for this action is specified in a second section named `[Setup]`.
- One file defines one action. Multiple actions require multiple files.

Preparing structured text files

1. Create a text file and insert the headers of the sections `[FileInfo]` and `[Setup]`.
2. Under `[FileInfo]`, insert a line with the string
   `Type=#`
   # represents a number between 0 and 13 and specifies the type of action. For further information, see "Type of action (FileInfo section)" on the next page.
3. Under `[Setup]`, insert a line for each mandatory parameter of the selected action. Insert further lines for optional parameters you want to process. Mandatory and optional parameters can be found in the topic describing the relevant action (type).

Example for a structured text file:

inientries.ini

```
1  [FileInfo]
2  Type=13
3  [Setup]
4  DeviceName=M625q
5  IniEntryFile1=/setup/terminal.ini
6  IniEntrySection1=Security
7  IniEntryKey1 = TestKey
8  IniEntryValue1 = TestVal
9  IniEntryFile2=/setup/terminal.ini
10 IniEntrySection2=Security2
11 IniEntryKey2 = TestKey2
12 IniEntryValue2 = TestVal2
13 IniEntryFile3=/setup/ica/module.ini
14 IniEntrySection3=Security
15 IniEntryKey3 = TestKey
16 IniEntryValue3 = TestVal
17
```

- Run the program with the following syntax:

  `scmd -u[ser] *Username* -p[assword] *Password* [-d[omain] *Domain*] <*file name 1*> <*file name 2*> <*file name 3*>`

Specify the text files with their file name and file name extension. If a text file is not located in the program directory, also specify the fully-qualified path name.

4.1. Type of action (FileInfo section)

Each structured test file must contain a section named `[FileInfo]` in which the type of action is defined. The type of action defines which information is processed in the `[Setup]` section.

Section `[FileInfo]`

Entry	Value/Example	Description	Mand.
`Type`	#typenumber	The type number controls the type of action. #typenumber can have the following values: 0 Add or modify a device 1 Delete a device 2 Add or modify an OU 3 Delete an OU 4 Add or modify configuration data 5 Delete configuration data 6 Add or modify an application definition 7 Delete an application definition 8 Add or modify software defaults 9 Delete software defaults 10 Set Advanced options 11 Rename an application 12 Query device data 13 Import advanced file entries	✓

4.2. Add or modify a device (Type=0)

Adding or modifying a device requires

- Section `[FileInfo]` with entry `Type=0`
- Section `[Setup]` with the relevant entries

Section `[Setup]`

Entry	Value/Example	Description	Mand.
`FQOUName`	`/OU1/OU2`	Fully-qualified name of the OU to which the device will be added	✓
`ForceDBWrite`	`0|1`	Determines whether the imported configuration is written to the database even if no changes are visible	
`Name`	`Client1`	Name of the device	✓
`MAC`	`001122334455`	MAC address of the device This address is used to determine whether a device is already registered in the Scout infrastructure. If so, the existing configuration data is changed.	✓
`Info1`		Information on the device	
`Info2`		Information on the device	
`Info3`		Information on the device	
`UseParentAppDefaults`	`0|1`	The software defaults defined for this OU are applied.	
`UseParentApps`	`0|1`	Use applications defined in parent OUs	

Entry	Value/Example	Description	Mand.
UseParentScreenSettings	0|1	Determines whether the screen settings of the parent OU are used If 0, specify the values for Prop_Resolution, Prop_Frequency and Prop_ColorDepth	
Prop_Resolution	1024x768	Screen resolution (property)	
Prop_Frequency	60	Screen refresh rate (property)	
Prop_ColorDepth	16	Screen color depth (property)	
IniEntryFile# IniEntrySection# IniEntryKey# IniEntryValue#		Set advanced file entries To define one advanced file entry, four entries with the same number are required # represents a number between 1 and 255 **If no entries are defined, existing entries will be removed.**	

Entry	Value/Example	Description	Mand.
FileSrc# FileDst#		Configured file transfer For one file, both entries with the same number are required # represents a number between 1 and 255 **If no entries are defined, existing entries will be removed.**	
UseParent	0|1	Determines, whether the device configuration is inherited fro the parent instance or an independent device configuration is created For UseParent=0, you can set all configuration data subsequently.	
IpAddress		IP address of the device	
DefaultPrinter			
DefaultPrinterType			
DriverNames			
LastApplicationAction	#ON #OFF #REBOOT #RESTARTX #MSG #CUSTOMCOMMAND #UPDATE #DELIVERY #FACTORYRESET	Specifies the action after the last client application has been closed	
LastApplicationActionDelay	0	Delay before the action is performed	

Entry	Value/Example	Description	Mand.
UseParentPeerIP	0|1	Determines whether the peer IP settings of the parent OU are used.	
UsePeerIP	0	Determines whether the alternative (peer) IP address of the client is used.	
UseParentPartitions	0|1	Determines whether the partition settings of the parent OU are used.	
RootPartitionSize	128		
HomePartitionSize	0		
SwapPartitionSize	2		
WOLServer		WakeOnLan server	
UseParentMousKBSettings	0|1	The mouse/keyboard settings of the parent OU are used.	
Prop_Emulate3Buttons	empty or Emulate3DButtons	Determines whether three mouse buttons are emulated	
Prop_multiClickTime		Double-click speed	
Prop_Buttons	auto none 2 3 5	Auto-detection No mouse Two-button mouse Three-button mouse Wheel mouse	
Prop_PointerSpeed		Mouse pointer speed	
Prop_XkbLayout		Keyboard language	
Prop_Numlock		Initial Num Lock state	
Prop_DontVTSwitch		Allows switching consoles with Ctrl-Alt-F1...F12	
Prop_DeadKeys		Dead keys	
Prop_KeyboardDelay		Keyboard delay	

