

WinSign NG

Version: 4.10

System manual

English



System manual No. 2007-101 Rev. L

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2 Introduction

2.1 General

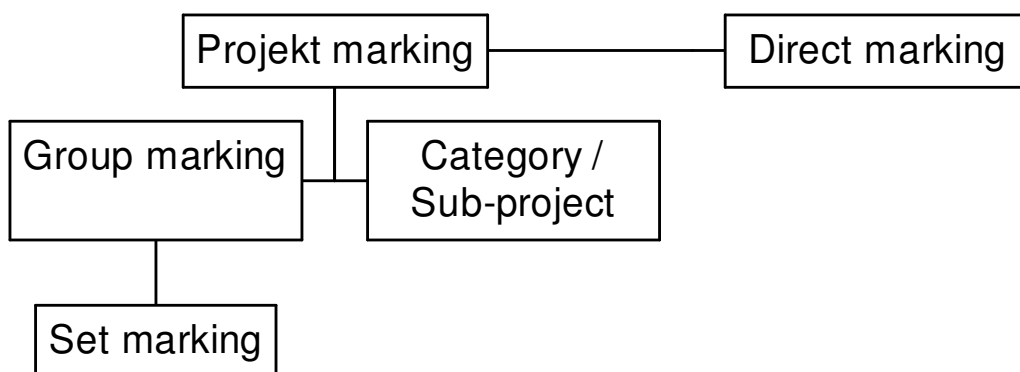
This manual is aimed first and foremost at the computer engineers within the company; the manual contains many specialist terms, which are not explained in the main text.

If any sections etc. are still unclear, please call Partex for further information.

WinSign is constructed for 32 bits C++ and compiled with Microsoft Visual C++ .Net.

2.2 Database Structure

- A project and a direct marking comprise its own database.
- A group marking comes within a project. A project can have more than one group.
- A marker always comes within a group marking. A group can have more than one marker.



3 Data structure

3.1 Installed directories

Describe which directories and files are created during installation (if recommended designations are kept). WinSignNG (main map) \ Data (sub-map to WinSign's map)
NB! The path in WinSignNG.ini ([PATH]) will be automatically right if the application will be installed with default path, otherwise the path must be changed in WinSignNG.ini

3.2 Installed files

WinSignNG (main directory):

| | |
|---------------------------------|---|
| WinSignNG.ini | Initiation file for system settings (Ref. system files construction) |
| .mod (individual product files) | Product marking module file |
| .elj (Eljo product files) | Product marking module file |
| .tho (Thorsman product files) | Product marking module file (Ref system files construction) |
| Butil.exe | Btrieve database program's run file 32 bits |
| W32mkde.exe | Btrieve database program's run file 32 bits |
| W32mkset.exe | Btrieve database program's run file 32 bits |
| Wbexec.exe | Btrieve database program's run file 32 bits |
| Wbmanage.exe | Btrieve database program's run file 32 bits |
| Wbroll.exe | Btrieve database program's run file 32 bits |
| WinSignNG.exe | WinSign application run file |
| Kundinf.dat | License file – (unique for each customer) |
| Butil.dll | dll file for Btrieve, database program |
| W32mkrc.dll | dll file for Btrieve, database program |
| W32mkset.dll | dll file for Btrieve, database program |
| Wbrollrs.dll | dll file for Btrieve, database program |
| Wbtrcall.dll | dll file for Btrieve, database program |
| Wbtrthink.dll | dll file for Btrieve, database program |
| Wbtrv32.dll | dll file for Btrieve, database program |
| Wbtrvres.dll | dll file for Btrieve, database program |
| Wdbuei.dll | dll file for Btrieve, database program |
| Wdbumk.dll | dll file for Btrieve, database program |
| Wdbuui.dll | dll file for Btrieve, database program |
| W32mkset.gid | gid file for Btrieve, database program |
| Wbmanage.gid | gid file for Btrieve, database program |
| WinSignNG.hlp | help file for WinSign |
| W32mkset.hlp | help file for Btrieve, database program |
| Wbmanage.hlp | help file for Btrieve, database program |
| Wbtrcall.lib | Library file for Btrieve, database program |
| Wbtrv32.lib | Library file for Btrieve, database program |
| Wbtrv32x.lib | Library file for Btrieve, database program |
| Vinstall.log | Setup file for installation program |
| WinSign32Pro.opt | Setup file for installation program |
| Ptxmin.bmp | bitmap file for Partex logo |
| Plotter.plt | Initiation file for plotter operation |
| .prn | Production printout t file |
| conlib.ini | Conversion library for ELPROCAD tool |
| Eplan.pdf | Manual for the Eplan tool |
| Elprocad.pdf | Manual for the ELPROCAD tool |

| | |
|------------------------------|---|
| MK-1_eng.rtf | English Group dialog information for MK1 |
| MK-1_swe.rtf | Swedish Group dialog information for MK1 |
| MK-1_ita.rtf | Italian Group dialog information for MK1 |
| MK-1_fra.rtf | French Group dialog information for MK1 |
| MK-3_eng.rtf | English Group dialog information for MK3 |
| MK-3_swe.rtf | Swedish Group dialog information for MK3 |
| MK-3_ita.rtf | Italian Group dialog information for MK3 |
| MK-3_fra.rtf | French Group dialog information for MK3 |
| MK-6_eng.rtf | English Group dialog information for MK6 |
| MK-6_swe.rtf | Swedish Group dialog information for MK6 |
| MK-6_ita.rtf | Italian Group dialog information for MK6 |
| MK-6_fra.rtf | French Group dialog information for MK6 |
| MK-9_eng.rtf | English Group dialog information for MK9 |
| MK-9_swe.rtf | Swedish Group dialog information for MK9 |
| MK-9_ita.rtf | Italian Group dialog information for MK9 |
| MK-9_fra.rtf | French Group dialog information for MK9 |
| MK-9NG_eng.rtf | English Group dialog information for MK9-NG |
| MK-9NG_swe.rtf | Swedish Group dialog information for MK9-NG |
| MK-9NG_ita.rtf | Italian Group dialog information for MK9-NG |
| MK-9NG_fra.rtf | French Group dialog information for MK9-NG |
| PRINTER_eng.rtf | English Group dialog information for printers |
| PRINTER_swe.rtf | Swedish Group dialog information for printers |
| PRINTER_ita.rtf | Italian Group dialog information for printers |
| PRINTER_fra.rtf | French Group dialog information for printers |
| xcom_dll.dll | dll-file belonging Partex Marking Systems AB |
| colour.ini | Colour settings file |
| PlotUSB.dll | dll-file for USB communication of the MK1 Plotter |
| Partexcad.pdf | Manual for the Partex CAD tool |
| logon.ini | File for Partex SQL database |
| Detalj.exe | File for report printing via SQL |
| detalj.rpt | File for report printing via SQL |
| konverteringsrapport.exe | File for report printing via SQL |
| konverteringsrapport.rpt | File for report printing via SQL |
| Körrapport.exe | File for report printing via SQL |
| Körrapport.rpt | File for report printing via SQL |
| Motläsningsrapport.exe | File for report printing via SQL |
| Motläsningsrapport.rpt | File for report printing via SQL |
| Projektrapport.exe | File for report printing via SQL |
| Projektrapport.rpt | File for report printing via SQL |
| Sorteringsrapport.exe | File for report printing via SQL |
| Sorteringsrapport.rpt | File for report printing via SQL |
| Sortering_Packrapport.exe | File for report printing via SQL |
| Sortering_Packrapport.rpt | File for report printing via SQL |
| UR_detalj.exe | File for report printing via SQL |
| UR_detalj.rpt | File for report printing via SQL |
| UR_konverteringsrapport.exe | File for report printing via SQL |
| UR_konverteringsrapport.rpt | File for report printing via SQL |
| UR_Körrapport.exe | File for report printing via SQL |
| UR_Körrapport.rpt | File for report printing via SQL |
| UR_Motläsningsrapport.exe | File for report printing via SQL |
| UR_Motläsningsrapport.rpt | File for report printing via SQL |
| UR_Sorteringsrapport.exe | File for report printing via SQL |
| UR_Sorteringsrapport.rpt | File for report printing via SQL |
| UR_Sortering_Packrapport.exe | File for report printing via SQL |
| UR_Sortering_Packrapport.rpt | File for report printing via SQL |
| Z_detalj.exe | File for report printing via SQL |
| Z_detalj.rpt | File for report printing via SQL |
| Z_konverteringsrapport.exe | File for report printing via SQL |
| Z_konverteringsrapport.rpt | File for report printing via SQL |

| | |
|-----------------------------|----------------------------------|
| Z_Körrapport.exe | File for report printing via SQL |
| Z_Körrapport.rpt | File for report printing via SQL |
| Z_Motläsningsrapport.exe | File for report printing via SQL |
| Z_Motläsningsrapport.rpt | File for report printing via SQL |
| Z_Sorteringsrapport.exe | File for report printing via SQL |
| Z_Sorteringsrapport.rpt | File for report printing via SQL |
| Z_Sortering_Packrapport.exe | File for report printing via SQL |
| Z_Sortering_Packrapport.rpt | File for report printing via SQL |

The following folders and file is located in WinSigns data folder:

Alstom**Bombardier****Conv**

- Contains 6 STANDARD files which belongs to xcom_dll.dll
STANDARD.CA
STANDARD.CL
STANDARD.CM
STANDARD.CO
STANDARD.CP
STANDARD.CT

IGEXAO**Iveco****Out****R****W****Direkt.btr**

This is the direct marking database file. It's regenerated if erased.

