PRONET

PRESSURE PIPE NETWORK ANALYSIS IN
AUTODESK CIVIL 3D
MODELING | D05

Summary

Pronet is an extension for **Autodesk® Civil 3D®**, which allows you to add analytical data to pressure network objects; this includes pressure pipes, fittings, and appurtenances. The network is analysed using a modified 64-bit **EPANET** engine. The analysis is fast and is performed within the **Civil 3D** environment.

After installing **Pronet**, the easy-to-use ribbon opens directly from the **Civil 3D** tabs.
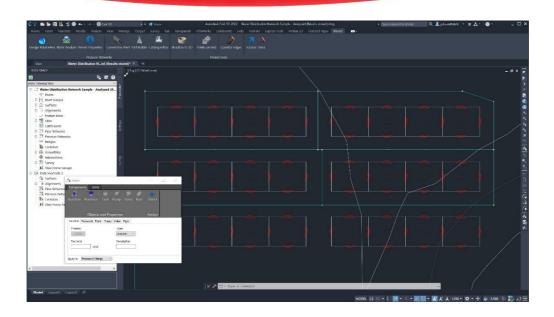

What makes this module special?

- **Opens from Civil 3D tabs:** After installing Pronet, the easy-to-use ribbon opens directly from the Civil 3D tabs.
- **Dynamic analysis interface:** for viewing of the analytical data and view any errors that may exist in the model.
- **Quick analysis and results**: The 64-bit EPANET analysis engine allows for a lightning-fast analysis, and immediate result reporting.
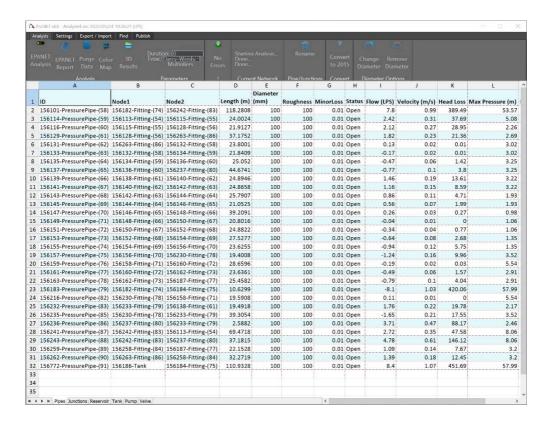
Detailed Description

1. Add analytical data to the pressure network model. The analytical data can include typical **EPANET** model components such as junctions, reservoirs, tanks, pumps, valves, and pipes.

2. Perform the analysis

3. View results

Reporting

- Review pressure object properties previously added with **Pronet**
- Define pump curve(s) and time patterns
- Import and export results, export to **EPANET** INP file format
- Link dynamically to the **Civil 3D** model
- Publish analysis report results directly to **MS Word**
- Comprehensive error checking and reporting
- Useful charting functions which can be included in reports
- Use standard **Civil 3D** features to display analysis results in the model