Entry	Value/Example	Description	Mand.
`Prop_KeyboardSpeed`		Key repetition rate	

Note:

- Values that are not available in the `Setup` section are not processed. Example: If the value `Info1` is not available, the value is not changed and not deleted. To delete the value, `Info1` must be defined with an empty value field: `Info=`
- You can add as many printers as you want. For each printer a `!PRINTER!#` section is required with the following properties:
  - The printer sections (#) must be numbered consecutively starting with `1`.
  - All printers defined here are assigned to the device.
  - If no printer sections are available, no printers are registered and existing printers are deleted.

4.3. Delete a device (Type=1)

Deleting device requires

- Section `[FileInfo]` with entry `Type=1`
- Section `[Setup]` ith entry `MAC` or `Name`
  If both entries are specified, the `MAC` entry has precedence.

Section `[Setup]`

Entry	Value/Example	Description	Mand.
`MAC`	`001122334455`	MAC address of the device The device with this MAC address is deleted from the Scout infrastructure.	✓ or
`Name`	`Client1`	Host name of the device The device with this name is deleted from the Scout infra-structure	✓

4.4. Add or modify an OU (Type=2)

Adding an OU requires

- Section `[FileInfo]` with entry `Type=2`
- Section `[Setup]` with the relevant entries

Section `[Setup]`

Entry	Value/Example	Description	Mand.
`FQOUName`	`/OU1/OU2`	Fully-qualified name of the OU to which the OU will be added To create the OU on the top level, set a slash: `/`	✓
`ForceDBWrite`	`0|1`	Determines whether the imported configuration is written to the database even if no changes are visible	
`Name`	`OU3`	Name of the OU	✓
`Info1`		Information on the OU	
`Info2`		Information on the OU	
`Info3`		IInformation on the OU	
`UseParentAppDefaults`	`0|1`	The software defaults defined for this OU are applied.	
`UseParentApps`	`0|1`	Use applications defined in parent OUs	
`UseParentScreenSettings`	`0|1`	Determines whether the screen settings of the parent OU are used If `0`, specify the values for `Prop_Resolution`, `Prop_Frequency` and `Prop_ColorDepth`	
`Prop_Resolution`	`1024x768`	Screen resolution (property)	

Entry	Value/Example	Description	Mand.
Prop_Frequency	60	Screen refresh rate (property)	
Prop_ColorDepth	16	Screen color depth (property)	
IniEntryFile# IniEntrySection# IniEntryKey# IniEntryValue#		Set advanced file entries To define one advanced file entry, four entries with the same number are required # represents a number between 1 and 255 **If no entries are defined, existing entries will be removed.**	
FileSrc# FileDst#		Configured file transfer For one file, both entries with the same number are required # represents a number between 1 and 255 **If no entries are defined, existing entries will be removed.**	
DefaultPrinter			
DefaultPrinterType			
DriverNames			
LastApplicationAction	0	Specifies the action after the last client application has been closed	
LastApplicationActionDelay	0	Delay before the action is performed	

Entry	Value/Example	Description	Mand.
UseParentPeerIP	0|1	Determines whether the peer IP settings of the parent OU are used	
UsePeerIP	0	Determines whether the alternative (peer) IP address of the client is used.	
UseParentPartitions	0|1	Determines whether the partition settings of the parent OU are used.	
RootPartitionSize	128		
HomePartitionSize	0		
SwapPartitionSize	2		
WOLServer		WakeOnLan server	
UseParentMousKBSettings	0|1	The mouse/keyboard settings of the parent OU are used.	
Prop_Emulate3Buttons	empty or Emulate3DButtons	Determines whether three mouse buttons are emulated	
Prop_multiClickTime		Double-click speed	
Prop_Buttons	auto none 2 3 5	Auto-detection No mouse Two-button mouse Three-button mouse Wheel mouse	
Prop_PointerSpeed		Mouse pointer speed	
Prop_XkbLayout		Keyboard language	
Prop_Numlock		Initial Num Lock state	
Prop_DontVTSwitch		Allows switching between the consoles with Ctrl-Alt-F1...F12	
Prop_DeadKeys		Dead keys	
Prop_KeyboardDelay		Keyboard delay	
Prop_KeyboardSpeed		Key repetition rate	

4.5. Delete an OU (Type=3)

Deleting an OU requires

- Section `[FileInfo]` with entry `Type=3`
- Section `[Setup]` with entries `FQOUName` and `Name`.

Abschnitt `[Setup]`

Entry	Value/Example	Description	Mand.
`FQOUName`	`/OU1/OU2`	Fully-qualified name of the OU that contains the OU to be deleted	✓
`Name`	`OU3`	Name of the OU you want to delete	✓

4.6. Add or modify configuration data (Type=4)

This action has the following effect for the OU `FQOUName`: The value **Use parent device configuration** is deleted and an independent device configuration is created. For the new device configuration, the configuration data of the next higher instance are copied and their values entered.