These folders are Partex specific and some customer specific. Please, contact Partex Marking Systems AB for more information. WinSigns project files (*.btr) are saved in the data folder.

Files with extension (.tho) and (.elj) are company specific for Thorsman and Eljo.

These system files will also be added to your WinSign NG folder:

Mfc70.dll
Msvc70.dll
Msflxgrd.ocx
Richtx32.ocx
Msmapi32.ocx

Note: For Windows 2000 and Windows XP, you need to have administrator rights on your machine when installing, otherwise some of the above files can't be registered in the system. This will cause WinSign to behave strange, or not work at all.

4. System -files

4.1 WinSignNG.ini

NB! The values below apply to Partex development projects.

Specify search path to database.

```
[PATH]
#Database location
BasPath=C:\Partex\WinSignNG\Data\
```

**Specify the path to the IGE
XAO conversion, Iveco and
Alstom conversions.**

```
# Save path for IGE_XAO import
IGE_XAO_Path=c:\partex\WinSignNG\Data\IGEXAO\
# EuroElectra Iveco Path
Euro_Electra_Iveco_Path=c:\partex\WinSignng\data\iveco\
# EuroElectra Alstom path
EuroElectra_Alstom_Path=c:\partex\WinSignng\data\alstom\
```

**Specify default Font, size,
alignment on marker text and if
text marking should be active.
The last Temp rows are being
used as Temp variables by
WinSign. The alternative
TextAttribute is if you want some
standard text attribute when
starting WinSign.**

```
[SYSTEM]
#Number generator in GUI adjustment. Left or Right
NrGenAdjust = Left
# Default Font and size at program start
TextFont=Tahoma
FontSize=14
# Text alignment (horizontal) on editor text field, available Center, Left, Right
TextAdjust=Left
# B = bold, U = underline, S = Strikethru, I = Italic. Settings for defaults at startup
TextAttribute=
# Automatically or manually selection of entire text, available Yes, No
MarkAttribute=Yes
```

```
# Don't use - This parameters are overwritten by the program at startup
TempTextFont=Tahoma
TempFontSize=10
TempTextAdjust=Left
TempAttribute=
TempTextAttribute=
```

Specify if old style of work will be used (WS32 2.95). Alternative to set WinSign for working in production mode, or retail mode. When Internet mode is implemented the reciver can be specified.

```
# Use the advanced markerdialog for new direct marking. (startup)
OldDirectMode=0
# If ProductionEnable=1, then Partex M2 mode is enabled
ProductionEnable=0
# Partex Internet, this is the adress the database is sent to
SendTo=WinSign@partex.se
#Display preview print out warning
PreviewInformation=Yes
#Display save warning
ProjectName=Yes
#Enable / disable symbols
Symbols=0

TempPartModul=1029
# TempCabModul=3030
# TempCabProfilFarg=0
# TempCabTextFarg=0
TempPartProfilFarg=4
TempPartTextfarg=0
# TempAllMachines=0
ScrollLockEdit=Yes
MK9NGInformation=Yes
NrGenNrSystem=0
#Sökväg som databasen skall flyttas till om man kör mot lokal kopia.
LocalCopyPath=C:\temp\ptx
```

```
[M2Production]
#PrintDefaultSOR = All None
PrintDefaultSOR = All
#PrintDefaultCAB = All None Only
PrintDefaultCAB = All
```

**Specify which characters
WinSign not will give warnings
for.**

[IMPORT]

Define characters to ignore warnings when importing files

SpecialChar=-+,:;_

Use the & character as line break character when importing files. And also the path way where the log files will be saved when producing in M2 mode.

```
# Settings under PRODUCTION will only be used if ProductionEnable=1
[PRODUCTION]
# Use the &-character as new line
UseAndCharacter=1
# Path to database and run logfiles
DatabaseLogPath=X:\Prod\Avd_20\logg\data\
RunLogpath=X:\Prod\Avd_20\logg\run\
```

Specify selectable categories for group markings.

```
[CATEGORIES]
# Available Categories for connecting with groupmarkings
CAT1=Fuses
CAT2=Cubicle
CAT3=Control Panel
CAT4=Assemble
```

Specify filling digits for number generator.

```
[FILLING]
# Filling digits for numbersequences
FILL1=0
FILL2=A
FILL3=Z
FILL4=>
FILL5=X
```

Bombardier tools settings. Contact Partex for more information.

```
[Bombardier]
Path=C:\partex\WinSignNG\data\bombardier\
Number=4
Name1=PA02
Max1=0.8
Name2=PA1
```

Max2=3
Name3=PA2
Max3=6
Name4=PA3
Max4=18

Eplan settings. Here you set if the module should be activated in WinSign, and specifies separator characters. Here you can define different marker types.

[Eplan]
Enable=1
Separator characters for Eplan
SEPARATOR1=
SEPARATOR2=/
SEPARATOR3=\
SEPARATOR4=%
Area conversion PA
#PA -markers
MARKERTYPE1=PA+02
MIN1=0.1
MAX1=1.5
MARKERTYPE2=PA+1
MIN2=1.6
MAX2=4.0
MARKERTYPE3=PA+2
MIN3=4.1
MAX3=16.0
MARKERTYPE4=PA3
MIN4=16.1
MAX4=70.0
#PC -markers
MARKERTYPE5=PC10
MIN5=0.4
MAX5=1.5
MARKERTYPE6=PC20
MIN6=1.6
MAX6=3.0
MARKERTYPE7=PC30
MIN7=3.1
MAX7=4.0
MARKERTYPE8=PC40
MIN8=4.1
MAX8=5.0
#PO -markers
MARKERTYPE9=PO01

MIN9=0.1
MAX9=0.25
MARKERTYPE10=PO02
MIN10=0.26
MAX10=0.5
MARKERTYPE11=PO03
MIN11=0.51
MAX11=0.75
MARKERTYPE12=PO04
MIN12=0.76
MAX12=1.0
MARKERTYPE13=PO05
MIN13=1.1
MAX13=1.5
MARKERTYPE14=PO06
MIN14=1.6
MAX14=2.5
MARKERTYPE15=PO07
MIN15=2.6
MAX15=4.0
MARKERTYPE16=PO08
MIN16=4.1
MAX16=6.0
MARKERTYPE17=PO09
MIN17=6.1
MAX17=10.0
MARKERTYPE18=PO10
MIN18=10.1
MAX18=16.0
MARKERTYPE19=PO12
MIN19=16.1
MAX19=20.0
MARKERTYPE20=PO14
MIN20=20.1
MAX20=25.0
MARKERTYPE21=PO16
MIN21=25.1
MAX21=35.0
MARKERTYPE22=PO18
MIN22=35.1
MAX22=50.0
MARKERTYPE23=PO20
MIN23=50.1
MAX23=70.0
MARKERTYPE24=PO22
MIN24=70.1
MAX24=95.0
MARKERTYPE25=PO24
MIN25=95.1

