Elster Software System Rights for Installation and Operation / Settings



Business Segment Electronic Systems

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1 Elster Software and Operating System Windows VISTA / Windows 7

The Elster Software is, in general, not Windows VISTA resp. Windows 7 compliant but with appropriate settings, which are described in the sections below, it runs capable.

The following software components from Elster where checked with the listed operating systems and run capable as of the indexed version:

Software components	Run capable with operating system 'Windows VISTA Business Edition' as of version	Run capable with operating system 'Windows 7 Professional 32 Bit- Version' as of version
WinCOMS	V2.15	V2.18A
Modem server	V1.07	V1.07
WinLIS	V1.54A	V1.59A
WinVIEW	V1.35	V1.36
WinVIEW-Import	V1.05	V1.05
WinTASK	V1.16	V1.18
User administration	V1.09	V1.09
Winlook	V1.16	V1.16
WinPADS DL200	V2.73	V2.95
WinPADS EK200	V2.73	V2.95
WinPADS DS/EK	V2.20	V2.20
WinPADS TC90	V1.14	V1.14
ReadMobile	V1.16	V1.22

2 Rights to install the software

To install the Elster software administrator rights are necessary, because files will be created in the Windows folder as well as in the program folder and entries were made in the registry (dependent from the installed software component).

Beside that, additional software modules like the Borland Database Engine (BDE) to operate the Elster software components WinLIS and WinCOMS, have to be installed.





3 Borland Database Engine (BDE) Settings

After the BDE is installed to operate the Software components WinLIS and WinCOMS, the following settings have to be checked with the '*BDE Administrator*' in the Control Panel of the operating system:

• The parameter 'LEVEL' of the DBASE driver has to be set to '5' (should be the default setting):

BDE Administrator C:\IDA Object Edit View Options !	PI∖IDAPI.CFG <u>⊣</u> elp		<u>_ X</u>
e X na			
Drivers and System	Definition of DBASE		
Databases Configuration	Definition		
Configuration	VERSION TYPE LANGDRIVER LEVEL MDX BLOCK SIZE MEMO FILE BLOCK S	1.0 FILE dBASE ENU cp437 5 1024 SIZE 1024	
0 items in DBASE.			ļi,

• The PARADOX net directory (parameter *'NET DIR'*) has to be set to a folder, for which a standard user has full access rights (read/write); Only temporary used files will be created in that folder:

BDE Administrator C:\IDAP	I\IDAPI.CFG		_ 🗆 ×
Object Edit View Options He	elp		
B X N C			
Drivers and System	Definition of PARADOX		
Databases Configuration	Definition		
⊡ ▶ 🔁 Configuration	VERSION	1.0	
🖨 🕨 🖏 Drivers	TYPE	FILE	
E 🕨 🔊 Native	NET DIR	C:\Elster	
PARADOX	LANGDRIVER	Paradox 'ascii'	
- OBASE	BLOCK SIZE	2048	
FOXPRO	FILL FACTOR	95	
MSACCESS	LEVEL	4	
	STRICTINTEGRTY	TRUE	
J	J		
0 items in PARADOX.			111



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 The parameter ,LOCAL SHARE' to control the parallel access of BDE and non-BDE applications to common files has to be set to 'TRUE ':

🚨 BDE Administrator C:\ID#	API\IDAPI.CFG		_ 🗆 ×
<u>O</u> bject <u>E</u> dit <u>V</u> iew O <u>p</u> tions	Help		
ε <mark>χ κ</mark> α			
Drivers and System	Definition of INIT		
Databases Configuration	Definition		
⊡- ▶ 🔁 Configuration	AUTO ODBC	FALSE	
🗄 🕨 🔀 Drivers	DATA REPOSITORY		
📴 🕨 👦 Native	DEFAULT DRIVER	PARADOX	
	LANGDRIVER	Paradox 'ascii'	
DBASE	LOCAL SHARE	TRUE	
FOXPRO	LOW MEMORY USAGE	32	
	MAXBUFSIZE	2048	
	MAXFILEHANDLES	48	
⊡ ► 📕 System	MEMSIZE	16	
	MINBUFSIZE	128	
⊡ ⊡⊡ ⊢ormats	MTS POOLING	FALSE	
	SHAREDMEMLOCATIO		•