Adding or modifying configuration data of an OU requires

- Section `[FileInfo]` with entry `Type=4`
- Section `[Setup]` with the relevant entries

Section `[Setup]`

Entry	Value/Example	Description	Mand.
Entry	Value/Example	Description	Mand.
`FQOUName`	`/OU1/OU2`	Fully-qualified name of the OU for which configuration data are to be modified To modify values of the base configuration (top level), set a slash: `/`	✓
Network			
`Timeout`	`<#sec>`	Timeout for establishing a connection to the manager	
`IdleTimeout`	`<#sec>`	Timeout for existing connection after after specified period of idle time	
`Hostname` (only individual devices)	`myclient`	Host name of the device	
`NetworkOptions`	`1|0`	Send keepalive packets	
`HostAddr1`	`192.168.10.22`	Part 1 of a value pair for a host table	
`HostName1`	`myclient22`	Part 2 of a value pair for a host table	
`[NETWORKPROFILE!#]`			
`NetworkType`	`4|5|6`	4 Ethernet 5 WLAN 6 WWAN (Mobile Internet)	
`Name`	`LAN_STec_02`	Network profile name	
`DHCPTimeout`	`<#sec>`	Timeout for a DHCP request of the client	

Entry	Value/Example	Description	Mand.
UseLease	true|false	If the DHCP request fails, the client respects an existing lease file.	
Options	1|0	Ignore Scout Server DHCP options	
BootMode	DHCP|off	Source of the client network data	
IPAddr	192.168.10.21	IP address of the client	
Netmask	255.255.255.0	Network mask of the client	
Domain	mycompany.com	Domain name of the client	
NBDomain	DOM01	sent as smart card domain to the client	
Dot1x	true|false	Use of IEEE 802.1X for authentication	
Dot1xTimeout	<#sec>	Timeout for IEEE 802.1X authentication	
DnsServer1	192.168.10.2	IP address of 1. DNS server	
Gateway1	192.168.10.1	IP address of 1. gateway	
Media	ethernet | adsl | umts | tokenring | wavelan	Network medium	
Mode	auto	Ethernet	
Speed	auto | 100HD | 100FD | 10 HD | 10FD | 1000 | BNC | AUI	Network speed for **ethernet** or **adsl**	
	4|16|100|auto	Network speed for **tokenring**	
ESSID		WLAN SSID	
HiddenSSID	true|false	WLAN / determines whether SSID is hidden	
PSK	<Unicon-crypted string>	WLAN For encryption, use the **Environment Variables** feature of the Scout Console, see Encrypting values in the **Installation** short guide.	
Channel	1|2|...|14	WLAN	
WPAMode	WPA WPA2	WPA encryption (PSK) WPA2 encryption (PSK)	

Entry	Value/Example	Description	Mand.
APN	<string>	WWAN (Mobile Internet)	
User	<string>	WWAN (Mobile Internet)	
Password	<Unicon-crypted password>[1]	WWAN (Mobile Internet)	
PIN	<Unicon-crypted password>[2]	WWAN (Mobile Internet)	
Roaming	true|false	WWAN (Mobile Internet)	

Desktop

LANG	de_DE	Display language
ShowTaskbar	true|false	Show Taskbar
TaskbarAlwaysOnTop	true|false	Taskbar always visible
TaskbarAutoHide only for TaskbarAlwaysOnTop=false	true|false	Hide taskbar automatically
TaskbarOption	1843	Taskbar options as a combination of the following values: **1** QuickConfig keyboard **2** QuickConfig volume **4** QuickConfig peripherals **16** QuickConfig network **32** QuickConfig display **64** Show 'Show desktop' icon **256** Show device information **512** Show date and time **1024** Show live information icons[3]
TaskbarShowClock	true|false	Show time on taskbar

[1] For encryption, see Encrypting values in the **Installation** short guide.
[2] For encryption, see Encrypting values in the **Installation** short guide.
[3] from Scout 15.7

DesktopOption	771	The following options and their combinations are provided: **0** Do not show any icons on the desktop **1** Show only application icons (enabled by default) **2** Show volumes (enabled by default) **4** Show 'Home' folder **8** Show 'Computer' folder **16** Show 'Trash' folder **32** Show 'Network' folder **256** Show Config panel icon (enabled by default) **512** Sort configuration panel[1] (enabled by default)[2]
Workspace	<#>	Number of workspaces
NextFocusKey	Down|Tab	Keys to switch between open applications Down: Switch with CTRL+ALT+↓ Tab: Switch with Alt+Tab
DesktopBackColor	#FF00FF	Background color The format is an RGB value: #rrggbb rr represents the red value gg the green value bb the blue value
DesktopTextColor	#FF00FF	Text color of desktop icons
BackgroundImage	background_A2.jpg	File name or URL of a background picture / wallpaper (primary monitor)
BackgroundImage_BeforeLogin	background_A1.jpg	File name or URL of a different wallpaper only shown until AD logon (primary monitor)
BackgroundImage_NonPrimary	background_B2.jpg	File name or URL of a wallpaper (second and more monitors)