MAX25=120.0
MARKERTYPE26=PO26
MIN26=120.1
MAX26=150.0
MARKERTYPE27=PO28
MIN27=150.1
MAX27=185.0
SUB1=0
SUB2=0
SUB3=0
SUB4=0
SUB5=0
SUB6=0
SUB7=0
SUB8=0
SUB9=0
SUB10=1
SUB11=0
SUB12=0
MAIN=3
TEMP_SEP=4

**Partex CAD settings. Here you can
define different marker types.**

[CAD]
Area conversion PA
#PA -markers
MARKERTYPE1=PA+02
MIN1=0.1
MAX1=1.5
MARKERTYPE2=PA+1
MIN2=1.6
MAX2=4.0
MARKERTYPE3=PA+2
MIN3=4.1
MAX3=16.0
MARKERTYPE4=PA3
MIN4=16.1
MAX4=70.0
#PC -markers
MARKERTYPE5=PC10
MIN5=0.4
MAX5=1.5

MARKERTYPE6=PC20
MIN6=1.6
MAX6=3.0
MARKERTYPE7=PC30
MIN7=3.1
MAX7=4.0
MARKERTYPE8=PC40
MIN8=4.1
MAX8=5.0
#PO -markers
MARKERTYPE9=PO01
MIN9=0.1
MAX9=0.25
MARKERTYPE10=PO02
MIN10=0.26
MAX10=0.5
MARKERTYPE11=PO03
MIN11=0.51
MAX11=0.75
MARKERTYPE12=PO04
MIN12=0.76
MAX12=1.0
MARKERTYPE13=PO05
MIN13=1.1
MAX13=1.5
MARKERTYPE14=PO06
MIN14=1.6
MAX14=2.5
MARKERTYPE15=PO07
MIN15=2.6
MAX15=4.0
MARKERTYPE16=PO08
MIN16=4.1
MAX16=6.0
MARKERTYPE17=PO09
MIN17=6.1
MAX17=10.0
MARKERTYPE18=PO10
MIN18=10.1
MAX18=16.0
MARKERTYPE19=PO12
MIN19=16.1
MAX19=20.0
MARKERTYPE20=PO14
MIN20=20.1
MAX20=25.0
MARKERTYPE21=PO16
MIN21=25.1
MAX21=35.0

MARKERTYPE22=PO18
MIN22=35.1
MAX22=50.0
MARKERTYPE23=PO20
MIN23=50.1
MAX23=70.0
MARKERTYPE24=PO22
MIN24=70.1
MAX24=95.0
MARKERTYPE25=PO24
MIN25=95.1
MAX25=120.0
MARKERTYPE26=PO26
MIN26=120.1
MAX26=150.0
MARKERTYPE27=PO28
MIN27=150.1
MAX27=185.0
#SUB1=1
#SUB2=0
#SUB3=0
#SUB4=0
#SUB5=0
#SUB6=0
#SUB7=0
#SUB8=0
#SUB9=0
#SUB10=0
#SUB11=0
#SUB12=0
#SUB13=0
#SUB14=0
#SUB15=0
#SUB16=0
#SUB17=0
#SUB18=0
#SUB19=0
#SUB20=0
#SUB21=0
#MAIN=1
SUB1=1
SUB2=2
SUB3=3
SUB4=4
SUB5=5
SUB6=6
SUB7=7
SUB8=0
SUB9=0

SUB10=0
SUB11=0
SUB12=0
SUB13=0
SUB14=0
SUB15=0
SUB16=0
SUB17=0
SUB18=0
SUB19=0
SUB20=0
SUB21=0
MAIN=1
SUB22=0

ELPROCAD settings. Here you set if the module should be activated in WinSign, and specifies separator characters. Here you can define different marker types.

```
[Elprocad]
Enable=1
# Separator characters for Elprocad
SEPARATOR1=.
SEPARATOR2=/
SEPARATOR3=\
SEPARATOR4=%
# Area conversion PA
#PA -markers
MARKERTYPE1=PA+02
MIN1=0.1
MAX1=1.5
MARKERTYPE2=PA+1
MIN2=1.6
MAX2=4.0
MARKERTYPE3=PA+2
MIN3=4.1
MAX3=16.0
MARKERTYPE4=PA3
MIN4=16.1
MAX4=70.0
#PC -markers
MARKERTYPE5=PC10
MIN5=0.4
MAX5=1.5
MARKERTYPE6=PC20
MIN6=1.6
MAX6=3.0
MARKERTYPE7=PC30
MIN7=3.1
MAX7=4.0
MARKERTYPE8=PC40
MIN8=4.1
MAX8=5.0
#PO -markers
MARKERTYPE9=PO01
MIN9=0.1
MAX9=0.25
MARKERTYPE10=PO02
MIN10=0.26
MAX10=0.5
```

MARKERTYPE11=PO03
MIN11=0.51
MAX11=0.75
MARKERTYPE12=PO04
MIN12=0.76
MAX12=1.0
MARKERTYPE13=PO05
MIN13=1.1
MAX13=1.5
MARKERTYPE14=PO06
MIN14=1.6
MAX14=2.5
MARKERTYPE15=PO07
MIN15=2.6
MAX15=4.0
MARKERTYPE16=PO08
MIN16=4.1
MAX16=6.0
MARKERTYPE17=PO09
MIN17=6.1
MAX17=10.0
MARKERTYPE18=PO10
MIN18=10.1
MAX18=16.0
MARKERTYPE19=PO12
MIN19=16.1
MAX19=20.0
MARKERTYPE20=PO14
MIN20=20.1
MAX20=25.0
MARKERTYPE21=PO16
MIN21=25.1
MAX21=35.0
MARKERTYPE22=PO18
MIN22=35.1
MAX22=50.0
MARKERTYPE23=PO20
MIN23=50.1
MAX23=70.0
MARKERTYPE24=PO22
MIN24=70.1
MAX24=95.0
MARKERTYPE25=PO24
MIN25=95.1
MAX25=120.0
MARKERTYPE26=PO26
MIN26=120.1
MAX26=150.0
MARKERTYPE27=PO28

MIN27=150.1
MAX27=185.0

Settings for timeout (number of characters), height and width, distance between rows.

[MK1]
Default communication port for machine
ComPort=1
Timeout 2000=STANDARD(15digit),6000=SPECIAL(23digit)
MK-TIMEOUT=2000
Measurement in 0.10 of mm - Character width and height
CHARWIDTH=25
CHARHEIGHT=50
Distance between rows on a marker (0.10 of mm)
RowDistance=15
USB 1 = enabled, 0 = disabled
USB=1

Specify com port for SP1.

[SP1]
Default communication port for machine
ComPort=1

| |
|---|
| Settings for the Partex production machine MK4. Not jet implemented. |
|---|

```
[MK4]
# Default communication port for machine
ComPort=1
# Output filename and location
OutFile=c:\t.prn
# Don't use - This parameters are overwritten by the program
CUTTING=0
TEMPERATURE=195
KNIFE=33
SPEED=254
# RESOLUTION=8
# Text Adjustment in 1/10 of mm
XAdjustment=0
YAdjustment=0
# in 10's mm
AdditionalLength=1
DefaultLength=0
```

| |
|---|
| Calibration information for the Partex production machine MK4. |
|---|

```
[MK4_CALIBRATION]
# Calibration value for product types
NAME1=PK
CAL1=15
NAME2=PA
CAL2=20
NAME3=PHZ
CAL3=124
```

Settings for the production machine ProMark. Here you define which characters that the machine cannot print. Default lengths, fonts, text adjustments. Set CHARSET to CE for European MK9-NG and US for American MK9-NG.

[PROMARK]

Warning_Char=ÅÄÖåäöüß

Default marker length in 1/10mm's

DefaultMarkerLength=200

Text alignment, available C for Center, L for Left, R for Right

MarkerCenter=C

Text font used for preview

MarkerFont=Courier New

US or European LM380. CE for Europe and US for USA

CHARSET = CE

[PKS], [PKS_MANUELL] and [PKS_WELAND] is Partex own production machines. Below you will see the settings for those. Contact Partex for more information.

[PKS]

ComPort=1

Baud=9600

Databits=8

Parity=N

Stopbits=1

#i ms between each marker

Delay=1500

EndChar=123

L0=8

L1=13

L2=19

L3=25

L4=30

L5=50

[PKS_MANUAL]

ComPort=1

Baud=9600
Databits=8
Parity=N
Stopbits=1
#i ms between each marker
Delay=10
L0=11
L1=18
L2=27
L3=35
L4=43

[PKS_WELAND]
Directory=C:\tmp\
Number=00000003
L0=8
L1=13
L2=19
L3=25
L4=30
L5=50
L6=57

Settings for Partex internal report system. Please, contact Partex for more information.

