

# Trimble Business Center Office Software

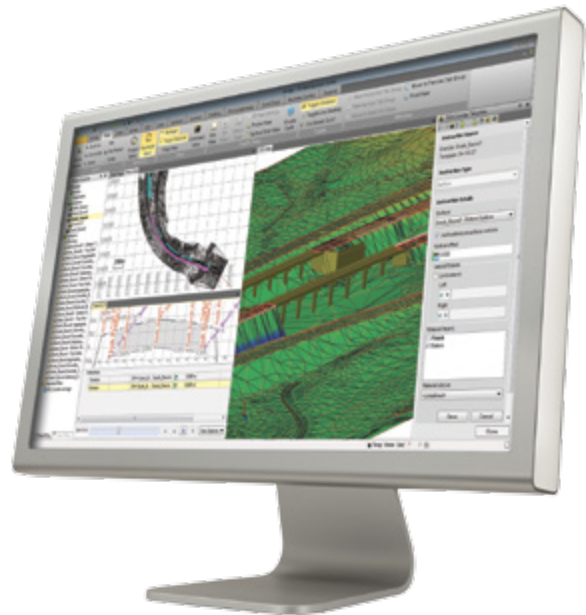


## A Powerful Geospatial Data Office Software Suite

HARNESS THE POWER OF GEOSPATIAL DATA FAST. AS THE DESKTOP COMPONENT OF TRIMBLE'S SUITE OF GEOSPATIAL SOLUTIONS, TRIMBLE® BUSINESS CENTER SOFTWARE PROVIDES YOU WITH THE CAPABILITY TO EFFICIENTLY EDIT, PROCESS, AND ADJUST YOUR DATA WITH CONFIDENCE.

### What is Trimble Business Center?

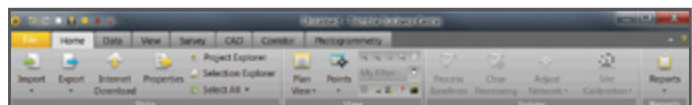
Trimble Business Center is a highly automated desktop application for processing and managing optical, GNSS, imaging and point cloud data. With unique capabilities, such as GNSS data processing, cross-section plotting and integrated photogrammetry functionality, Trimble Business Center enables geospatial professionals to bring their data straight from the field and begin working with it immediately to produce the deliverables they, or their clients, require. Likewise, users can quickly edit a design and send it to the field for layout.



### Customizable User Interface

A CUSTOMIZABLE USER INTERFACE ENHANCES THE TRIMBLE BUSINESS CENTER EXPERIENCE. FOR USERS WHO WISH TO MAXIMIZE THEIR EFFICIENCY, THE TRIMBLE BUSINESS CENTER RIBBON INTERFACE MAKES FUNCTIONS EASY TO FIND AND UNDERSTAND.

- Add frequently used functions to the Quick Access Toolbar.
- Create ribbon tabs with streamlined workflows.
- Specify any website as the Start Page.



# Supported Workflows

TRIMBLE BUSINESS CENTER SUPPORTS A BROAD RANGE OF WORKFLOWS. ONE OFFICE SOFTWARE DOES IT ALL.

## Control Surveying

CONFIDENTLY PRODUCE RELIABLE CONTROL COORDINATES FOR THE SPAN OF THE ENTIRE PROJECT.

- Create projects with a wide selection of coordinate systems and geoid models.
- Review, edit and process GNSS, total station, and leveling observations.
- Postprocess static GNSS data with Trimble's HD-GNSS processing engine for more reliable positions.
- Adjust traverses and complete networks containing GNSS, total station, and leveling observations.

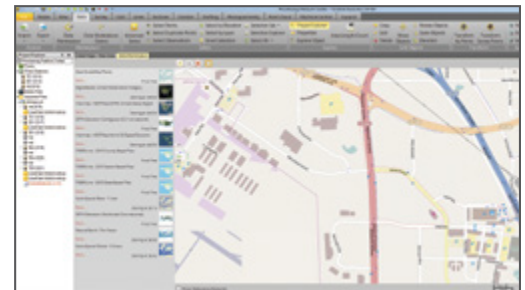


Adjustment of leveling data and integration into Network  
Adjustment for cadastral survey.

## Field to Finish

EASILY CREATE CAD-READY DELIVERABLES DIRECTLY FROM SURVEY DATA.

- Import any existing raster and vector data for bidding estimates and project planning.
- Process feature codes, compute volumes and automatically model terrain.
- Create surfaces and contours from points and breaklines to accurately model terrain.
- Plot and save your survey designs in a variety of CAD and GIS formats.