[1] from Scout 15.5
[2] from Scout 15.9

BackgroundImage_ NonPrimary_BeforeLogin	background_ B1.jpg	File name or URL of a different wallpaper only shown until AD logon (second and more monitors)
TaskbarOption	0x07	Show applets in quick-setup of the taskbar (eLux RP 5) No applets : 0x0 MouseKeyboard : 0x1 Multimedia : 0x2 USB : 0x4 The values are OR-linked.
TimeZone	Berlin GMT+1	Time zone All 252 entries available in the console in **Configuration > Desktop** in the list-field The name must match with the list-field entry, see examples (without brackets): Europe/London (GMT) Europe/Berlin (GMT+1) Asia/Dubai (GMT+4) US/Pacific (GMT-8) America/Los_Angeles (GMT-8) America/Vancouver (GMT-8) Asia/Yekaterinburg (GMT+5)
TimeServer1		Name or IP address of the time server

Screen		
ScreenLayout	1|2|3|4|5|6|7|8	Number of monitors, is set automatically to the number of defined screens
AutomaticLayoutAdjustment	true|false	For multiple monitors: after one of the monitors is removed
[!SCREEN!1]		
MonitorNumber		
Resolution	1024x768	Screen resolution

Frequency	60	Screen refresh rate
Rotation	0|90|180|270	Monitor rotation in degrees
LayoutPos	1|2|3|4|5|6|7|8	For multiple monitors
LayoutNext	2	For multiple monitors
Primary	true|false	Primary monitor
On	true|false	
UseDDC	true|false	Use monitor values via DDC
ScreenSaverOff[1]	true|false	Legacy power management: Monitor power saving mode
StandbyTime[2]	<#min>	Legacy power management: Time period after which the monitor's power saving mode is enabled
UseScreenSaver[3]	true|false	Legacy power management: Screen saver
XAutoLockDelay[4]	<#min>	Legacy power management: Time period after which the screen saver is enabled

Power management		
LowBatteryLevel	20	Battery status in percent, from which the user is notified
LogOffBeforeSuspend	0|1	
[POWERPROFILE_X]		

[1] for Scout 15.2 and earlier versions
[2] for Scout 15.2 and earlier versions
[3] for Scout 15.2 and earlier versions
[4] for Scout 15.2 and earlier versions

PowermanagementProfileType	0|1|2|3|4	POWERPROFILE_AUTO POWERPROFILE_ECO POWERPROFILE_ PERFORMANCE POWERPROFILE_ECO- WORKING POWERPROFILE_ PERFORMANCE-WORKING
BrightnessLevel	80	Screen brightness in percent
DisplayOffTimerEnabled	true|false	Turn off display
DisplayOffTimer	2	Delay in minutes
DisplayLockTimerEnabled	true|false	Enable screen saver
DisplayLockTimer	2	Delay in minutes
IdleTimerEnabled	true|false	Device in idle state
IdleTimer	10	Delay in minutes
IdleAction	2|3	Action when device is in idle state
NoLoginIdleTimerEnabled	true|false	
NoLoginIdleTimer	10	Delay in minutes
NoLoginIdleAction	2|3	
LidCloseAction	0|1|2|3	Action when user closes the lid 0 No action 1 Turn display off 2 Shut down 3 Suspend
PowerButtonAction	0|1|2|3	Action when users press the power button
SleepButtonAction	0|2|3	Action when users press the keyboard Power/Sleep key

Mouse/Keyboard

XkbLayout	de	Keyboard language
LeftHandMouse	empty or LeftHandMouse	Swap left- and right-hand mouse button
multiClickTime	500	Double-click speed

Numlock	on|off	Initial Num Lock state
DontVTSwitch	true|false	Allows switching consoles with Ctrl-Alt-F1...F12
DeadKeys	on|off	Dead keys
PointerSpeed		Mouse pointer speed
KeyboardDelay		Keyboard delay
KeyboardSpeed		Key repetition rate

Firmware		
ftphost		IP address of web server for firmware updates
ftpport		is only used if port is not specified for ftphost
UseSSL	true|false	Use secure protocol for web server (HTTPS/FTPS)
ftphostname		Host name of web server for firmware updates (optional)
ftppath		Container path on the web server
user		Username to access the eLux software container of the FTP server
password		Password to access the eLux software container of the FTP server
idf	myimage.idf	Name of the image definition file
ProxyType	0|1|2|3	None | Static (Consumer) | Static (Provider) | Dynamic
ProxyServer		IP address of proxy server for firmware updates
ProxyServerName		IP name of proxy server for firmware updates
ProxyServerPort		Add proxy server port to ProxyServer or ProxyServerName
AutoCheckUpdate	true|false	Determines whether the client checks for new versions on start

CheckUpdateOnShutdown	true|false	Determines whether the client checks for new versions on shut-down
ConfirmUpdate	true|false	Determines whether the user must confirm a firmware update

Security

LocalPassword		Device password for all devices, can only be changed in the base configuration.
LockControlPanel	true|false	only eLux RP 5
Mirror	true|false	Determines if the mirror server is started
MirrorViewOnly	true|false	Read-only access
MirrorDialog	true|false	User must confirm a mirror session
MirrorPassword		Password for mirror session
AuthType		Type of user authentication **0** No **3** AD **5** AD+Smartcard **10** Evidian[1]
AuthShowLastUser	0	Show last username
AuthDomainFieldStatus	0	Display domain field on client
AuthDisplayNames	<domain1>,<domain2>	To define AD domain entries, first define their display names. Separate multiple entries by comma.
[Authserver_<domain1>]		In a second step, specify the details for each domain.
DisplayName	Domain 1	
AuthServer		AD server for domain 1
AuthBase		AD base for domain 1
AuthVersion		
AllowScUserAuth	true|false	If smart card is enabled, allow to alternatively authenticate via username+password.

