

# Novapoint 20.0x.FP3

If you use Quadri, this version can only be used with Quadri 2.0 or newer.

Models created with earlier versions of Novapoint, will be converted on opening in NP20.00 and can **ONLY** be used in NP20.00, and it will not be possible to open it with earlier versions of Novapoint after conversion.

Using Novapoint 20.05 with floating license (FLEXIm license manager) will require license manager 11.14 of FLEXIm. Make sure the license manager support this before you try to use Novapoint 20.05. If your network uses the IPv6 protocol (as used in Microsoft Direct Access), you should set the FNP\_IP\_PRIORITY=6 environment variable on the client computer to give priority to IPv6, which can improve performance and avoid unwanted IPv4 address resolution.

Novapoint 20.00 and Novapoint 20.05 will both require license version 20.00.

Login using named user (Vianova ID) will work for both Novapoint 20.00 and Novapoint 20.05.

There are some issues using the USB hardware lock (FLEXid). Please contact us if you want to use Novapoint 20.05 with the USB lock.

Release date: 24.04.2017

## Known Issues

Links: [Base](#) | [Road](#) | [Area Planning](#) | [Landscape](#) | [Terrain Design](#) | [Railway](#) | [Noise](#) | [Bridge Design](#) | [Tunnel](#) | [Water & Sewer](#) | [District Heating](#) | [Road Signs](#) | [Road Marking](#) | [Land Acquisition Planner](#) | [Virtual Map](#) | [Reinforcement](#) | [Civil Construction](#) | [Feature Catalog 1919 1.15](#) | [Geotechnics](#) | [Easy Access](#) | [Transport Networks](#) |

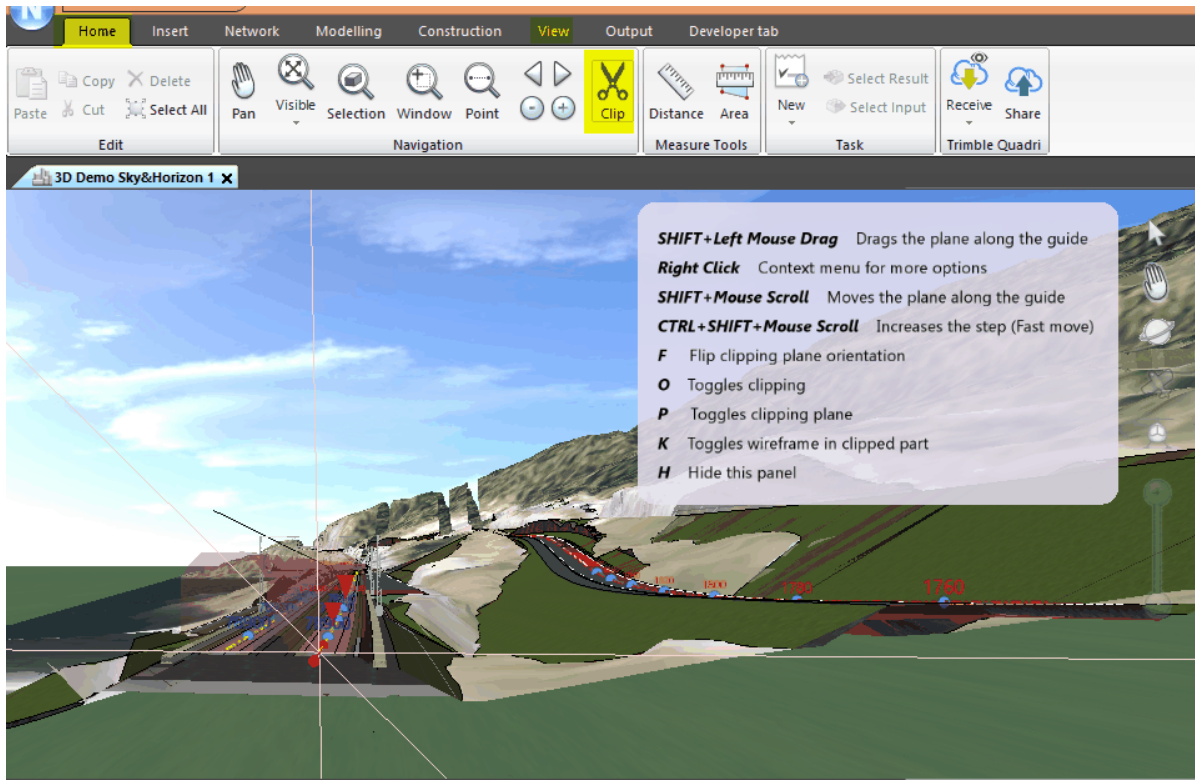
## Updates in Novapoint Base

### General

FIXED: This update includes general bug fixes

### View

NEW: Clip plane added in the 3D view. It is now possible to clip planes in 3D window along a line.



See video [here](#)

Help pages [here](#)

IMPROVED: Snap in the measure tools is improved and makes it easier to measure in the model.