[ReportDatabase]
Database=PartexReport
Server=(local)\SQLEXPRESS
User=sa
Password=partex

Settings for Partex own internal import format. Contact Partex for more information.

[Xcom]
ConvertPath=c:\partex\WinSignNg\Data\Conv\
TmpPath=c:\partex\WinSignNg\Data\
OutPath=c:\partex\WinSignNg\Data\Out\
EditorCommand=c:\program\notepad++\notepad++.exe "%s" -n%d
LastSOR=1
Dissolvepag=1

The information displayed in the dialog when starting WinSign.

[User]

Name=Henrik Gustavsson

Company=Partex Marking System AB

Department=IT

Definitions:**PATH**

BasPath=C:\Partex\WinSignNG\Data

Describe the search path to the databases. NB! If the wrong search path is specified, no database files will be displayed when WinSign starts, and the path description must be completed with a \.

IGE_XAO_Path=C:\partex\WinSignNG\Data\IGEXAO

Describes the search path to where the IGE XAO conversion is saved. The path description must be completed with a \.

EuroElectra_Iveco_Path=C:\partex\WinSignNG\Data\Iveco

Describes the search path to where the Iveco conversion is saved. The path description must be completed with a \.

EuroElectra_Alstom_Path=C:\partex\WinSignNG\Data\Alstom

Describes the search path to where the Alstom conversion is saved. The path description must be completed with a \.

SYSTEM

NrGenAdjust=Left

Specify the alignment of the number generator. Inactivated in this version of WinSign.

TextFont=Arial FontSize=10

Pre-set font type and size for use when create, edit and number generated markers. Selectable are the installed font types in the operating system.

TextAdjust=Center

Pre-set text alignment (horizontal) of marker text for use when create, edit and number generated markers, available center, left, right

TextAttribute=

Specify one or more of these characters; B, S, U and I in any order after TextAttribute=.

Explanation of the characters:

B = Bold style

S = Strikethrough style

U = Underline style

I = Italic style

If any of these is activated in the ini-file, then the same text formatting controls will be activated at start-up of WinSign.

MarkAttribute=Yes

Activates text marking as default. When activated, bold, italic, under line and strike through is applied to the marker text without the need of selecting the text first. This option can be activated/deactivated during run in the production dialog if so.

TempTextFont=Tahoma

TempFontSize=10

TempTextAdjust=Left

TempAttribute=

Variables which is used by WinSign to save the font settings from the previous marker when clicking New marker. Do not change these values.

OldDirectMode=0

If value is set to 1, the advance Set Marking dialog will be displayed each time a direct marking is created.

ProductionEnable=0

If value is set to 1, then support for Partex own machines, tools and features in WinSign will be enabled.

SendTo=WinSign@partex.se

Jet not activated in WinSign. Used when a database is sent to Partex for production. The value is the e-mail address where the database is sent to.

PreviewInformation=Yes

The value indicates if a warning message should be displayed if the user clicks on the preview button.

ProjectName=Yes

The value indicates if a warning message (information) should be displayed, about erroneous file saving, if the user is trying to save a database file.

Symbols=0

If the value is set to 1, then the support for importing symbols will be activated.

ScrollLockEdit=Yes

The value indicates if the cells in the grid shall be set in automatic edit mode.

MK9NGInformation=Yes

The value indicates if a warning dialogue shall displayed for MK9NGs settings.

NrGenNrSystem=0

The value indicates if the advanced number generator will be used for decimal eller hexadecimal number system.

Path to a local database copy if a server will be used for storing.

LocalCopyPath=C:\temp\ptx

M2Production

PrintDefaultSOR=All

The value can be set to All or None. This is only for Partex internal production.

PrintDefaultCAB=All

The value can be set to All, Only or None. This is only for Partex internal production.

IMPORT

SpecialChar=-+,,:_

When importing Excel or text files, WinSign will warn if a special character is being used (non-special characters: a-z, 0-9). Those characters listed in the IMPORT are those special characters he will not warn about.

PRODUCTION

The values described in this menu is activated only when ProductionEnable=1 in [SYSTEM].

UseAndCharacter=1

When import of *.skv, *.csv and *.txt files the & character is used as a line break character. Can be deactivated by setting the value to 0.

DatabaseLogPath=X:\Prod\Avd_20\logg\data

Path where the project log file is saved. The log file contains all information about the project that was entered in the project information dialog in WinSign.

RunLogpath=X:\Prod\Avd_20\logg\run

Path where the run log file is saved. A log file with all information is created each time a user run a marking machine in WinSign. It contains for eg. character height, position, profile, date , machine etc. etc.

CATEGORIES

Every group marking must be linked to a category they are listed below. Category names can be edited, by filling the list in number sequence new categories can be created.

CAT1=Fuses

CAT2=Cubicle

FILLING

Filling digits can be used for ex. Number generation of 0 – number series, filling digits is listed below and can be edited, new filling digits can be created by filling the list in number sequence.

FILL1=0

FILL2=A

EuroElectraIveco

Enable=0

Disable/Enable the Iveco module in WinSigns interface.

EuroElectraAlstom

Enable=0

Disable/Enable the Alstom module in WinSigns interface.

BOMBARDIER

Path=C:\partex\WinSignNG\data\bombardier

Number=4

Name1=PA02

Max1=0.8

Name2=PA1

Max2=3

Name3=PA2

Max3=6

Name4=PA3

Max4=18

This section is for Bombardier Denmark's access import tool, which Partex has developed for them. Contact Partex for more information.

Eplan

Enable=0

Disable/enable the Eplan module in WinSigns user-interface.

Separator characters for Eplan

SEPARATOR1=.

SEPARATOR2=/

SEPARATOR3=

SEPARATOR4=%

In this section the separators is defined that will be used when importing E-plan files in WinSign. If a %-character is used as separator, it will be converted to a space character at import.

MARKERTYPE1=PA+02

MIN1=0.1

MAX1=1.5

...

...

You can change or edit the predefined area values in this section, or you can add new ones. By incrementing the number series written after MARKERTYPE, MIN and MAX, you can add new definitions. Both . and , can be used as decimal separators.

SUB1=0

SUB2=0

SUB3=0

...

...

MAIN=3

TEMP_SEP=4

This part is created the first time you use the Eplan tool. The fields are used for saving your choices for the next time, so you don't need to remember you settings.

ELPROCAD

Enable=0

Disable/enable the ELPROCAD module in WinSigns user-interface.

Separator characters for Elprocad

SEPARATOR1=.

SEPARATOR2=/

SEPARATOR3=

SEPARATOR4=%

In this section the separators is defined that will be used when importing ELPROCAD files in WinSign. If a %-character is used as separator, it will be converted to a space character at import.

MARKERTYPE1=PA+02

MIN1=0.1

MAX1=1.5

...

...

You can change or edit the predefined area values in this section, or you can add new ones.

By incrementing the number series written after MARKERTYPE, MIN and MAX, you can add new definitions. Both . and , can be used as decimal separators.

CAD

MARKERTYPE1=PA+02

MIN1=0.1

MAX1=1.5

...

...

New values and predefined values can be changed in this section. New values can be added by adding new lines and increasing the number after MARKERTYPE, MIN and MAX. Both , and . can be used as decimal separator.

MK1

Settings for Com port number and type of port (USB or COM), Timeout between markers (different marker lengths) distance between rows, character height and width (0.10 mm).

ComPort=1

Timeout 2000=STANDARD(15digit), 6000=SPECIAL(23digit)

MK-TIMEOUT=2000

Measurement in 0.10 of mm - Character width and height

CHARWIDTH=25

CHARHEIGHT=50

Distance between rows on a marker (0.10 of mm)

RowDistance=15

USB 1 = enabled, 0 = disabled

USB=1

SP1

Production unit connected to *ComPort=1*

MK4

Settings for the Partex production machine MK4.

ComPort=1
OutFile=c:\t.prn
CUTTING=0
TEMPERATURE=195
KNIFE=0
SPEED=254
XAdjustment=0
YAdjustment=0
AdditionalLenght=1
DefaultLength=0

MK4_CALIBRATION

These fields are calibrations value for the Partex production machine MK4.