[1] from Scout 15.11

SCUserAuthAsDefault	true|false	
Check	none|forever|boot	no smart card check smart card must always be available. on device start
UseSmartcard (only Evidian)	true|false	
Secret (only Evidian)	<Secret as defined in Enterprise Access Manager>[1]	see string value in HKEY_LOCAL_MACHINE\SOFTWARE\Enatel\WiseGuard\FrameWork\Authentication > ExternalRoamingSessionSecret
LockedFields		Bit string for the fields to be locked on the client
XAutoLockPwd	empty or $ELUXPASSWORD	If you set $ELUXPASSWORD, the AD authentication password is used. Otherwise the field must remain empty.

Multimedia		
MasterVolume	49	Output volume
MicVolume	80	Input volume
MicMute	true	microphone mute

Drives / common settings		
[!NETDRIVE!#]		
Directory		Defines which directory is used to access the data
Server	server name	Server on which the network drive is shared
User		User for authentication on the server
Password		Password for authentication on the server
Share	\\server\share	Name of the share directory on the server

[1] For encryption, see Encrypting values in the **Installation** short guide.

UseKerberos	true|false	Determines whether authentication is performed using a certificate (only for AD authentication)

Printer / common settings		
LpdService	true|false	Determines whether the LPD service is started on the client
LprTimeout	10	Timeout after which an LPR print is aborted
port_usb	9101	Port number for USB printing
port_lp	9100	Port number for LP printing
[!PRINTER!#]		
Name	PR-Lexmark	
Type	net| par| ser| usb	Network printer Printer on parallel port Printer on serial port Printer on USB port
Address	printer1.my.org	only for network printer (mandatory): Network address
Queue	queue1	only for network printer (mandatory): Name of the printer queue
TpClass		Name of the ThinPrint class
Default	true|false	Sets the printer as default printer
Com	0	Number of the COM interface on which the print is made always 0
Baud	0 | 1200 | 2400 | 4800| 9600|19200|38400	Bit rate If you set 0, the value from the system settings (Hardware) is used.
TextFilter	true|false	Determines whether a text filter is applied
PclFilter	true|false	Determines whether a PCL filter is applied
Driver		Driver name for the printer
Tp	true|false	Defines the printer as a ThinPrint printer

Hardware		
Device	none|intern|extern|usb	Type of smart card device
USB	true|false	Determines whether USB storage devices may be used
USBUserInfo	true|false	Determines whether the user is notified about USB storage devices when they are inserted or removed
[Com#Settings]		COM port settings # 1-4
Speed	1200 | 2400 | 4800 | 9600 | 19200 | 38400 | 57600 | 115200	
Parity	none|even|odd	
FlowControl	none | rtscts| xonxoff | both	
BitWidth	5|6|7|8	
StopBits	1	1, 2
Diagnose		
LogLevel	1|6	Enhanced logging on/off
DiagURL	ftp://ftpserver.de	Destination address for diagnostic files

4.7. Delete configuration data (Type=5)

This action has the following effect for the OU `FQOUName`: The value **Use parent device configuration** is set and the independent device configuration is deleted. The configuration data of the parent OU are inherited.

Deleting configuration data of an OU requires

- Section `[FileInfo]` with entry `Type=5`
- Section `[Setup]` with the entry `FQOUName`

Section `[Setup]`

Entry	Value/Example	Description	Mand.
`FQOUName`	`/OU1/OU2`	Fully-qualified name of the OU for which the configuration data re to be deleted Die Konfigurationsdaten der Basis-Konfiguration können nicht gelöscht werden.	✓

4.8. Add or modify an application definition (Type=6)

Adding or modifying an application definition requires

- Section `[FileInfo]` with entry `Type=6`
- Section `[Setup]` with the relevant entries

Section `[Setup]`

Entry	Value/Example	Description	Mand.
`FQOUName`	`/OU1/OU2`	Fully-qualified name of the OU for which an application definition is to be added or modified To add or modify an application on the top level, set a slash: `/`	✓
`Name`	`MyApp`	Name of the application	✓
`AutoStart`	`true|false`	Determines whether the application is started automatically	
`AutostartDelay`	`<#sec>`	Delay for automatic application start	
`TM`	`true|false`	Determines whether the application runs permanently (terminal mode)	
`Roaming`	`true|false`	Enables roaming when a card reader is used	
`AppOnDesktop`	`0|1`	Determines whether a desktop icon is created on the client	
`Type`	`0` Emulation `3` Browser `4` ICA/Citrix `5` Local shell `7` SAP `10` RDP `13` PNAgent `15` Virtual desktop `17` StoreFront		✓
`ICAServer`		Name of the Citrix server	
`ICAUser`		Name of the ICA user	
`ICAPass`		Password of the ICA user	
`ICADomain`			

