



# Support Bulletin

GEOSPATIAL  
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## 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*

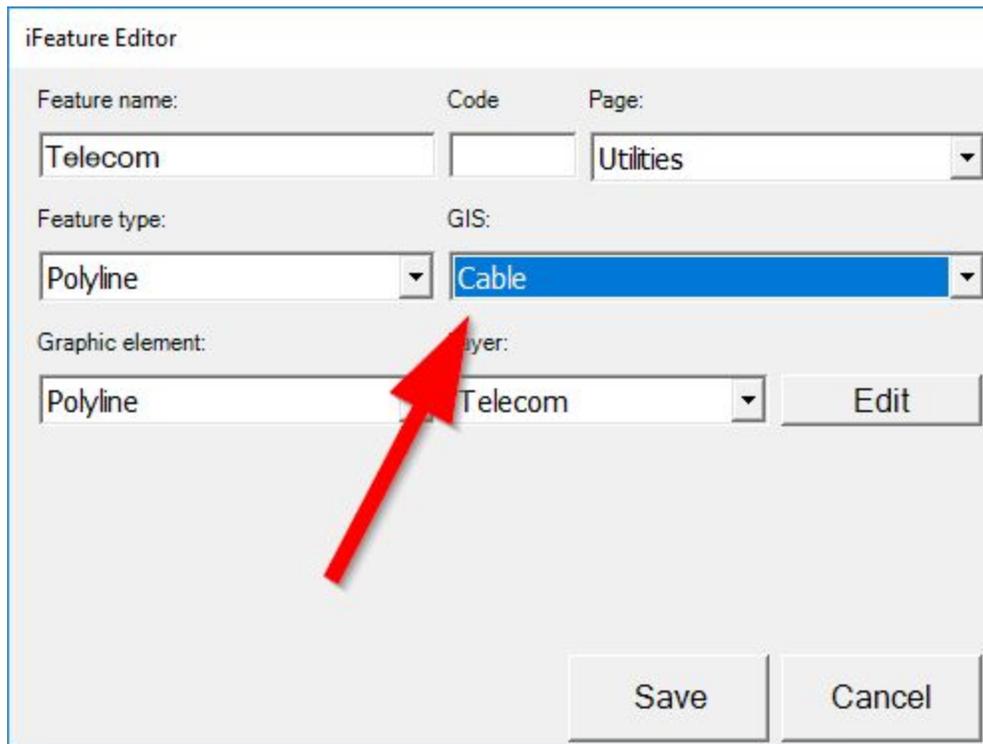
<https://geospatial.trimble.com>

[www.trimble.com](http://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.*

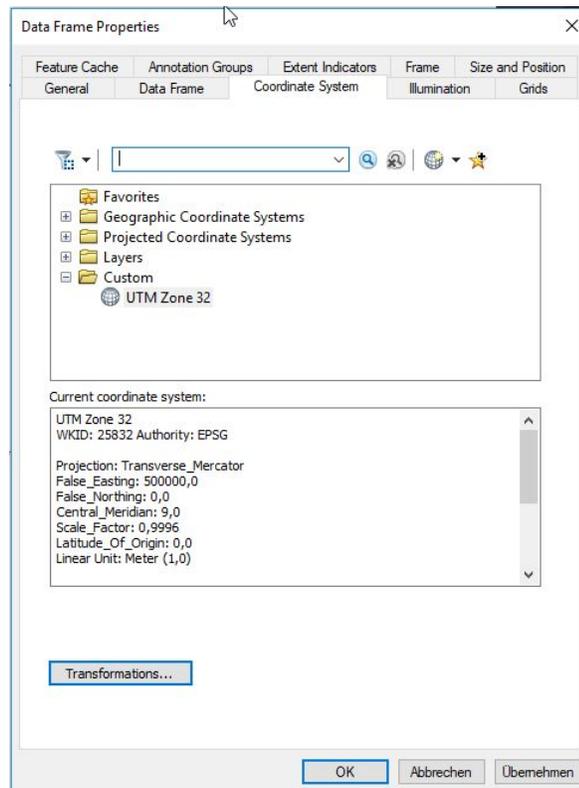
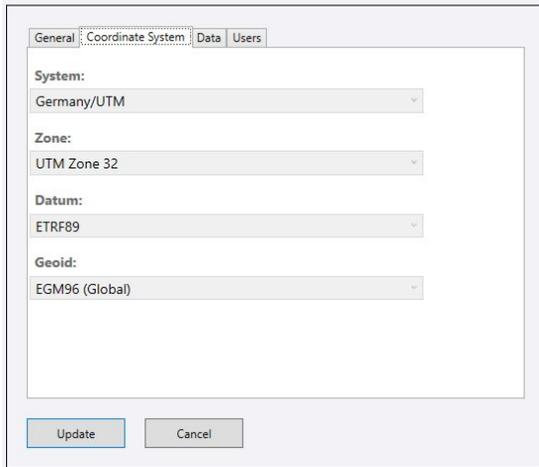
Building [pm]_points.dbf	11.09.2018 14:10	DBF-Datei	1 KB
Building [pm]_points.prj	11.09.2018 14:10	PRJ-Datei	1 KB
Building [pm]_points.shp	11.09.2018 14:10	SHP-Datei	1 KB
Building [pm]_points.shx	11.09.2018 14:10	SHX-Datei	1 KB
Cable.dbf	11.09.2018 14:10	DBF-Datei	1 KB
Cable.prj	11.09.2018 14:10	PRJ-Datei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