NAME1=PK
CAL1=15
NAME2=PA
CAL2=20
NAME3=...
...
...

PROMARK

Warning_Char=ÅÄÖåäöüÛß

Settings for which characters ProMark cannot print. Every character defined here will be warned at when importing these characters from the ProMark dialog.

DefaultMarkerLength=200

Sets default standard length for LM380. This is only for manual marker length. The value is in tenths of a millimeter.

MarkerCenter=C

Sets text adjustment for preview in WinSign.

MarkerFont=Courier New

Sets default font for preview in WinSign.

CHARSET = CE

Set CHARSET to CE for european MK9-NG and US for USA machines.

PKS

Settings for Partex production machine PKS. Contact Partex for more information.

ComPort=1

Baud=9600

Databits=8

Parity=N

Stopbits=1

#i ms between each marker

Delay=1500

EndChar=123

L0=8

L1=13

L2=19

L3=25

L4=30

L5=50

PKS_MANUAL

Settings for Partex production machine PKS Manual. Contact Partex for more information.

ComPort=1

Baud=9600

Databits=8

Parity=N

Stopbits=1

#i ms between each marker

Delay=10

L0=11

L1=18

L2=27

L3=35

L4=43

PKS_WELAND

Settings for Partex production machine PKS Weland. Contact Partex for more information.

Directory=C:\tmp

Number=00000003

L0=8

L1=13

L2=19

L3=25

L4=30

L5=50

L6=57

ReportDatabase

Settings for Partex internal report system. Please, contact Partex for more information.

Database=PartexReport

Server=(local)\SQLEXPRESS

User=sa

Password=partex

Xcom

Settings for partex internal import format. Please, contact Partex for more information.

ConvertPath=c:\partex\WinSignNg\Data\Conv

TmpPath=c:\partex\WinSignNg\Data

OutPath=c:\partex\WinSignNg\Data\Out

EditorCommand=c:\program\notepad+\notepad++.exe "%s" -n%d

LastSOR=1

Dissolvepag=1

USER

These fields is the information that is displayed in the about dialog showed at start up. By changing these fields you change the information in the dialog.

Name=Henrik Gustavsson

Company=Partex Marking System AB

Department=IT

4.2 Product files (.mod)

Marking module definitions

[MODULE]

Colour_Text=0

- Supported text colour. Int. colour code.

Colour_Profile=4, 9

- Supported marker colours. Int. colour code.

TopMargin=110

- Denotes top margin for print out

Lmargin=315

- Denotes left margin for print out

SYSTEM=MK-1 plotter

- Denotes an marking system within a product group

GROUP=Wire markers

- Denotes an WinSign adopted product group

NAME=PA+02/15

- Denotes an specific marker product in a marking system

ID=5000

- Denotes an unique ID number for each mod - file

PRODUCTPICTURE=XCARD

- Product picture for Preview

NOOFLABELS=18

- Number of markers on marking module

Outer dimension (size) of the marking module (sheet). - Size of marking module in X and Y -pos.

MAX_X=480

- Outer dimension at X position on marking module

MAX_Y=2410

- Outer dimension at Y position on marking module

DIRECTION=90

- Print out direction on marking module

Out print of information text, measurement in 1/10 mm, measures from upper left corner on the marking module.

- The Information markings positions on marking module

#X_0=20

- Measurement at X position on marking module

#Y_0=460

- Measurement at Y position on marking module

#ROTATION_0=90

- Print out direction of Information text on marking module

#ORDER_0=UNDER

- Placement of rows for Information text

ORDER_0=LINE

Location (co-ordinates) and marker type on marking module. - ID number for product

X_1=0

type and positions of

Y_1=0

markers in X and Y -

type1=5000

directions on marking module

Size and type of markers on marking module - Denotes size and available marker types on marking module

[TYPE5000]

W=150

H=35

NAME=PA+02/15

Definitions:

generally for editing and creating new values:

WinSign can handle several – (.mod) files. NB! Every file must have a unique ID no. (See below).

All measurements are in 1/10 of millimeter.

[MODULE]

Describe how the marker module is constructed: specify the number of markers on the module and their position, if information marker is used, and the print direction.

At installation Partex provides a number of (.mod) files. If the mod file will be edited or a new mod file created, please contact Partex about any uncertainties.

TopMargin=

Add entered values on all Y – co-ordinates within the marking module.

Lmargin=

Add entered values on all X – co-ordinates within the marking module.

SYSTEM=, GROUP=, NAME=

Must be entered in product (.mod) file, otherwise it will not the file be found at program start up.

ID=

Every product file (.mod) must have a unique number, otherwise it's not possible to choose product file in the system.

PRODUCTPICTURE=

Product picture is used in **PREVIEW** mode to show the marker product with belonging marking information. Following values can be used: **TRACTOR** (marker products for matrix printer), **XCARD** (marker products for laser, Thermal transfer printer etc.), **SPOOLE** (marker products in shapes of spools or rolls for marking machines).

NOOFLABELS=

Number of marking positions which have been defined on marking module (layout).

Outer dimension (size) of the marking module (sheet)

Describe outer dimensions on marking module (sheet), in X and Y – position measurement in 1/10 mm and measured from upper (top) left corner. Co-ordinates above specified for

MAX_X=, MAX_Y=

DIRECTION=

Specify the print direction on the marking module. The value is stated (in degree steps) e.g. 0, 90, 180, 270

Out print of information text

Denote the information marker's positions on marker module, in X and Y positions, measurement in 1/10 mm and measured from upper (top) left corner. Co-ordinates above specified for **X_0=**, **Y_0=**

ROTATION_0=

Specify the print direction for information text on the information marker. The value is stated (in degree steps) e.g. 0, 90, 180, 270.

N.B. Rotation is relative the direction (1 **DIRECTION** above) as given for the whole marking module.

ORDER_0=

Specify the print direction for all information text on the information marker. Following values can be used **ORDER_0=LINE** (horizontal) all information text on same line separated with a / sign. **ORDER_0=UNDER** (vertical) information text printed line by line downwards).

Location (co-ordinates) and marker type on marking module

Type and positions of markers on marker module, Construction of marker type's positions on marking module is given with co-ordinates for X and Y positions according to (**X_1=**, **Y_1=**), marker type according to type and ID number (**type1=**).

If different marker types are located on the same marking module, the marker type is specified according to type (number)=(IDnummer) i.e. all identical marker types will belong to the same type.

Size and type of markers on marking module

Defines size and marker type on marking module, each marker type is specified with (**W** for width) and (**H** for height) as well as type and size. If different marker types are located on the same layout, the marker type is specified according to [**TYPE**number]. **NAME=** Defines name of product type.

4.2.1 Extra functions in the product file (mod)

To some product files there is additional information which can be added. These are described below:

Pen test (MK1)

This function draws a triangle some where on fixture in order to “start” the pen. These lines is in some mod files for the MK1 in the section [MODULE]:

```
PenSetX1=10  
PenSetY1=10  
PenSetX2=20  
PenSetY2=20
```

PenSetX1 and -Y1 is the position of the triangle (horizontal, vertical). PenSetX2 and -Y2 sets the size of the triangle (width and height).

The function is activated by pressing the Pen test button in the MK1 production dialog. This requires that the above settings is included in the product file.

Font size (MK1)

This functions admits every product type to have its own size on text. As default the size from the MK1 plug (cassette) is used. The user can specify its own size in the MK1 production dialog, but need to reenter it for each production change. The static value for every product type (seen in the MK1 production dialog) can be changed in the mod-file. The values is located under the section [TYPEXXXX]:

```
CharWidth=25  
CharHeight=50
```

CharWidth is the character height, and CharHeight is the character width.

Cut marks

The rows below sets a . (dot) as a cut mark on specified position.

[TEXT]

X_1=168

Y_1=0

text1=.

X_2=368

Y_2=0

text1=.

X_3=568

Y_3=0

text1=.

In the [MODULE] section the following text shall also be included: NOOFTEXT=3, the 3 in the example shall of course be changed according to how many cut marks that is aquired.

By changing the character (eg. the .) after *text[nr]*=. you change the cut mark character.

Numbering

By placing the following lines in the modfile, below the [MODULE], the page number will be written on every module/fixture/sheet or card.

```
COUNT_TEXT=PAGE  
X_COUNT=400  
Y_COUNT=440
```

The text after COUNT_TEXT= can be changed to you choice of text (the text which is before the page number). X_COUNT and Y_COUNT places the information in X- and Y-position.