Entry	Value/Example	Description	Mand.
ICAApplication	appl1	Application to be started	
	#pubappl1	For a published application, the application name must be specified with a leading #.	
ICAWorkDir		Working directory for the application	
ICAResolutionDefault	0|1	Use of the general Citrix settings for the resolution	
ICAResolution		Resolution of the ICA session	
	0 1 2 3 4 5 6 7 8	640x480 800x600 1024x768 1280x1024 1600x1200 User-defined size[1] User-defined percentage[2] Full screen Seamless	
ICAWidth	1280	Width of the ICA session	
ICAHeight	1024	Height of the ICA session	
ICAPercent	75	Percent of screen resolution	
ICAColorsDefault	0|1	Use of the general Citrix settings for color depth	
ICAColors	0|1|2|3	Color depth 0: 16 colors 1: 256 colors 2: 16 bit colors 3: 24 bit colors	
ICAColorMapDefault	0|1	Use of the general Citrix settings for color assignment with 256 colors	

[1] ICAWidth and ICAHeight must be set
[2] ICAPercent must be set

Entry	Value/Example	Description	Mand.
ICAColorMap	0|1	Defines how the color table is assigned for 256 colors 0: common (approximate colors) 1: private (precise colors)	
ICASound			
ICACrypt	0|1|2|3|4	0 : Basic 1 : RC5 (128 bit - login only) 2 : RC5 (40 bit) 3 :RC5 (56 bit) 4 : RC5 (128 bit)	
ICAAutologin	true|false	Automatic logon with higher encryption depth	
ICACompress	0|1	Compression of the data to be transmitted	
ICABitmapCache	0|1	Creating a bitmap cache	
ZLMouseMode	0|1|2	Values for the latency reduction 0: off 1: on 2: auto	
ZLKeyboardMode	0|1|2	Values for the latency reduction 0: off 1: on 2: auto	
ICAServerLocationDefault	0|1	Use of the general Citrix settings for the server locations	
BrowserProtocol	0|1|2	Browser protocol via which the ICA client searches the server / published applications 0: TCP/IP + HTTP 1: TCP/IP 2: SSL + HTTPS	
BrowserAddress1	mybrowser1	Browser addresses	
BrowserAddress2	mybrowser2		
BrowserAddress3	mybrowser3		
BrowserAddress4	mybrowser4		

Entry	Value/Example	Description	Mand.
`BrowserAddress5`	`mybrowser5`		
`DisableCtrlAltDel`	`true|false`	Determines whether the Citrix logon dialog asks for a PIN (smart card) or user/password For smart card use	

4.9. Delete an application definition (Type=7)

Deleteing an application definition requires

- Section `[FileInfo]` with entry `Type=7`
- Section `[Setup]` with the entries `FQOUName` and `Name`

Section `[Setup]`

Entry	Value/Example	Description	Mand.
`FQOUName`	`/OU1/OU2`	Fully-qualified name of the OU for which an application definition is to be deleted	✓
`Name`	`MyApp`	Name of the application To delete all application definitions of an OU, set an asterisk: `*`	✓

4.10. Add or modify software defaults (Type=8)

Adding or modifying software defaults requires

- Section `[FileInfo]` with entry `Type=8`
- Section `[Setup]` with the relevant entries

Section `[Setup]`

Entry	Value/Example	Description	Mand.
`FQOUName`	`/OU1/OU2`	Fully-qualified name of the OU for which the software defaults are defined	✓

`ClientNameTemplate`	`$ICAUSER`	Is used to set the client name.
		Allowed variables:
		`$ICAUSER`
		`$ICADOMAIN`
		`$ICAAPPLICATION`	

`BrowserProtocol`	`0|1|2`	Browser protocol via which the ICA client searches the server / published applications `0`: TCP/IP + HTTP `1`: TCP/IP `2`: SSL + HTTPS	
`HttpBrowserAddress`		Browser addresses	
`HttpBrowserAddress2`			
`HttpBrowserAddress3`			
…			
`HttpBrowserAddress15`			
`TcpBrowserAddress`			
`TcpBrowserAddress2`			
`TcpBrowserAddress3`			
…			
`TcpBrowserAddress15`			
`DisableSound`	`0|1`	Determines whether the Citrix client plays sound	
`ClientManagement`	`on|off`	Allows/denies automatic updating of the clients	

Entry	Value/Example	Description	Mand.
ClientDrive	on|off	Assignment of a user drive	
DrivePathA	/misc/floppy	Name of the directory to be assigned	
DriveEnabledA	0|1	0: Drive is not assigend 1: Drive is assigend	
DriveReadAccessA	0|1|2	0: Read access allowed 1: Read access denied 2: Confirm read access in first session	
DriveWriteAccessA	0|1|2	0: Write access allowed 1: Write access denied 2: Confirm write access in first session	
DrivePathB		Name of the directory to be assigned	
DriveEnabledB	0|1		
DriveReadAccessB	0|1|2		
DriveWriteAccessB	0|1|2		
DrivePathC	/misc/cdrom		
DriveEnabledC	0|1		
DriveReadAccessC	0|1|2		
DriveWriteAccessC	0|1|2		
DrivePathD	misc/usb0		
DriveEnabledD	0|1		
DriveReadAccessD	0|1|2		
DriveWriteAccessD	0|1|2		
…			
DrivePathZ			
DriveEnabledZ	0|1		
DriveReadAccessZ	0|1|2		
DriveWriteAccessZ	0|1|2		
COM1	dev/ttyS0	Assign a device to COM port	
COM2		Assign a device to COM port	
COM3		Assign a device to COM port	

