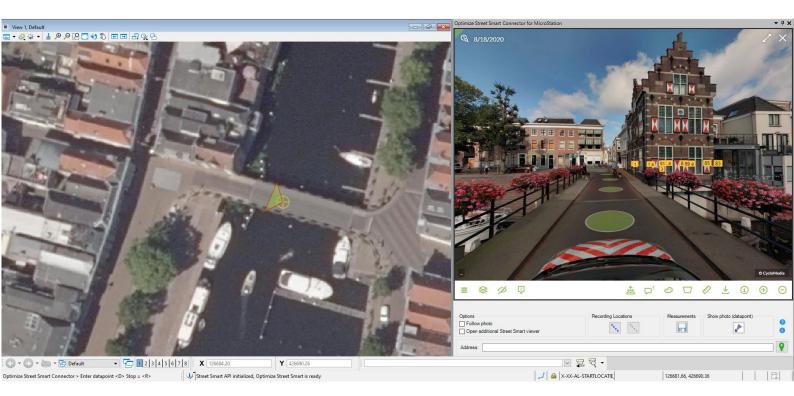


cyclomedia



Factsheet Optimize Street Smart Connector

Global overview:

The Optimize Street Smart Connector for Bentley MicroStation¹ is a tool developed by The People Group (The Netherlands). This tool allows MicroStation users to use Cyclomedia's Street Smart data (Cycloramas, Oblique images, Pointclouds etc.) inside MicroStation. The Connector is developed using the official Street Smart API (developed and maintained by Cyclomedia).

The Optimize Street Smart Connector is fully integrated in the MicroStation environment. Clicking, zooming or rotating in the Cyclorama image will result in the display of a viewing cone in the active MicroStation view. A click in the MicroStation view will show the closest Cyclorama image in the Street Smart viewer. Measurement results inside the viewer can be placed as MicroStation elements in the active design file. Geocoding is also supported, it is possible to search for an address and get the corresponding image automatically.

Requirements:

Optimize Street Smart Connector will work on the Connect Edition version of MicroStation, PowerDraft or OpenCities Map. We recommend using recent updates. The older v8i versions of the Bentley products are NOT supported.

¹ Actually not only for Bentley MicroStation but also related products like PowerDraft and OpenCities Map and OpenRoads Designer.

Obviously, it is important that a valid Cyclomedia Steet Smart license is available. Without a license there are no images to display in the Connector.

Internationalization:

Optimize Street Smart Connector can be used in many places. First of all a large set of supported coordinate systems is available:

Optimize Street Smart Connector	Settings —		×	1
eneral Street Smart Network Appeara	ance Point meas. Line meas.			
Language:	English	~		
	Ligion			
Country code (address search):	United States	~	-	
Spatial system:			_	
[EPSG:28992] Amersfoort / RD New		×	/	
[EPSG:26990] NAD83 / Michigan Sou		1	• I - I	
[EPSG:26991] NAD83 / Minnesota No [EPSG:26992] NAD83 / Minnesota Ce				
[EPSG:26993] NAD83 / Minnesota Ce [EPSG:26993] NAD83 / Minnesota So				
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[EPSG:26995] NAD83 / Mississippi W				
[EPSG:26996] NAD83 / Missouri East				
[EPSG:26997] NAD83 / Missouri Cent	ral			
[EPSG:26998] NAD83 / Missouri Wes	t	_		
[EPSG:28992] Amersfoort / RD New				L
[EPSG:31370] Belge 1972 / Belgian L				
[EPSG:31466] DHDN / 3-degree Gau				
[EPSG:31467] DHDN / 3-degree Gau				
[EPSG:31468] DHDN / 3-degree Gau				
[EPSG:31469] DHDN / 3-degree Gau [EPSG:32100] NAD83 / Montana	ss-Muger zone 5			
[EPSG:32104] NAD83 / Nebraska				
[EPSG:32107] NAD83 / Nevada East				
[EPSG:32108] NAD83 / Nevada Cent				
[EPSG:32109] NAD83 / Nevada Wes				
[EPSG:32110] NAD83 / New Hampsh	ire			
[EPSG:32111] NAD83 / New Jersey				
[EPSG:32112] NAD83 / New Mexico				
[EPSG:32113] NAD83 / New Mexico			.	
[EPSG:32114] NAD83 / New Mexico				
[EPSG:32115] NAD83 / New York Ea				
[EPSG:32116] NAD83 / New York Ce				
	est			