Information text on labels (internal production)

By placing following lines in the mod file, under the section [MODULE]. You can print out: text before group name, phone number, e-mail. The group name is always printed.

```
PREGROUPNAME=PtxNr.  
PHONE=+46(0)551 28000  
EMAIL=k.order@partex.se  
X_LABEL=100  
Y_LABEL=400
```

PREGROUPNAME, specify the text that will be written before the group name. No space need to be added after, because it is done via automation.

PHONE, which phone number that shall be printed on the label. Letters and special characters is allowed.

EMAIL, which e-mail adress that will be printed on the label.

X_LABEL, Y_LABEL, Coordinates for the text. It is calculated in the same way as a normal label, meaning that hight and side adjustment affects the placement too.

The text is printed it three lines in this order:

```
PREGROUPNAME  
PHONE  
EMAIL
```

WinSign checks if there is a value on X_LABEL, if it is, then this function will be used.

The function is always active, even if no values is printed. Empty fields will be printed out even if there is no text. This will not effect the print out for other labels.

ROTATION_0=0 must be in the modfile. It is included in the numbering function, but it is also used in this function too. So even if you don't have the PAGE counter included, you still need to have the above line included in the mod file if you want to use this function.

LM380 (ProMark – MK9-NG)

The marking module for MK9-NG have these lines under the section [MODULE]

MACHINE=LM380

Heights in 1/10 mms

HEIGHTS=30;20

PRODUCT_HEIGHT=32

#Type of product

#PRODUCT_TYPE = Tape

#PRODUCT_TYPE = MAXtube

PRODUCT_TYPE = Generic_tube

#PRODUCT_TYPE = Heat_shrink

#PRODUCT_TYPE = Non_PVC_tube

MACHINE=LM380

Which machine the mod file are made for.

HEIGHTS=30;20

Which character height the product supports. Set in thenth of a millimeter.

PRODUCT_HEIGHT=32

Printing areas height, set in thenth of a millimeters.

PRODUCT_TYPE = Generic_tube

What type of profile it is.

Partex internal production (M2 production)

Marking modules for Partex internal production has these lines under section [MODULE]

REPORT_NAME=PAI

Sets what should be printed for this product on the report generated from Partex internal production (M2).

4.3 Other files

4.3.1 Conversion library for ELPROCAD

The import tool for ELPROCAD files uses a conversion library for cables. The name of the file is conlib.ini and is placed in the WinSigns program folder. You can reach this file from the ELPROCAD tool dialog.

The file conlib.ini looks like this:

```
[CONVERSION]
EKK 4G1,5=1,5
EKKS2 4G2,5=2,5
EKKS 4G2,5=2,5
EKLK 5G1,5=1,5
EKLK 5G2,5=2,5
MK 6=6
```

Under [CONVERSION] additional cables can be defined, by writing the name of the cable followed by a =-character, after that the area. Of course you can change existing area, cable names or even delete whole cable with areas by erasing lines in the conlib.ini.

NB! Don't forget to save the file before doing a conversion, otherwise the changes made in the cable library will not be used.

4.3.2 Colour library for Partex Production mode (M2 mode)

Partex internal production system uses a setting file, named colour.ini, placed in WinSigns program folder. The file looks like this:

```
[0]
Name = Black
R =
G =
B =
[1]
Name = Brown
[2]
Name = Red
[3]
Name = Orange
[4]
Name = Yellow
[5]
Name = Green
[6]
Name = Blue
```

[7]
Name = Purple
[8]
Name = Grey
[9]
Name = White
[10]
Name = Rost

Under each [”number”] there is a label *Name*, where you can specify which colour the [”numner”] is. Number 0 to 9 equals the internation colour code. After these additional colours can be added. If you want to translate the name of the colours to anothere language, then translate them in this file.

4.3.3 Log in file for Partex Production mode (M2 mode)

Partex internal production uses a log in file named logon.ini, which are placed in WinSigns program folder. The file looks like this:

```
Server=Partex_Report  
Database=PartexReport  
UserID=sa  
Password=partex
```

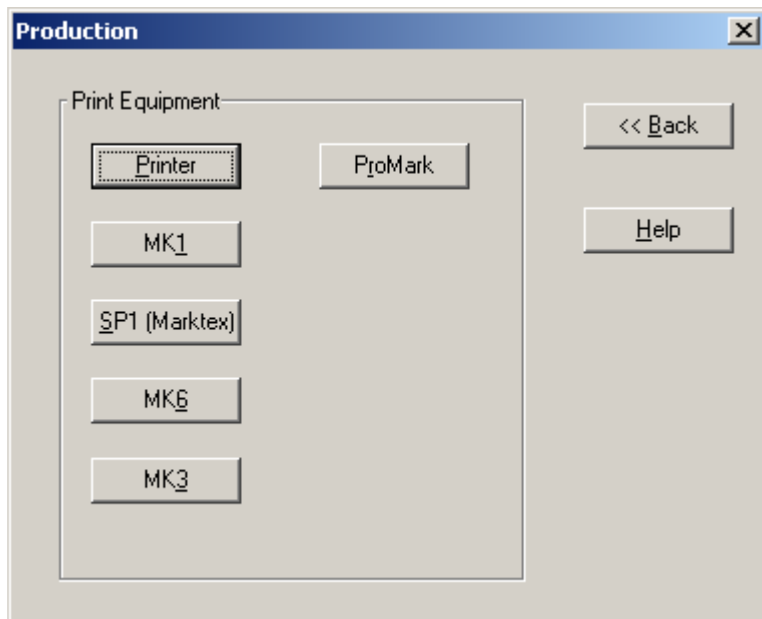
In it you can set the log in settings for Partex SQL report data base. Please, contact Partex for more information.

5. Technical Specifications

5.1 Print Equipment

WinSign communicate with (below) described production units.

The buttons Printer etc. can be used with accelerator buttons e.g. **Alt+P** for Printer.



Printer: Consist of Matrix, Thermal transfer and Laser printers. At development of WinSign - Partex use OKI Microline 395 matrix printer and Zebra 105 (Thermal transfer) both types has been set up with etching tape ribbons for resistant text.

If another printer will be used, it's important that material transport is flexible. In the printer it should be possible to feed label material from different directions and to be equipped with "Pulling tractor feeding". **Contact Partex for information for right type of tape ribbon. NB! Because of drop in production of tape ribbons, it may be difficult to find this for most of the older matrix printers.**

MK1: Special plotter for minor product series - communicate via data cable (with adapter) with RS232 or USB, **Contact Partex for information for right type of tape ribbon.**

SP1: Production unit for large product series (Thermal transfer type), communicate via data cable with RS232, **Contact Partex for information for right type of tape ribbon.**

SP2000: Production unit for large product series (Thermal transfer type), communicate via data cable with USB, **Contact Partex for information for right type of tape ribbon.**

MK6: A thermal transfer printer designed for printing on heat shrink sleeves.

MK3: A thermal transfer printer designed for printing on plastic cards in credit card size.

ProMark: Production unit for small product series (Thermal transfer type), communicate via memory card of type compact flash type 1. The ProMark system consists of MK9 and MK9-NG.

To get support on above specified production units, Partex assume that production will be made on them of Partex specified product material (specifications can be ordered from Partex).

5.2 Etching Ink Ribbon (matrix, thermal transfer printer)

The following benefits are achieved by using Partex ink ribbon:

- Text withstands UV light and mechanical wear and tear.
- Text dries immediately, with no smearing.
- Withstands most types of solvent, for example freon, super agitene, scydrole, III-Tricolor ethane (genklene), methyl ethyl ketone etc.

NB! Used cassettes can in some cases be returned to Partex for refilling (valid for matrix printers). Contact Partex for more information. Used spools for thermal transfer printer can in most cases be returned free from freight to machine supplier.

As etching ink ribbon is an oxidizing product, do not store more than 5 ribbons together. Storage period provided by the supplier is 3 months. Ink ribbons can be used considerably longer than this with limited etching function, but the text density can reduce somewhat.

5.3 Hardware

- Screen resolution min. 800x600, 1024x768 recommended
- Font Size is set to "Small fonts"
- Windows 2000, Windows XP.
- Min. Pentium 2, 16 MB hard disk for basic installation, 64 MB RAM memory.