4 Additional settings in a Windows XP environment

4.1 Registry entry to operate the WinVIEW and WinCOMS in parallel

To operate the software components WinCOMS and WinVIEW in parallel in a Windows XP environment, the following entry has to be created in the registry:

'HKEY_LOCAL_MACHINE \ Software \ Microsoft \ Jet \ 4.0 \ Engines \ Xbase' - DWORD value 'BDE = 2'

🗀 Jet 2.x		Name	Туре	Data
🛅 Jet 3.×		(Default)	REG_SZ	(value not set)
🧰 Jet 4.0		BDE	REG_DWORD	0x00000002 (2)
- Lotus		Century	REG_BINARY	00
		CollatingSequence	REG_SZ	Ascii
Paradox		ali DataCodePage	REG_SZ	OEM
		ab Date	REG_SZ	MDY
		BDbcsStr	REG_BINARY	01
		Beleted	REG_BINARY	01
		BE xact	REG_BINARY	00
- MediaPlaver		88 Mark	REG_DWORD	0×00000000 (0)
- MessengerService		RetworkAccess	REG_BINARY	01
Microsoft Reference		PageTimeout	REG_DWORD	0×00000258 (600)
	and a	win32	REG SZ	C:\WINDOWS\system32\msxbde40.dll



5 Additional settings in a Windows VISTA environment

5.1 Registry entry to operate the WinVIEW and WinCOMS in parallel

To operate the software components WinCOMS and WinVIEW in parallel in a Windows VISTA environment the following entry has to be created in the registry:

'HKEY_LOCAL_MACHINE \ Software \ Microsoft \ Jet \ 4.0 \ Engines \ Xbase' - DWORD value 'BDE = 2'

atei	Bearbeiten Ans	sicht <u>F</u> avorite	en _	2		
	🛛 📙 Internet D	omains	-	Name	Тур	Wert
	🕨 📙 Internet E	xplorer		🐠 (Standard)	REG_SZ	(Wert nicht gesetzt)
	🧧 📙 Jet			20 Century	REG_BINARY	00
d d d	4.0	-		CollatingSequen	REG_SZ	Ascii
	4-L Er	igines		DataCodePage	REG_SZ	OEM
		Excel		ab Date	REG_SZ	MDY
		let 2 v		28 DbcsStr	REG_BINARY	01
		let 3 x		B Deleted	REG_BINARY	01
		Jet 4.0		88 Exact	REG_BINARY	00
		Lotus		88 Mark	REG_DWORD	0x00000000 (0)
		ODBC		RB NetworkAccess	REG_BINARY	01
		Paradox		R PageTimeout	REG_DWORD	0x00000258 (600)
	1	Text		ab Win32	REG_SZ	C:\Windows\system32\msxbde40.dll
		xBase		RH BDE	REG_DWORD	0x0000002 (2)
	Þ- 📙 IS	AM Formats	-			
		•		•	III	

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5.2 Settings for the software component WinVIEW to access the master data

In a Windows VISTA environment the software component WinVIEW has to access to the master data via ODBC. For that, an ODBC system data source name (system DSN) has to be defined via 'Start | Settings | Control Panel | Administrative Tools | Data Sources (ODBC) | System DSN'

vstem Da	ita Sources:	THE DOIN	DIIVEIS	Hacing	COLINECTIC	in rooling	ADOU
Name	Driver					A	dd
Elster_D	B Microsoft d	Base Driver ('	[•] .dbf)			Re	move
						Conf	igure

With button 'Add ... ' a new data source name has to be defined.

Select driver '(Microsoft dBase Driver (*.dbf)'. After the selection the system DSN has to be configured:

- Fill in a data source name, for example "Elster_DB".
- This data source name will be used later on in the WinVIEW configuration.
- Set version to 'dBase III'
- Select the Elster master data directory (DBF directory) (Default: C:\Auswert\DBF)
- The check boxes 'Use Current Directory' and 'Show Deleted Rows' have to be deactivated.

