Tcp**TUNNEL** CAD
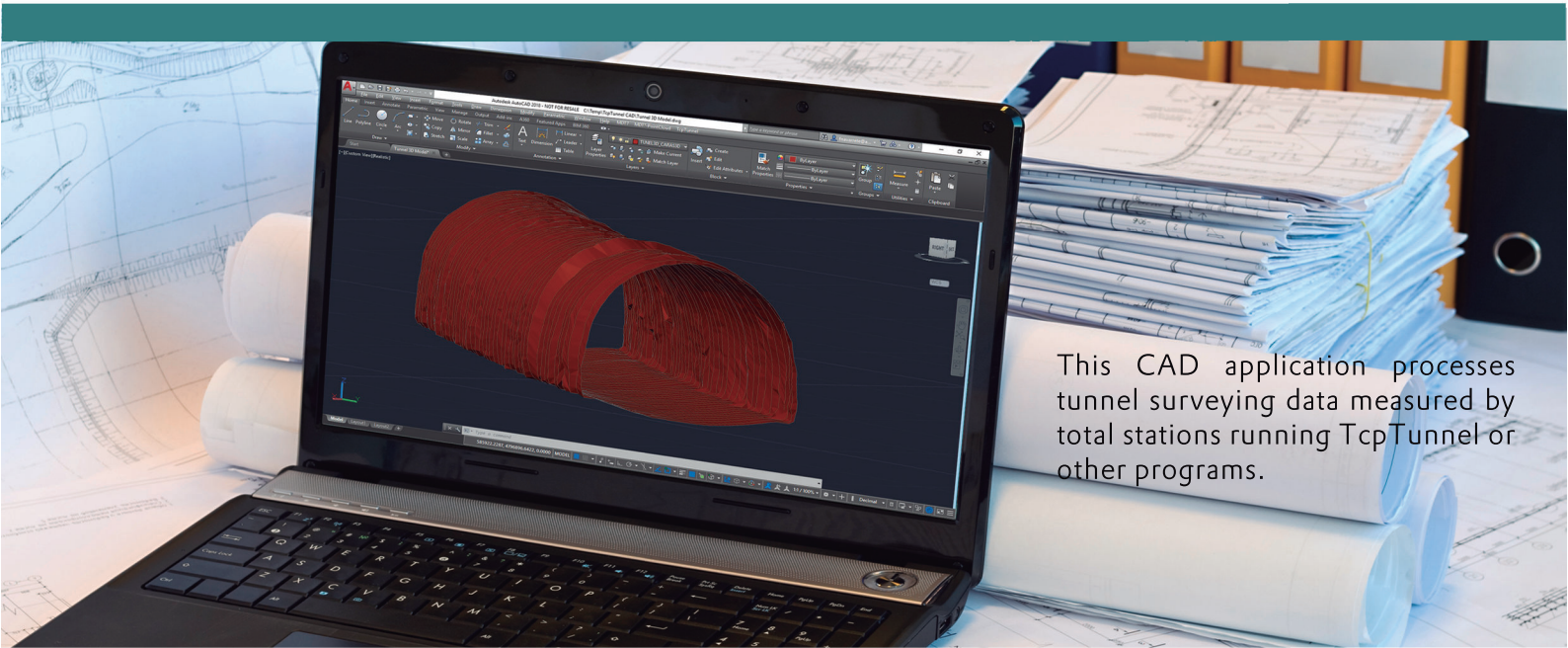

This CAD application processes tunnel surveying data measured by total stations running TcpTunnel or other programs.

Project definition

Every project is compound of an horizontal and vertical alignment, tunnel templates and point files, supporting different file formats such as LandXML, Trimble TXL, etc.
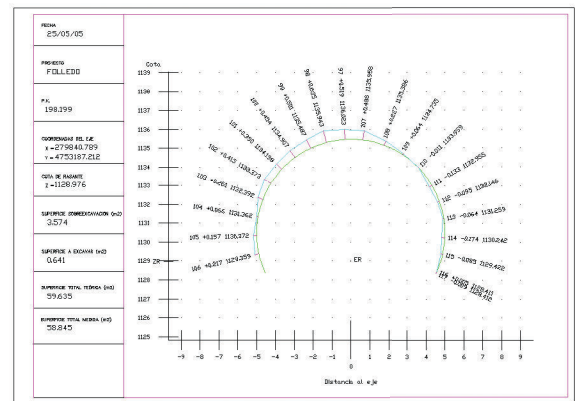
Templates

Templates can be defined by parameters or selecting a polyline in CAD. It is possible to apply different templates to intervals of alignment and interpolate their dimensions.

Cross-section drawing

The measured cross-sections can be computed from points, and it is possible to draw them in individual mode or by sheets. There are options to label differences between project and measured cross-sections as well as station, heights, areas, etc. It is possible to create a 3D view of measured cross-sections as a wireline drawing.

Cross-section editing

The powerful cross-sections editor has tools for erasing, adding or moving points before drawing.
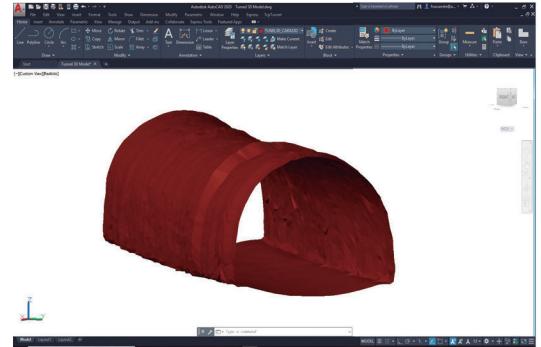

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TcpTUNNEL CAD

Volume Calculation

The program computes underbreak and overbreak areas and volumes by comparing project and as-built cross-sections or profiles measured on different dates. Reports can be printed and exported to Excel and other file formats.

3D Model Generation

TcpTunnel CAD creates a 3D model of the tunnel that can be rendered in realistic mode and exported to several file formats. Another command helps you to walk through the alignment and create an animation.

Requirements [1]

Operating System	Windows 7 ,8, 8.1, 10 in 32 and 64 bits
CAD	AutoCAD versions 2010 to 2021 ZWCAD versions 2018 to 2020
Hard Disk	1Gb of free disk space
Memory	Minimum 3Gb
Processor	Dual-core 2Ghz or better

[1]This information is for guidance only. More detailed information about TcpTunnel CAD requirements on www.aplitop.com

Reseller

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