Secondly, the GUI language can be specified as well:

📕 Optimize Street Smart Connecto	or Settings —	×
General Street Smart Network Appea	arance Point meas. Line meas.	
Language:	English	~
Country code (address search):	English Dutch German French	





Finally, it is possible to choose a country code. This country code will be used to optimize address searches.

Customizable:

It's possible to specify the symbology of the MicroStation elements like the viewing cone and saved measurements. The user can define colors, weights, levels and so on:

Viewing Cones		Point Measureme	ent transfer to MicroStation	
Size (px):	50	Point type:	Ellipse Element \sim	
Border Color:	1	Level:	Default	~
Border Weight:	1	Color:	-1 -1 = ByLevel	
Priority:	500	Line Style:	-1 -1 = ByLevel	
Transparency (%):	50	Line Weight:	-1 -1 = ByLevel	
DGN datapoint markers		Transparency (%	%): 0	
Size (px):	15	Priority:	0	
Border Color:	2	Cell Name:		
Border Weight:	1	Characters:		
Priority:	500	Ellipse size (m):	. 0.25	
Transparency (%):	50			
Recording Locations (V	NFS)			
Size (px):	10			
Transparency (%):	50			

Licensing:

Optimize Street Smart Connector is license-protected. Our licensing system is using a license key and a small local database to check the concurrent use. No internet connection to a licensing server is needed. License keys are distributed by our technical support department. License keys are time-limited and do support concurrent use.

Setup:

Installation of Optimize Street Smart Connector is easy. There are MSI files (Microsoft Installer package) for the program Files and ProgramData parts. In addition to this, a special setup tool is delivered as well to facilitate the setup-process. The installation process is described is an easy to follow installation document.



Support:

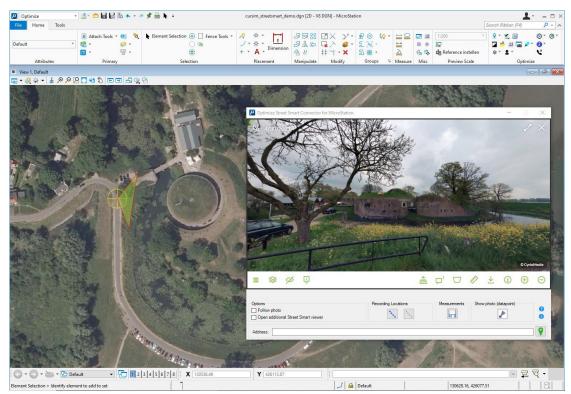
Optimize Street Smart Connector is developed, maintained and supported by The People Group. See the links below for additional information.

- Support/helpdesk: support.thepeoplegroup.nl
- Product Page: Optimizeconnect.nl

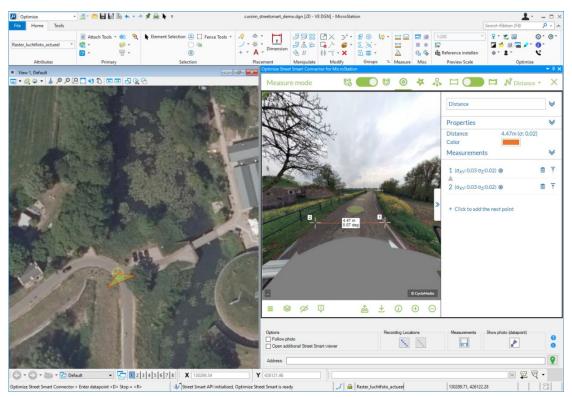
Please contact Cyclomedia (https://www.cyclomedia.com/) for commercial information about the Connector or for support on Street Smart licenses, images, Point Cloud data, API issues etcetera.

Sample screen shots:

Undocked mode:



Docked mode (with Measuring active):



Versie 0.9.2 (16-08-2021 - CMR)