5.4 Partex Product Systems

For information marking products, contact Partex sales department.

Partex can assist in the construction of new marking modules (layouts) and also discuss possible new system products and material requirements.

Partex can handle the design and constructions of label punches.

To get support on above specified production units Partex assumes that production of markers will be made on Partex specified product materials and methods (specifications can order from Partex).

5.5 Cable configurations

Printer: LPT1 via parallel Printer cable.

MK1: USB (RS232 on older computers).

SP1: RS232 via a twisted serial cable (special) "Null modem cable".

SP2000: USB

MK3: USB (parallel on older computers).

MK6: LPT1 via parallel MK6 cable.

ProMark: Memory card, type Compact Flash Type 1.

If there is any confusion about which cable type to use, contact Partex.

6 Import

6.1 Import of text files

The file that should be imported must be structured as follows:

Each marker text that should be produced must be typed in on a single row ended with **CR** (Carriage return) and **LF** (line feed).

If the marker information should be printed on two rows the two lines must be separated with a pipe sign. Example: **ROW1|ROW2**

6.2 What to consider when you are importing a file to WinSign NG

1. Choose Marker type
2. Choose font type, character size, position and if it should be bold or not.
3. Click on Import.
4. Choose the file you want to import (Text-file).
5. If you want to import more than one file, repeat step 1 to 5.
6. When you are done, click on OK.



Large files type *.txt or *.csv (*.skv) needs alot of power from your computer. If you have a machine with an old processor and not so much RAM memory it can take some time before the import is finished and presented in WinSign

It has happend that you can get a blank preview and in this case you cant print your markers.

If you have an Excel file that you want to change to a *.csv (*.skv) file you can't do a Carriage return in the cells. If you for example wants a two row marker you have to use the pipe sign (|) to seperate the two rows.

ROW 1|ROW 2

In the file WinSignNG.ini you can type in what types of characetrns you want the import should accept.

**[IMPORT]
SpecialChar=-,;**

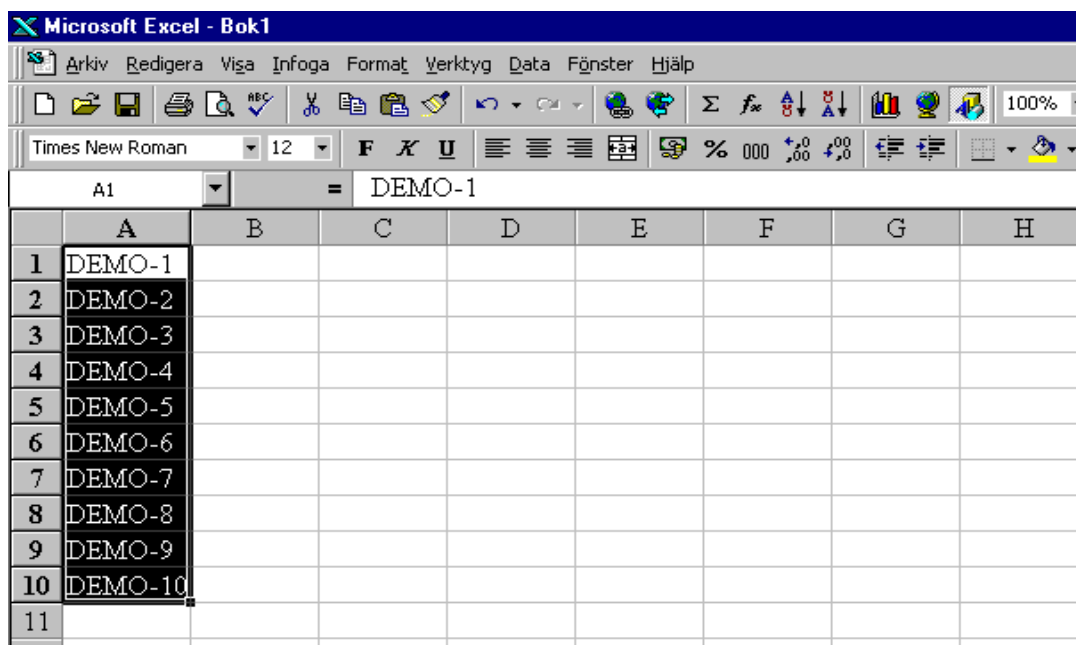
6.3 Create an importable text-file from an Excel-file

There are three ways to go when you want to create an importable text-file from Excel to WinSign.

6.31 Alternative 1:

You have all the text in one column (In Excel).

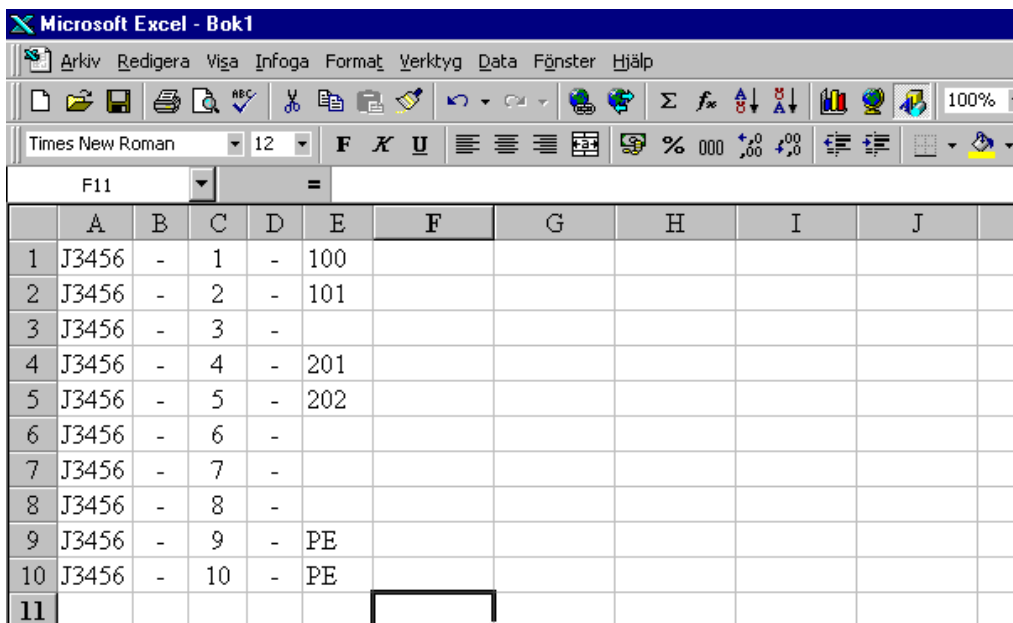
1. Click on the cell that contains the first marker. Scroll down so that you see the last marker. Press down SHIFT and click with the mouse on the last cell. (Mark cell by cell and not row by row)
2. Use the right mouse button in the field that you have marked and choose copy.
3. Open Notepad. (Don't use WordPad)
4. Use once again the right mouse button and choose past.
5. Save your job as a text file (*.txt)
6. Close all unnecessary windows and start WinSign



6.32 Alternative 2:

The marker text contains more than one column.

1. Remove all unnecessary information in the Excel file
2. Make sure that all separators between e.g. cable and part is in your Excel file.
3. Go to the archive menu and choose **Save as**
4. Make sure that the file format is *.csv (*.skv) before you save your file.
5. Close Excel and open WordPad
6. Open the *.csv (*.skv) file in WordPad
7. Choose the command **Replace** and replace all comma (or semicolon if that is the separator) with nothing
8. Go to the archive menu and choose **Save as**. Change the file format to a text file and change the name on the file.
9. Close all unnecessary windows and start WinSign



| | A | B | C | D | E | F | G | H | I | J |
|----|-------|---|----|---|-----|---|---|---|---|---|
| 1 | J3456 | - | 1 | - | 100 | | | | | |
| 2 | J3456 | - | 2 | - | 101 | | | | | |
| 3 | J3456 | - | 3 | - | | | | | | |
| 4 | J3456 | - | 4 | - | 201 | | | | | |
| 5 | J3456 | - | 5 | - | 202 | | | | | |
| 6 | J3456 | - | 6 | - | | | | | | |
| 7 | J3456 | - | 7 | - | | | | | | |
| 8 | J3456 | - | 8 | - | | | | | | |
| 9 | J3456 | - | 9 | - | PE | | | | | |
| 10 | J3456 | - | 10 | - | PE | | | | | |
| 11 | | | | | | | | | | |

6.33 Alternative 3:

The marker text contains more than one column.