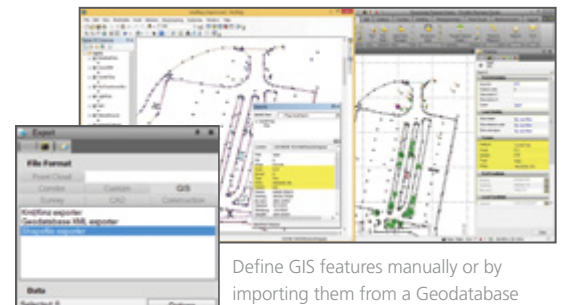


Browsing for Open Street Map vector data through Data  
Marketplace for survey design.

## GIS Feature Collection

EXPAND THE UTILIZATION OF YOUR SURVEY SYSTEMS BY CREATING GIS DELIVERABLES FOR YOUR CLIENTS.

- Create and manage rich feature libraries matching attribute schema, layers and symbology from GIS and CAD.
- Process feature codes to automatically create geometry and attributes.
- Import/Export features to a variety of file formats including ESRI Shapefiles and Geodatabase XML files.

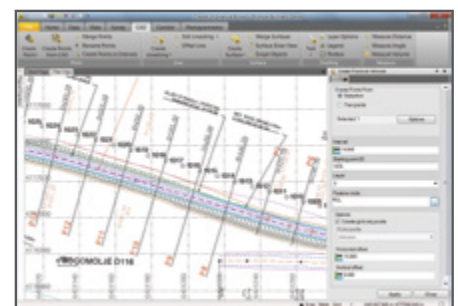


Define GIS features manually or by  
importing them from a Geodatabase  
XML file

## Construction Staking

ENSURE THAT YOUR STAKING PROJECTS ARE PERFORMED CORRECTLY AND RECORDED FOR VERIFICATION.

- Import road and site designs directly using variety of CAD and BIM formats.
- Create points, lines, alignments, surfaces, and corridors to stake out with Trimble Access, machine control systems and other positioning solutions.
- Review and report on as-staked locations from field devices.

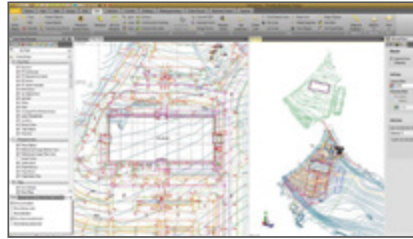


Automatically create points at horizontal and vertical  
offset from an alignment for stakout.

## Data Prep

MAKE SURE YOUR DATA IS CLEAN, UP-TO-DATE AND DELIVERED IN THE RIGHT FORMAT TO GET THE JOB DONE.

- Import and organize CAD and PDF data.
- Rapidly extract and digitize data from Adobe PDFs.
- Elevate 2D contours, points, lines and polygons into 3D models.

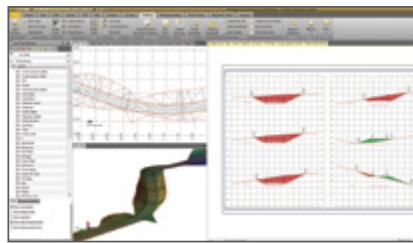


Elevating existing ground 2D CAD drawing into 3D model for stakeout and machine control.

## Drafting

PRODUCE YOUR FINAL SURVEY AND ROADWAY DESIGN PLOTS WITH EASE.

- Use Dynaviews to efficiently place your model space data into plotting sheets.
- Automatically plot cross-sections for alignment-based surfaces or corridors.
- Create 3D PDFs for easy communication and collaboration with project team members and clients.

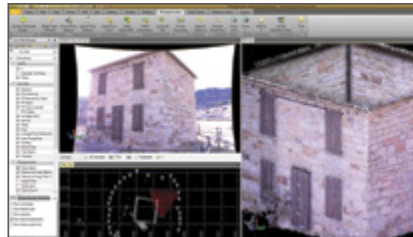


Final inspection of cross-sections layout in a sheet view before plotting.

## Terrestrial Photogrammetry

MEASURE AND MODEL FROM TRIMBLE VISION IMAGES IN THE COMFORT OF YOUR OFFICE.

- Accurately extract 3D geometry and features from images enabling rich CAD and GIS deliverables.
- Generate points clouds and surfaces for volumetric and modeling purposes.
- Produce high resolution .html, Google Earth and .jpeg panoramas.

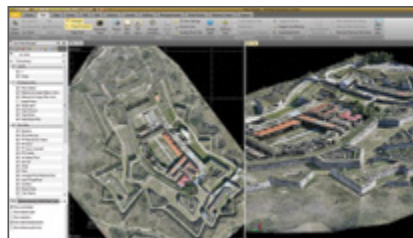


Trimble V10 derived panorama and points cloud for facade reconstruction.

