Trimble Business Center
OFFICE SOFTWARE

ENABLING FIELD TO FINISH WORKFLOWS WITH CONFIDENCE

Harness the power of geospatial data reliably. Trimble® Business Center enables you to efficiently edit, process, adjust and create deliverables with confidence.

Complete Software Solution

Comprehensive workflows for Survey, GIS, and specialist service providers creating deliverables from traditional data types or expanding to the latest point cloud and imagery data from terrestrial, mobile and aerial sensors. One software does it all: eliminating historically disjointed workflows, supporting the needs and flexibility of multi-disciplined businesses and reducing costs of software purchases and training.

Data Integration

Combine data from GNSS, total stations, and levels to achieve the most accurate horizontal and vertical results. Enhance visualization and data richness with points clouds, imagery, BIM and CAD models as well as PDFs to create the ultimate in complete project deliverables. Market leading data integration allows users to easily adopt new sensor technology to respond to evolving customer needs.

Confidence Inspiring Results

TBC is loaded with all the necessary tools to control, manage and check your data – ensuring the most accurate and precise results. Don't put up with fragmented data sets or questionable data that causes costly mistakes and jeopardizes your business reputation. TBC provides the confidence to ensure every project is correct.
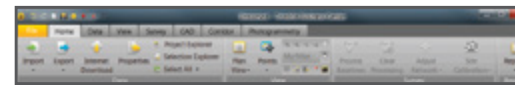
Rich Deliverables

TBC enables you to deliver a multitude of application based deliverables such as QA reports, surfaces, CAD plans and complex alignment/corridor designs. Strong partnerships with major CAD and GIS packages ensure that data transactions with TBC are seamless and highly productive.

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

Trimble®

SUPPORTED WORKFLOWS
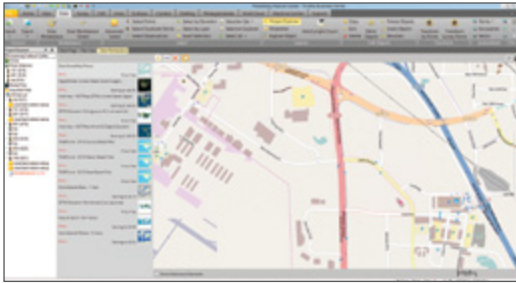
One office software does it all.

Adjust leveling data and integrate into network adjustments

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

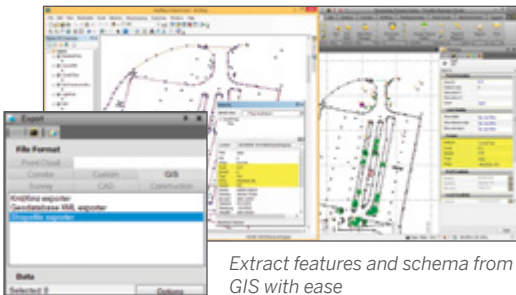▶ Adjust traverses and complete networks containing GNSS, total station, and leveling observations

Retrieve Open Street Map data through the Data Marketplace for use in survey designs

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

Extract features and schema from GIS with ease

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 file formats including ESRI shape files and geodatabase XML files

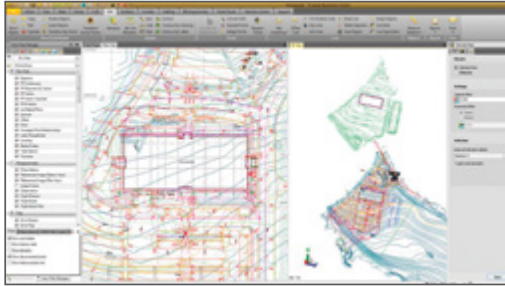▶ Directly connect to the GIS data system of record to extract schema and data enabling efficient GIS operations

Automatically create points at horizontal and vertical offsets from an alignment for stakeout