Data Source Name:	Elster_DB	ОК
Description:		Cancel
Database Version: dBase Directory: C:\ELS Select Dire	TER\DEMO\DBF	Help
Use Current Direct	ory	Options>>
Collating Sequence:	ASCII Exclusive Show Deleted Rows	
Page Timeout:	5	





With the defined system DSN, the WinVIEW master data access has to be adapted for the standard user. To do that, the default settings in menu 'Options | Configure the database | Connection' have to be changed to:

Provider Connection Advanced All	
Specify the following to connect to ODBC da	ata:
1. Specify the source of data:	
Use data source name	
Elster_DB	Refresh
C Use connection string	
Connection string:	
	Build
2. Enter information to log on to the server	
User name: ADMIN	
Propuert:	
	-
Blank password I Allow savi	ing password
3. Enter the initial catalog to use:	
C:\ELSTER\DEMO\DBF\	-
· · · · · · · · · · · · · · · · · · ·	
	Test Connection
	Test Connection
	Test Connection

In 'Use data source name' choose the one which was configured above. Via button 'Test Connection' the connection to the master data base could be tested.

5.3 Display the help files

To display the help files (so called '.hlp' files) the windows help program 'WinHlp32.exe' is needed. If it is not installed it could be downloaded from the Microsoft homepage

http://www.microsoft.com/downloads/details.aspx?FamilyID=6ebcfad9-d3f5-4365-8070-334cd175d4bb&DisplayLang=en

Alternative:

Microsoft download center <u>www.microsoft.com/downloads/en/</u> - Search 'WinHlp32.exe Windows Vista'

Before the download could be executed an operating system validation is required. After those please load file 'Windows6.0-KB917607-x86.msu'.



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5.4 Data synchronization with ReadMobile

To communicate with mobile devices the operating system Windows VISTA uses the software ,Windows Mobile Device Center' instead of the software ,ActiveSync', used in a Windows 2000 or Windows XP environment.

If the software is not installed it could be downloaded from the Microsoft homepage <u>http://www.microsoft.com/windowsmobile/en-us/downloads/microsoft/device-center-download.mspx</u> - Selection '32-Bit version'.

Alternative:

Microsoft download center www.microsoft.com/downloads/en/

- Search 'drvupdate-x86.exe'.

Before the download could be executed an operating system validation is required.

6 Additional settings in a Windows 7 environment

6.1 Registry entry to operate the WinVIEW and WinCOMS in parallel

To operate the software components WinCOMS and WinVIEW in parallel in a Windows 7 environment the following entry has to be created in the registry:

'HKEY_LOCAL_MACHINE \ Software \ Microsoft \ Jet \ 4.0 \ Engines \ Xbase' - DWORD value 'BDE = 2'

⊳ - 🍌 IsoBurn	*	Name	Туре	Data
a 🃗 Jet		(Default)	REG SZ	(value not set)
⊿ - <mark>)</mark> 4.0		BDE	REG_DWORD	0x00000002 (2)
⊿ 🍶 Engine	es i	86 Century	REG_BINARY	00
		ab CollatingSequence	REG_SZ	Ascii
Exc.	2 v	ab DataCodePage	REG_SZ	OEM
Jet lat	3.	ab Date	REG_SZ	MDY
Jet let	40	100 DbcsStr	REG_BINARY	01
	tus	100 Deleted	REG_BINARY	01
	BC	88 Exact	REG_BINARY	00
Par	radox	188 Mark	REG_DWORD	0x00000000 (0)
— Те	xt	100 NetworkAccess	REG_BINARY	01
xBa	ase	200 PageTimeout	REG_DWORD	0x00000258 (600)
D - 🚺 ISAM F	Formats	ab Win32	REG_SZ	C:\Windows\system32\msxbde40.dll
Transp	oorter 👻	1.23		52
< III	•	4	III	





6.2 Settings for the software component WinVIEW to access the master data

In a Windows 7 environment the software component WinVIEW has to access to the master data via ODBC. For that an ODBC system data source name (system DSN) has to be defined via 'Start | Settings | Control Panel | Administrative Tools | Data Sources (ODBC) | System DSN'

or Don	System DSN	File DSN	Drivers	Tracing	Connectio	n Pooling	Abou
y <mark>ste</mark> m Da	ta Sources:						
Name	Driver					A	<u>d</u> d
elster_dt	Microsoft dBa	ise Driver (*.	dbf)			<u> </u>	move
						Com	figure

With button 'Add ...' a new data source name has to be defined.