See video here [here](#)

## Import

FIXED: When importing Geosuite projects, the doublet dialog sometimes crashes. This is now corrected.

FIXED: When importing Geosuite projects, we sometimes experienced double borehole data with doublet GUIDs. This is now corrected.

FIXED: When importing borehole data from GUDB, the elevation values were sometimes set to zero. This is now corrected.

## AutoCAD start up from Novapoint

Settings in "Novapoint Configuration" will now set AutoCAD product according to the choice done in the Novapoint settings. In some cases the user had to add the "/product" switch to get the right AutoCAD environment started in Novapoint. The setting of "/product" is normally not needed with only one AutoCAD product installed. Now the "/product" setting will be set to match the AutoCAD product in use with Novapoint. To override the settings you can add the "/noproduct" to the NovapointBase.exe shortcut. If the user set the "/product" in the NovapointBase.exe shortcut, will this setting be used.

## Updates in Novapoint Road

## Deepblasting

CORRECTED: Slope error on Surface 2 on the left hand side when using method 2 on the End Surface.

## Sight Distance Analysis

CORRECTED: Using a user-defined sight distance the value for speed was used when the sight distance was set shorter than the speed value.

NEW: Possibility to add user-defined min. and max. radius for interpolation of the Increment Radius.



## Draw Longitudinal Profile

CORRECTED: Partially missing terrain for some datasets.

## Vehicle Track Analysis

IMPROVED/CORRECTED: Better handling and presentation of the vehicle when editing lengths, adding, deleting vehicles to the user-defined standards.

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## Terrain shaping

Now we have the possibility to select any resulting surface feature type when creating a terrain shape

Improved functionality regarding creating elevation line along line object (option M); We can now quick select entire line object or define part of line object

## Updates in Novapoint Tunnel

CORRECTED: When defining and editing niche types for railroad models, the system didn't always manage to detect that the model was a railroad model and not a road model. Due to this, the niche type dialog didn't always function as it should. This is now corrected.

IMPROVED: 3D-drawing of niches and crossing tunnels didn't always cut these correctly against the main tunnel. This is now corrected for most of the situations.

NEW: It is now possible to define straight walls for the perimeter, even when the perimeter is defined as an offset of the inner profile.

NEW: It is now possible to define a road surface edge as the vertical reference for the tunnel base line.

NOTE: To be able to store these new values for an existing project, you must first update the feature catalogue version, that is FC 1926 (1.18). For a server project, you must do this upgrade of the FC on the server with Quadri

Model Manager. For a local project, you must first make a new project with the new FC and then do a QG4 import of the existing project into the new project.

## Version 20.00 FP3

### Updates in Novapoint WS|Cable

#### Construction

NEW: Show pipe info in graphic (now both plan- and vertical drawing). Activated from Tool-menu.

NEW: Possible to Attach to/Detach from road for whole trench. Activated from pipe right click menu, or from Edit > Trench -menu.

NEW: Possible to Offset whole trench. Activated from pipe right click menu, or from Edit > Trench -menu.

NEW: Possible to copy properties from a connection to single or multiple connections. Activated from right click connection-menu.

KNOWN ERROR: Error when using "Generate multiple sheet" if Plane and profile is not generated > Acticadet Draw menu in ribbon

### Updates in Novapoint Road Sign

#### Finnish version

- FIXED: TSTABLE - New content added (#HAN-66)

#### Norwegian version

- NEW: New sign - 713.1 added to library (#HAN-59)
- NEW: New sign - 729.1 added to library (#HAN-60)
- FIXED: General - Some sign combinations could not be saved in AutoCAD 2017 (#HAN-95)
- FIXED: General - Changed insertion point for pole symbols (#HAN-49)
- FIXED: Ref. line - STYLE for pos. number was not the same as in BLOCK (#HAN-57)
- FIXED: 711 - Wrong length on sign for some combinations (#HAN-62)

#### Swedish version

- IMPROVED: TSTABLE - Terminology changed for some columns (#HAN-65)
- IMPROVED: General - Changed the used terminology for reflex on all signs (#HAN-47)
- FIXED: General - Some sign combinations could not be saved in AutoCAD 2017 (#HAN-95)
- FIXED: 3D-sign - Geometry for SOLID on F4-1 was wrong (#HAN-53)
- FIXED: Ref. line - STYLE for pos. number was not the same as in BLOCK (#HAN-57)
- FIXED: D10 - Hatching disappeared when rotating the sign (#HAN-50)

## **Version 20.0x.FP3**

### **Updates in Novapoint GeoSuite**

New tool: Assumed Bedrock in GeoSuite menu (start with -e:"./Extensions/NovapointGeoSuite.Extensions.sxml")  
This tool creates interpreted rock points from selected boreholes with a specified termination code.

Bugfixes: Import Weightsounding - Halfturns incorrect in feature model Error creating features from graphical interpretation in AutoCAD

Corrections of panels in Novapoint when using -e:"./Extensions/NovapointGeoSuite.Extensions.sxml"

### **Update Quadri Easy Access**