MicroStation Capabilities You Won’t Find in AutoCAD

Unleash your creativity and get work done faster with these unique design capabilities
Get to the Point Faster

Stream to the Team

MicroStation supports point cloud streaming of ANY scale point cloud, from anywhere in the world — and just the part you need, on demand.*

Start Working Sooner

Without conversions and server uploads, get started faster using any size point cloud in native format.

Autodesk makes you upload to Recap, convert to OBJ and limits you to 1.5m points.

LAS
ASTM E57
Terrascan BIN
Topcon CL3
Riegl RXP
LAZ
Leica PTG
Leica PTS
Faro FLS
Riegl 3DD
Faro FWS
Leica PTX
Riegl RSP
Z+F ZFS
ASCII XYZ

*requires ProjectWise
Bridge 2D and 3D Workflows

Improve the clarity of models and drawings while accelerating drawing production with workflows to create and dynamically update drawing extractions that remain up-to-date as you make changes to your models.

What’s more, they are uniquely embedded within the models themselves and provide easy navigation back and forth.
Get a Better View

MicroStation supports the use of up to four monitors simultaneously to allow you to use as much screen real-estate as you need.
Get Rid of the Guessing Game

How many nearly identical components do you have in your CAD library and how long do you spend finding the right one for the design task at hand?

MicroStation allows you to create and use smart parametric objects with pre-defined variants so you can have fewer objects in your library to search through and manage.

They also include the 3D and various 2D representations of those objects and can be managed and shared in the cloud with project teams along with any associated documents such as specifications.
Stay Active

MicroStation enables you to start a command (such as place line) in one window and snap to a spot in any other view without having to make the view active (really useful in 3D modeling), speeding up design workflows.
Eliminate the Tedium of Manual Drafting

Reduce the time to create and update annotation, reports and schedules and reliably control the consistent display of objects by leveraging their embedded properties.

For example, easily create annotation that takes its information (like equipment ID) from the associated object. Once created, the annotation stays automatically updated if the properties change.
Work Together Better

Collaborate more easily and effectively with industrial-strength capabilities built to enable teams to work better together.

Enjoy advanced referencing capabilities enabling both live referencing (refreshed with a click of a button) and even referencing a drawing to itself for things like detail creation.

Instead of manually compiling project progress reports or struggling to get everyone using the right project standards, every file can be associated with a shared project, automating project-wide reporting, standards adherence, and simplifying collaboration workflows.
To learn more, visit
Bentley.com/MicroStation