Select driver '(Microsoft dBase Driver (*.dbf)'. After the selection the system DSN has to be configured:

- Fill in a data source name, for example "elster_db".
- This data source name will be used later on in the WinVIEW configuration.
- Set version to 'dBase III'
- Select the Elster master data directory (DBF directory) (Default: C:\Auswert\DBF)
- The check boxes 'Use Current Directory' and 'Show Deleted Rows' have to be deactivated.

ODBC dBASE Setup		-? <mark>-</mark> ×
Data Source <u>N</u> ame:	elster_db	ОК
Description:		Cancel
Database <u>V</u> ersion: dBase	III -	<u>H</u> elp
Directory: C:\AUS	WERT\DEMO\DBF	
Use Current Direct	ory	Options>>
Driver		
Page Timeout:	5 Show Deleted Rows	





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With the defined system DSN the WinVIEW master data access has to be adapted for the standard user. To do that the default settings in menu 'Options | Configure the database | Connection' have to be changed to:

Provider	Connection Advanced All
Specify	the following to connect to ODBC data:
1. Spe	ecify the source of data:
0	🖲 Use <u>d</u> ata source name
	elster_db
-	
	Connection string
	Build
2. Ent	er information to log on to the server
l	Jser <u>n</u> ame: ADMIN
F	Password:
ī	Black password Allow saving password
3. Ent	er the i <mark>nitial catal</mark> og to use:
	C:\AUSWERT\DBF\
	Test Connection

In 'Use data source name' choose the one which was configured above. Via button 'Test Connection' the connection to the master data base could be tested.

6.3 Display the help files

To display the help files (so called '.hlp' files) the windows help program 'WinHlp32.exe' is needed. If it is not installed it could be downloaded from the Microsoft homepage

http://www.microsoft.com/downloads/details.aspx?familyid=258AA5EC-E3D9-4228-8844-008E02B32A2C&displaylang=en

Alternative:

Microsoft download center www.microsoft.com/downloads/en/

- Search 'WinHlp32.exe Windows 7'

Before the download could be executed an operating system validation is required. After those please load file , Windows6.1-KB917607-x86.msu' (for 32 Bit versions).



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If the software is not installed it could be downloaded from the Microsoft homepage <u>http://www.microsoft.com/windowsmobile/en-us/downloads/microsoft/device-center-download.mspx</u> - Selection '32-Bit version'.

Alternative:

Microsoft download center www.microsoft.com/downloads/en/

- Search 'drvupdate-x86.exe'.

Before the download could be executed an operating system validation is required.

7 Rights for Operation

After the software installation is done the rights for a standard user have to be set:

• Full access rights to the INI files in the Windows folder:

Software components	INI files in the Windows
	folder
WinPADS DS/EK	wpdsek.INI
WinPADS TC90	WPTC90.INI
WinLIS	win.INI, WINLIS.INI
WinCOMS, WinVIEW	WINCOMS.INI
WinVIEW-Import	WV_Impo.INI

• Full access to the program folder were the Elster software is installed

Software components	Default Installation
	directory
WinPADS	C:\WinPADS\
WinLIS, WinCOMS	C:\AUSWERT\
others	C:\Program files\Elster\

- Full access to the folder were the Elster database is installed
- Full access to the folder were the BDE is installed; normally 'C:\IDAPI'
- Read access to the registry; in addition also write access to the entries: *'HKEY_LOCAL_MACHINE \ SOFTWARE \ ELSTER' 'HKEY_LOCAL_MACHINE \ SOFTWARE \ BORLAND' 'HKEY_LOCAL_USER \ SOFTWARE\ ELSTER'*