Entry	Value/Example	Description	Mand.
COM4		Assign a device to COM port	
COM5		Assign a device to COM port	
TransportReconnectEnabled	true|false	Determines whether the connection is re-established after a connection termination	
TransportReconnectRetries	#retries	Number of connection retries	
TransportReconnectDelay	#delay	Seconds until a connection is retried	
Hotkey1Char		Keys to switch applications	
Hotkey2Char			
Hotkey3Char			
…			
Hotkey15Char			
Hotkey1Shift			
Hotkey2Shift			
Hotkey3Shift			
…			
Hotkey15Shift			
DesiredColor	0|1|2|4|8	1: 16 colors 2: 256 colors 4: 16 bit colors 8: 24 bit colors	
DesiredHRES		Horizontal resolution	
DesiredVRES		Vertical resolution	
ScreenPercent		Resolution percentage of the screen	
ApproximateColors	Yes|No	Color assignment for 256 colors Yes: common (approximate colors) No: private (precise colors)	

Entry	Value/Example	Description	Mand.
TransparentKeyPassthrough	Local	Pass local key entries to the server: Local: Keyboard entries are also evaluated by the local system FullScreenOnly: Keyboard entries are only evaluated by the server for full-screen sessions Remote: Keyboard entries are only evaluated by the server	
KeyPassthroughEscapeChar	Shift	Keyboard shortcut with which the evaluation of the keyboard can be stopped by the server only	
KeyPassthroughEscapeShift	F1		
PersistentCachePath	/tmp	Path for cache data	
PersistentCacheSize	0	Maximum cache size in KB	
PersistentCachePercent	20	Maximum cache size in percent	
PersistentCacheMinBitmap	2048	Minimum bitmap size in bytes to be saved	
TcpGroupName1	Hauptguppe	Name of the primary server group	
TcpGroupName2	sicher1	Name of the server group Backup list 1	
TcpGroupName3	sicher2	Name of the server group Backup list 2	
UseAlternateAddress	0|1	Determines whether an alternative address is used for firewall connections	

Entry	Value/Example	Description	Mand.
`ProxyHost`	`proxy:8080`	Name and port of the proxy for secured connections	

`ProxyType`	`None|`
	`Socks|`
	`Secure|`
	`Auto`
		No proxy
		SOCKS
		Secure (HTTPS)
		Automatic	

`AllowAudioInput`	`false|true`	Determines whether audio input data is evaluated	

4.11. Delete software defaults (Type=9)

Deleting software defaults requires

- Section `[FileInfo]` with entry `Type=9`
- Section `[Setup]` with entry `FQOUName`

Abschnitt `[Setup]`

Section	Value/Example	Description	Mand.
`FQOUName`	`/OU1/OU2`	Fully-qualified name of the OU for which the software defaults are deleted	✓

4.12. Set Advanced options (Type=10)

Adding or modifying Advanced options requires

- Section `[FileInfo]` with entry `Type=10`
- Section `[Setup]` with the relevant entries

Section `[Setup]`

Entry	Value/Example		Mand.
DiscoverPingTime	10	Ping time to identify devices	
DiscoverCollectTime	30		
UpdateMaxAtOnce	10		
UpdateConnectTimeout	2		
ManageOnlyLockedFields	0		
DoSmartSrv	0		
SmartSrvTimeout	30		
ScoutSrvGroup	0		
RenameExistingDevice	1		
AllowDynamicHostnames	0		
DeactivateNewDevices	0		
WOLWithUDP	0		
WOLWithIpAddress	0		
DebugLevel	1		
AllowDynamicGroupID	1		
CheckNetCrossing	0		
DiscoverOnStart	0		
PrinterImportTime	0		
UseClassicLogin	1		
Password			
RecoverURL			
WolServer			
LastApplicationAction	0		
LastApplicationActionDelay	0		

Entry	Value/Example	Mand.
UsePeerIP	0	
FirstContactAction	0	
RootPartitionSize	128	
HomePartitionSize	0	
SwapPartitionSize	2	
ReceiveTimeout	5	
UpdateResponseTimeout	10	
RecoverUsePartitionData	0	
RecoverAskUser	1	
RecoverProxy		
RecoverPort	0	

4.13. Rename an application (Type=11)

Renaming an application requires

- Section `[FileInfo]` with entry `Type=11`
- Section `[Setup]` with the entries `FQOUName`, `Name`, `NewName`

Section `[Setup]`

Entry	Value/Example	Description	Pflicht
`FQOUName`	`/OU1/OU2`	Fully-qualified name of the OU which contains the application	✓
`Name`	`MyApp`	Name of the application	✓
`NewName`	`YourApp`	New name of the application	✓

