



Support Bulletin

GEOSPATIAL

September 2018

Trimble Penmap template configuration for shape file export

The following support bulletin explains which Shape file exports a Penmap user can expect, based on his Trimble Penmap template configuration

- *Export shape filename use the GIS name for features with GIS definition*
- *Export shape filename use the Layer Name for features without GIS definition*
- *Export shape writes a prj file (only Penmap for Android)*
- *not allowed Windows filenames will be renamed, not allowed characters will be replaced*

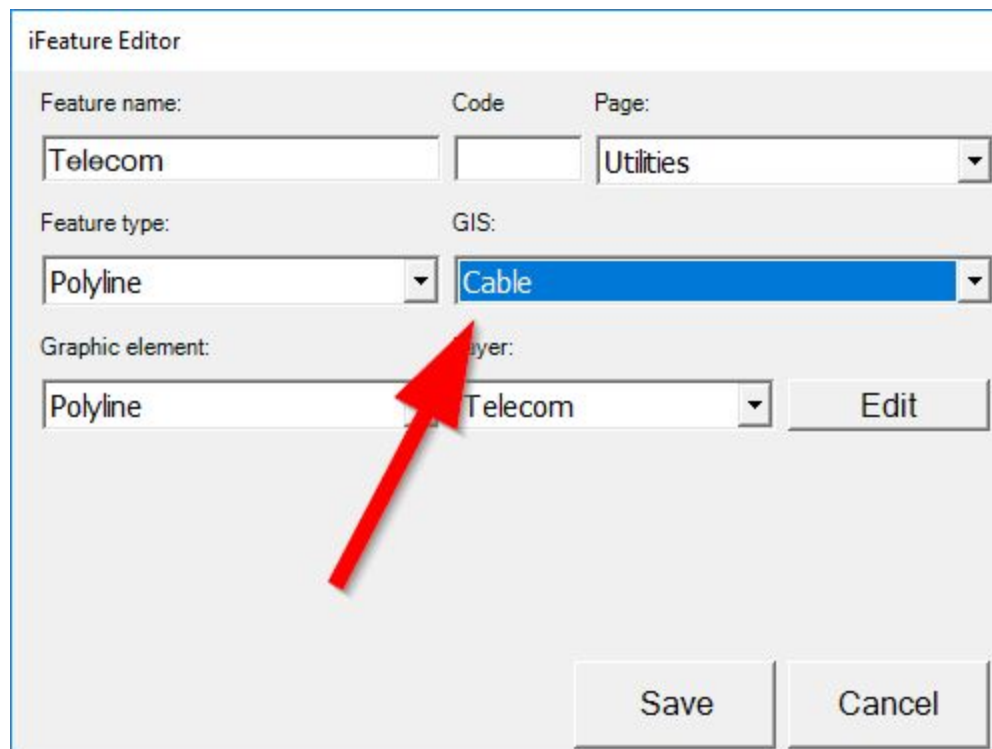
<https://geospatial.trimble.com>

www.trimble.com

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Export features with GIS definition

The GIS-definition will be used for the export files.



iFeature Editor





Feature name: Code Page:

Feature type: GIS:

Graphic element: Layer:

e.g.

You collect a “Telecom” feature in Penmap you’ll get a cable file in the export.

	Cable.dbf	10.09.2018 13:52	DBF-Datei	1 KB
	Cable.prj	10.09.2018 13:52	PRJ-Datei	1 KB
	Cable.shp	10.09.2018 13:52	SHP-Datei	1 KB
	Cable.shx	10.09.2018 13:52	SHX-Datei	1 KB

Note: Use one layer or one GIS-definition for one iFeature to get a clear connection

Export features without GIS definition

The layer - definition + the geometry type will be used for the export file names.

iFeature Editor

Feature name: Code Page:

Feature type: GIS:

Graphic element: Layer:

Feature Type	Export File
Point	<Layer> [pm]_points.*
Polyline	<Layer> [pm]_lines.*
Area	<Layer> [pm]_lines.*