## Aerial Photogrammetry

PRODUCE ACCURATE ORTHOMOSAICS AND TERRAIN MODELS FROM UAS DATA WITH HIGHLY AUTOMATED WORKFLOWS.

- Create high resolution point clouds, orthomosaics and elevation raster DSM/DTMs.
- Create accurate 3D terrain models for volumetric computations and design.
- Seamlessly integrate UAS deliverables with other surveyed data. types.



Trimble UX5 derived orthomosaic and point cloud for preservation of cultural heritage.

## One Software Does It All

TBC efficiently combines leveling, optical, imaging, lidar, and GNSS data in a single software to produce accurate, detailed deliverables.

Use TBC to convert 2D drawings into editable 3D models for stakeout and more. Download your project site information from the online Data Marketplace and plan your work before bidding on a job or visiting a site. Adjust traverses and complete networks containing GNSS, total station, and leveling observations. Produce 3D PDFs for easy sharing of complex datasets with project stakeholders. Import the latest types of smart models and integrate their rich detail in measurements, models, and other deliverables. Export images and 3D elements to Trimble SketchUp for rapid modeling and simplified detailing using contents from the SketchUp 3D Warehouse. Easily transfer data to and from all major CAD and GIS solutions to simplify operations.

Just one software supports projects from planning through analysis and reporting and helps you get the job done quicker!

Trimble website:

<https://www.trimble.com/Survey/trimble-business-center.aspx>

YouTube:

<https://www.youtube.com/user/TBCSurvey>

## Flexible Licensing Options

WHETHER YOUR BUSINESS REQUIRES A SINGLE LICENSE OR A MULTI-USER ENTERPRISE LICENSE, TRIMBLE BUSINESS CENTER OFFERS FLEXIBLE LICENSING OPTIONS TO MEET YOUR REQUIREMENTS.

- Scalable functionality for desired efficiency and budget
- USB hardware licenses for individual workstations
- Software code licenses for individual workstations and network servers

## A Trimble Business Center Edition Matched to Your Business Requirements

A COMPREHENSIVE AND SCALABLE TOOLSET FOR EVERY GEOSPATIAL BUSINESS.

- **Base Edition:** Supports quality-check workflows, network adjustment, reporting and L1 GPS processing.
- **Complete Edition:** Supports site calibration, full GNSS processing, and all workflows related to surfaces and images.
- **Advanced Edition:** Supports Trimble VISION technology and corridor workflows.
- **Aerial Photogrammetry Module:** Designed for working with Trimble UAS data.
- **Advanced Drafting Module:** Designed for automation in cross-section and land survey map generation plotting.
- **Data Prep Module:** Quickly turn your 2D drawings and PDFs into 3D models.



### NORTH AMERICA

Trimble Navigation Limited  
10368 Westmoor Drive  
Westminster CO 80021  
USA

### EUROPE

Trimble Germany GmbH  
Am Prime Parc 11  
65479 Raunheim  
GERMANY  
+49-6142-2100-0 Phone  
+49-6142-2100-550 Fax

### ASIA-PACIFIC

Trimble Navigation  
Singapore Pty Limited  
80 Marine Parade Road  
#22-06, Parkway Parade  
Singapore 449269  
SINGAPORE  
+65-6348-2212 Phone  
+65-6348-2232 Fax

## System Recommendations

### OPERATING SYSTEM

- Microsoft Windows® 7 (64-bit version)
- Microsoft Windows 8 (64-bit version)

### PROCESSOR

Recommended . . . . . Intel® Pentium® Dual-Core E2160  
(1.80 GHz, 1 MB L2 Cache, 800 FSB) or better

### RANDOM ACCESS MEMORY (RAM)

Minimum . . . . . 2 GB  
Recommended . . . . . 8 GB or greater

### HARD DISK

Recommended . . . . . 5 GB or more  
Graphics . . . . . DirectX 9 (or higher) compatible graphics card

with 512 MB memory or more

Note: To display point cloud data (if applicable),  
graphics card must support Open GL 3.2

Monitor . . . . . 1280x1024 or higher resolution  
with 256 or more colors (at 96 DPI)

I/O Ports . . . . . USB 2.0 port

## Supported Languages

- Chinese Simplified
- Czech
- Dutch
- English US
- English UK
- Finnish
- French
- German
- Italian
- Japanese
- Korean
- Norwegian
- Portuguese
- Russian
- Spanish
- Swedish