4.14. Query device data (Type=12)

Querying device data requires

- Section `[FileInfo]` with entry `Type=12`
- Section `[Setup]` with entry `AttributeKey`

Section `[Setup]`

Entry	Value/Example	Description	Mand.
`AttributeKey`	`MAC_address`	Key to search for in the database	✓
`AttributeValueString`	`001122334455`	Text value to which the content of the key is compared	
`AttributeValutInt`	`001122334455`	Numerical value with to which the content of the key is compared	

4.15. Import advanced file entries (Type=13)

The import of advanced file entries can be done via SCMD for an individual device. It requires

- Section `[FileInfo]` with entry `Type=13`
- Section `[Setup]` with the relevant entries

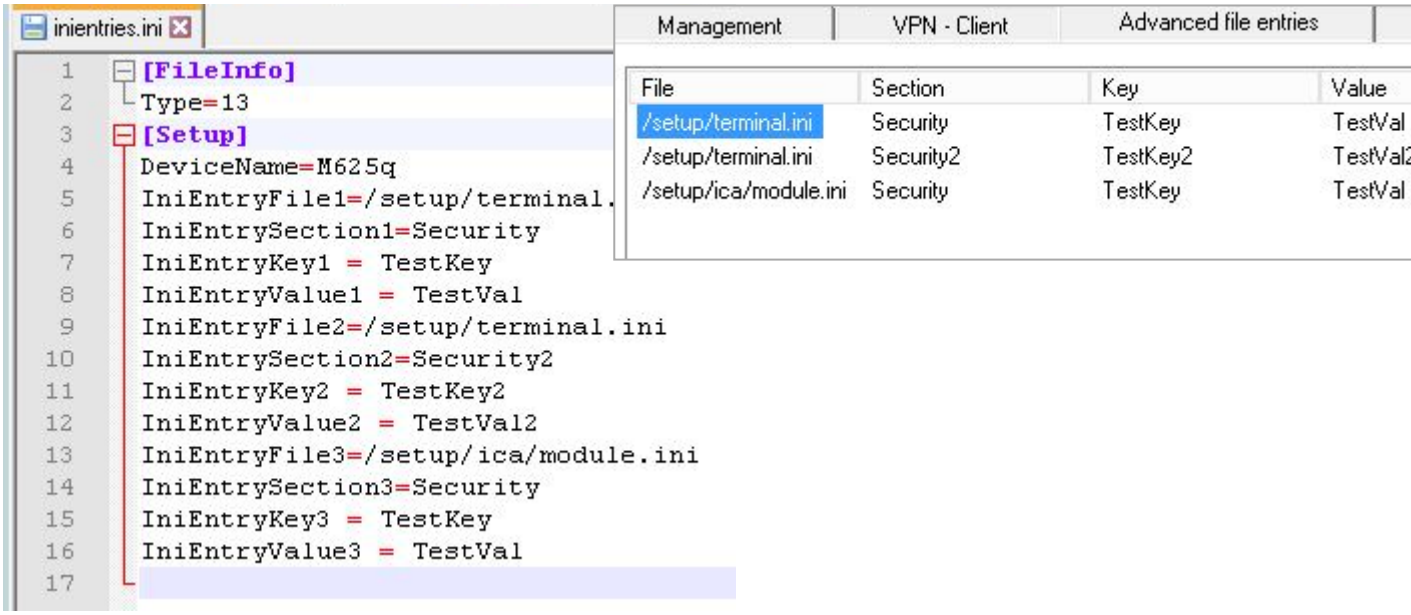
Section `[Setup]`

Entry	Value/Example	Description	Mand.
`DeviceName`	`M625q`	Host name of the device for which the entry is set	✓
`IniEntryFile1`	`/setup/terminal.ini`	File to be written to	✓
`IniEntrySection1`	`Security`	Section	✓
`IniEntryKey1`	`TestKey`	Entry/Key	✓
`IniEntryValue1`	`TestVal`	Value	✓

For further information, see Adding individual file entries in the **Scout** guide.

To import additional file entries for the device, increment the number for the entry. Further file entries can be defined for the same file or for other files.

Example: The text file `inientries.ini` that is shown in the figure on the left produces the file entries shown on the right on the device after it has been processed via SCMD.



5. Accelerated batch mode

If you execute many SCMD commands in a batch file one after the other, you can accelerate the execution of the batch file by starting the SCMD program in batch mode.

Starting the batch mode

- Enter the following command:
  `scmd –startbatch`

The call starts an instance of the program in the background. All subsequent SCMD calls are then passed to this instance and processed by it. Initializations such as the connection to the database then only need to be run once, and execution is faster.

To close the background instance, exit the batch mode.

Terminating the batch mode

- Enter the following command:
  `scmd –stopbatch`

Example

```
scmd -startbatch
scmd -u Username -p Password -d Domain -sendmsg -msg Text1 -to OU1 -once
-at 12.12.2019 12:34
scmd -u Username -p Password -d Domain -sendmsg -msg Text2 -to OU2 -once
-at 13.12.2019 12:34
scmd -u Username -p Password -d Domain -sendmsg -msg Text3 -to OU3 -once
-at 14.12.2019 12:34
scmd -stopbatch
```

Note
The logon data must remain the same in all calls, otherwise the command is not executed.

Note
Parallel execution of multiple batch files is not possible.