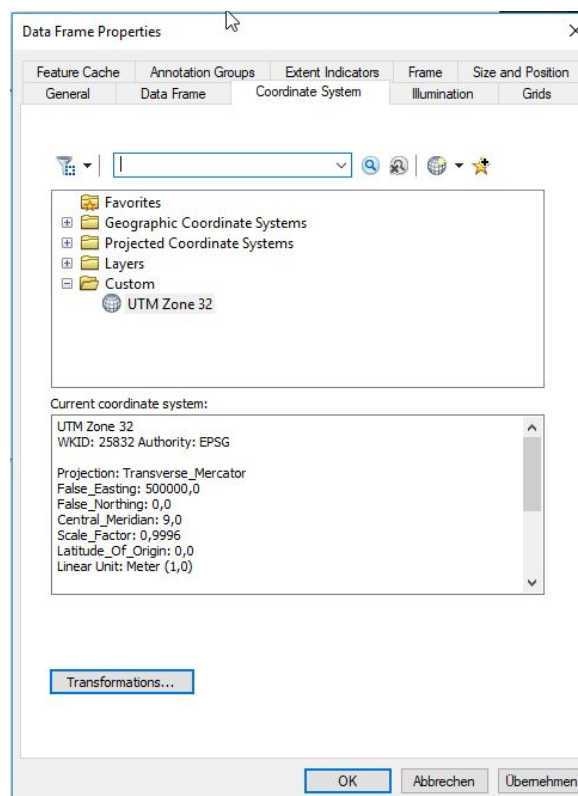
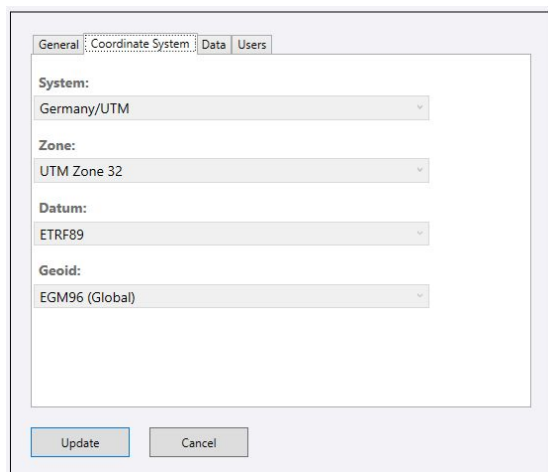
Building [pm]_points.dbf	11.09.2018 14:10	DBF-Datei	1 KB
Building [pm]_points.prj	11.09.2018 14:10	PRJ-Datei	1 KB
Building [pm]_points.shp	11.09.2018 14:10	SHP-Datei	1 KB
Building [pm]_points.shx	11.09.2018 14:10	SHX-Datei	1 KB
Cable.dbf	11.09.2018 14:10	DBF-Datei	1 KB
Cable.prj	11.09.2018 14:10	PRJ-Datei	1 KB
Cable.shp	11.09.2018 14:10	SHP-Datei	1 KB
Cable.shx	11.09.2018 14:10	SHX-Datei	1 KB
Comment [pm]_lines.dbf	11.09.2018 14:10	DBF-Datei	1 KB
Comment [pm]_lines.prj	11.09.2018 14:10	PRJ-Datei	1 KB
Comment [pm]_lines.shp	11.09.2018 14:10	SHP-Datei	1 KB
Comment [pm]_lines.shx	11.09.2018 14:10	SHX-Datei	1 KB

Typ: PRJ-Datei
Größe: 659 Bytes
Änderungsdatum: 11.09.2018 14:10

Export shape with prj-file (only Penmap for Android)

Export shape writes a prj file, which matches to the set coordinate system in Penmap

Note: There is no opportunity to import prj yet. So the prj can look different to the one from your customer



Not allowed filenames and sign in Windows

The following file names are not a legal filename in Windows and will be prefixed with "PM_":

CON, PRN, AUX, NUL,

COM1, COM2, COM3, COM4, COM5, COM6, COM7, COM8, COM9, COM0,

LPT1, LPT2, LPT3, LPT4, LPT5, LPT6, LPT7, LPT8, LPT9, LPT0

The following signs are also not allowed in Windows and will be replaced with "_" :

< > : " / \ | ? *

Contact

For more information or questions contact the Trimble Penmap community.

<https://community.trimble.com/groups/penmap-for-andriod>