Release guide

PRO600 2022 Update 1 CONNECT Edition

Version 16.7.0

19 October 2022

Contents

About this release

This document describes the enhancements for PRO600 2022 Update 1 CONNECT Edition. Although the information in this document is current as of the product release, see the Support website for the most current version.

This document is only an overview and does not provide all the details about the product's capabilities. See the online help and other documents provided with PRO600 for more information.

New platforms

Bentley Connect Edition

PRO600 2022 Update 1 CONNECT Edition supports the following Bentley products:

- MicroStation CONNECT Edition Update 17 (version 10.17.00.209)

- OpenCities Map Advanced CONNECT Edition Update 17 (version 10.17.00.156)

- OpenCities Map Ultimate CONNECT Edition Update 17 (version 10.17.00.156)

ERDAS IMAGINE 2022 Update 2 64-bit

PRO600 2022 Update 1 CONNECT Edition is compatible only with ERDAS IMAGINE 2022 Update 2.

Licensing

It is strongly recommended that customers upgrade to the newest version of Hexagon Geospatial Licensing 2022. If in doubt, refer to Windows' Add or Remove Programs utility to determine the currently installed version.

New technology

Language support

PRO600 2022 Update 1 CONNECT Edition has support for Chinese, Spanish, and Japanese languages. The language pack for MicroStation CONNECT must be installed before installing the corresponding language support in PRO600.

As of this release, OpenCities Map Update 17 does not have language packs, so PRO600 language support is only compatible with the MicroStation CONNECT platform.

64-bit support

PRO600 2022 Update 1 CONNECT Edition is a 64-bit application. This allows resource-intensive applications to leverage 64-bit environments for increased memory access and processing speed.

Ribbon user interface

The ribbon design is an industry-standard layout for a user interface that is used by many applications, including Microsoft Office, ERDAS IMAGINE and many more.

With the CONNECT Edition, Bentley has changed the task-based interface to a ribbon style interface based upon "workflows" that incorporate existing and new tools and capabilities. The ribbon tabs are organized by workflows. Each workflow has a set of tabs and tools within it pertaining to a common work environment.

Starting from PRO600 2020 CONNECT Edition, a new "PRO600" workflow is added to the list of available workflows. The PRO600 workflow contains all the tools and capabilities that were previously available under the PRO600 dropdown menu in the old MicroStation user interface.

System requirements

PRO600

Computer/processor	64-bit: Intel 64 (EM64T), AMD 64 or equivalent (Multi-core processors are strongly recommended)
Memory (RAM)	16 GB or more strongly recommended
Disk space	• 1 GB for software • 1 GB for example data
Operating systems	• Windows 10 Pro (64-bit) • Windows 10 Enterprise (64-bit)

Software	• ERDAS IMAGINE 2022 Update 2
	• One of the following:
	    o MicroStation CONNECT Edition Update 17 (version 10.17.00.209)
	    o OpenCities Map Advanced CONNECT Edition Update 17 (version 10.17.00.156)
	    o OpenCities Map Ultimate CONNECT Edition Update 17 (version 10.17.00.156)
	• OpenGL 2.1 or higher (this typically comes with supported graphics cards[2])
	• .NET Framework 4.0

Recommended graphics cards for stereo display[1]	• NVIDIA® Quadro® P6000, P5000, P4000, P2000 • NVIDIA® Quadro® M6000, M5000, M4000, M2000 • NVIDIA® Quadro® K5200, K5000, K4200, K4000, K2200, K600, K420 • NVIDIA Quadro RTX4000
Recommended stereo display monitors	• 120 Hz (or above) LCD monitors with NVIDIA 3D Vision™ Kit • 3D PluraView system from Schneider Digital [3] • Vision Engineering CONTOUR 3D stereoscopic GIS display
Recommended stereo glasses and emitter kits	• NVIDIA 3D Vision™ Kit • 3DTV universal emitter

Peripherals	• All software installations require one Windows-compatible mouse with scroll wheel or equivalent input device
	• Printing requires Windows-supported hardcopy devices[2]
	• Software security (Hexagon Geospatial Licensing 2022) requires one of the following:
	    o Ethernet card, or
	    o One USB port for hardware key
	• Advanced data collection requires one of the following hand controllers:
	    o TopoMouse™ or TopoMouse USB™
	    o Immersion 3D mouse
	    o Stealth 3D (Immersion), S3D-E type, serial port
	    o Stealth Z, S2-Z model, USB version
	    o Stealth V, S3-V type (add as a serial device)
	    o 3Dconnexion SpaceMouse Pro
	    o 3Dconnexion SpaceExplorer mouse
	    o Z/I mouse

System Requirements Notes

[1] Windows provides a generic OpenGL driver for all supported graphics cards. However, an OpenGL-optimized graphics card and driver are recommended for these applications.

[2] HP-RTL drivers are recommended. Windows 64-bit print servers require 64-bit print drivers.

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Our technologies are shaping urban and production ecosystems to become increasingly connected and autonomous — ensuring a scalable, sustainable future.

Hexagon's Safety, Infrastructure & Geospatial division improves the resilience and sustainability of the world's critical services and infrastructure. Our solutions turn complex data about people, places and assets into meaningful information and capabilities for better, faster decision-making in public safety, utilities, defense, transportation and government.

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