1. Remove all unnecessary information in the Excel file
2. The A-column is for number of markers. **Note:** You have to type in how many markers you want for the first marker even if it only is one. Then you only have to type in number of markers for those who should be more than one.
3. The other columns B,C,D etc. Contains the marker information
4. Go to the archive menu and choose **Save as**
5. Make sure that the file format is *.csv (*.skv) before you save your file.
6. Now you can import your *.csv (*.skv) file to WinSign

Many columns

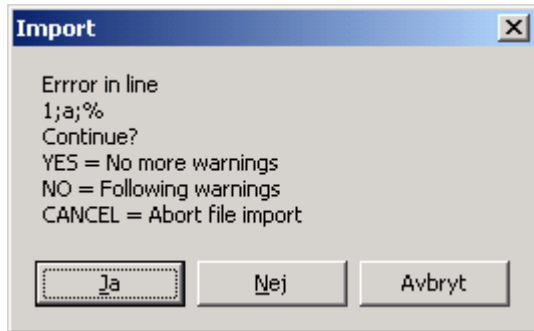
| | A | B | C | D | E | F | G | H |
|----|---|-------|---|----|---|-----|---|---|
| 1 | 1 | J3444 | - | 1 | - | 101 | | |
| 2 | | J3444 | - | 2 | - | 102 | | |
| 3 | | J3444 | - | 3 | - | 103 | | |
| 4 | | J3444 | - | 4 | - | 104 | | |
| 5 | | J3444 | - | 5 | - | 105 | | |
| 6 | | J3444 | - | 6 | - | 106 | | |
| 7 | | J3444 | - | 7 | - | 107 | | |
| 8 | | J3444 | - | 8 | - | 108 | | |
| 9 | | J3444 | - | 9 | - | 109 | | |
| 10 | | J3444 | - | 10 | - | 110 | | |
| 11 | | J3444 | - | 11 | - | 111 | | |
| 12 | | J3444 | - | 12 | - | 112 | | |
| 13 | 2 | J8888 | - | 1 | - | 233 | | |
| 14 | 2 | J8888 | - | 2 | - | 234 | | |
| 15 | 2 | J8888 | - | 3 | - | 235 | | |
| 16 | | | | | | | | |
| 17 | | | | | | | | |
| 18 | | | | | | | | |

One column

| | A | B | C | D |
|----|---|--------------|---|---|
| 1 | 1 | J3444-1-101 | | |
| 2 | | J3444-2-102 | | |
| 3 | | J3444-3-103 | | |
| 4 | | J3444-4-104 | | |
| 5 | | J3444-5-105 | | |
| 6 | | J3444-6-106 | | |
| 7 | | J3444-7-107 | | |
| 8 | | J3444-8-108 | | |
| 9 | | J3444-9-109 | | |
| 10 | | J3444-10-110 | | |
| 11 | | J3444-11-111 | | |
| 12 | | J3444-12-112 | | |
| 13 | 2 | J8888-1-233 | | |
| 14 | 2 | J8888-2-234 | | |
| 15 | 2 | J8888-3-235 | | |

6.34 Warning window

When you import a semi colon or a comma separated -file, it may happens that the following dialog displays:



This warning dialog displays when:

- WinSign encounter some special characters. Which character he will not warn for is written in the file WinSignNG.ini, and may be changed after your own choice (see STOP box in chapter 6.2.). That he is warning about a special character doesn't need to mean that the character won't be written by the marking machine. In some cases it will be printed correctly anyway.
- When a line could not be interpreted by WinSign. This will probably lead to that the marker which is being warned about will not be printed correctly. All other markers is not affected.

6.35 Problem when importing Excel files

In the U.S. a point (.) is as a decimal separator, in Sweden is the comma (,) used instead. In the U.S. comma is used to separate cells in the *.csv format and Sweden uses a semicolon instead, hence the comma is already used as a decimal separator.

This may lead to trouble when either a csv or skv file is exchanged between a English and a Swedish Windows/Excel. E.g.:

A Swedish use comma in his markers. He saves the file in the *.skv format in his Swedish Excel and Windows. He then sends the file to another person which has an American Office and Windows. This person opens the file in his Excel. When the file later is saved (as an *.skv) the American Office change all semicolons to comma. The file is now comma separated although its named *.skv. WinSign will be able to import this file, but you need to select commaseperated file "setting" when importing in WinSign. You can also rename the file to *.csv or open it in WordPad and replace all comma with semicolon.

Please, check if your *.csv and *.skv files have the right cell separators if you have problem importing files in WinSign. Avoid, if possible, the mix of semicolon and comma in your files.

7 Adoption and Development

7.1 Thorsman & Eljo modules

The application has been completed with external company modules, for Thorsman (CYB) and Eljo's marking systems (ref. Thorsman, Eljo and Partex product catalogues).

When activated **Partex, Thorsman, Eljo's** logo (icons) shows product types, for the different marking system, these can be chosen in Product group, System, Product.

At start up of application are Partex Product group, System, and Product always active.

7.2 CAD – system

Partex co-operate within system development with following company's, via CAD – systems it's possible to generate a text file for import in WinSign.

| | |
|------------------------|-------------|
| Cadett AB | CADETT ELSA |
| Procad Systems AB | ELPROCAD |
| Rittal Skandinavian AB | EPLAN |
| Sigma S&S AB | ELMASTER |
| Kampsax AB | ELCAD |

7.3 Customize

Partex co-operate together with customers in: development of total solutions for industrial marking included systemizing, programming, integration with other overall systems, label material and label layouts. Contact Partex for more information.

8 Support and other obligations

8.1 Support

Partex provides support agreements and license keys for programs and marking machines:

- OKI Microline 395 24 Pin Matrix Printer, Thermal transfer printer Zebra 105 S, MK1 plotter, MK6 (CAB Gemini 2) and MK3 Thermal transfer printer at user level, further service is referred to the manufacturer.
- Partex marking products.
- Type Columbia Ribbon #79, supplied by Partex Marking Systems.
- WinSign software.

8.2 Other

Partex also sell following products and service:

- Etching tape ribbon to specified marking machines. With some restrictions. Contact Partex for more information.
- Conversion of information from existing database or files to WinSign system. Special characters and symbols as True Type fonts e.g. “earth” and “recycling symbol”.
- Produces your WinSign database on chosen marking machine.

9 Trouble-shooting

| Error message | Error | Solving |
|---|---|--|
| Wrong file type | A data base error. (Damage file) | Make sure that the data base engine is shut down. Go to the data base folder and delete the damaged *.btr file |
| [Path] + \direkt.btr contains an invalid path. | The link to the data base folder is erroneous. | Change the BASPATH in WinSignNG.ini so that it corresponds to WinSigns data base folder. |
| The preview doesn't work. | No printer drivers installed. | Install a printer driver. |
| No contact with SP1. | Communication error between the computer and the SP-1. | Is the SP-1 rebuilt to 9600 bps? Is the cable plugged into the right serial port on the computer? The serial port on the computer might be burned. |
| Square characters when printing. | Tab or other special characters are being used. | Remove the special characters, if any, from the marker. |
| 2 lined marker text is printed in 1 line (both text rows on one row) | In the preview windows above the flex grid it looks like a 2-line even if it is not 2-line when printed. | Use the character to make a new line. In the advanced Set Marking dialog use Ctrl + Return to make a new row (line). |
| Ordinal not found. The ordinal 6877 could not be located in the dynamic link library. | A too old dll file is being used. | Delete old dll and reinstall WinSign, or place a new dll in the WinSign folder. |
| WinSign doesn't start after the installation, or WinSign is malfunctioning. | WinSign have been installed on a NT/2000/XP system where the user doesn't have sufficient rights. | Uninstall WinSign. Ask the system administrator to install WinSign with sufficient rights. The Retrieve database need read/write-access to C:\. |
| Missing markers or failed import with csv/skv files. | Multiple possibilities, could be a problem with exchange of import files between Swedish and English Excel/Windows. | Check the file. Read chapter 6.35 if the problem is about different language version of Excel/Windows. |
| No markers imported, import file empty? | Empty import file or WinSign have problem reading it. | Open your import file in NotePad (also csv/skv). Does the file appear to be correct? |