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
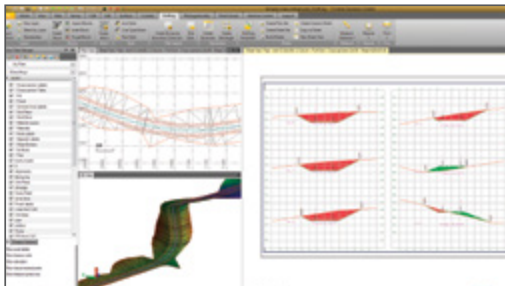
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Elevate existing 2D CAD drawings into 3D models for stakeout and machine control

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 vector PDFs
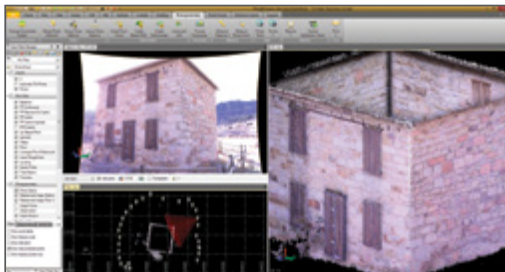- ▶ Elevate 2D contours, points , lines and polygons into 3D models

Inspect and edit cross-sections layout before plotting

Drafting

Produce your final survey and roadway design plots with ease

- ▶ Use Dynaviews to efficiently place your model space data into plotting sheets
- ▶ Efficiently add dynamic labels, line and curve tables, scale bars and other map elements
- ▶ Automatically plot profiles and cross-sections for alignment based surfaces or corridors
- ▶ Create 3D PDFs for easy communication and collaboration with project team members and clients
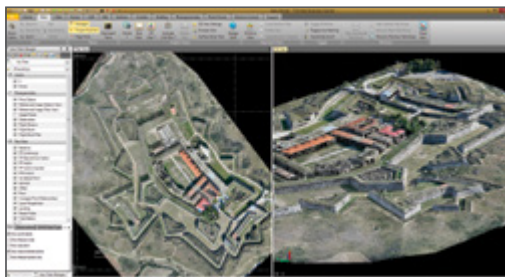

Terrestrial photogrammetry adds rich detail to surveys

Terrestrial Photogrammetry

Measure and model from Trimble VISION images in the comfort of your office

- ▶ Accurately extract 3D geometry and features from images to create rich CAD and GIS deliverables
- ▶ Generate point clouds and surfaces for volumetrics and modeling
- ▶ Produce high resolution .html, Google Earth and .jpeg panoramas

Produce high-value deliverables from UAS data

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

Join the TBC Family Today

Our mission is to serve survey and GIS professionals with the best solutions possible. We are a team of survey and GIS professionals and understand what it takes to get the job done right.

Together with our world class distribution network we are making sure we support your business needs.

Starting to use a new software can often be intimidating. We offer a variety of helpful materials and a world class support network to make you productive quickly. Learning new software has never been easier.

Take a look at some of our resources below.

TBC Power Hour:
http://infogeospatial.trimble.com/TBC_PowerHour.html

Trimble website:
http://www.trimble.com/TBCSurvey

YouTube:
https://www.youtube.com/user/TBCSurvey

Trimble Community:
https://community.trimble.com/welcome

Facebook:
https://www.facebook.com/Trimble-Business-Center

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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:

- 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, feature code processing, COGO, CAD, reporting and L1 GPS processing
- Complete Edition: All of the features of the TBC Base Edition plus site calibration, full GNSS processing, surfaces, volumetrics, more-advanced CAD, and point cloud tools
- Advanced Edition: All of the features of the Complete Edition plus more-automated CAD, corridor/alignment design, and support for Trimble VISION terrestrial photogrammetry
- Aerial Photogrammetry Module: Data processing and deliverable production for Trimble UAS
- Advanced Drafting Module: Simplified, highly-automated plotting of survey data including sectional views
- Data Prep Module: Existing drawing cleanup and conversion of 2D drawings into actionable 3D models
- GIS Module: Seamless connection to geodatabases to integrate high-accuracy survey operations with GIS

SYSTEM RECOMMENDATIONS

Operating system

- Microsoft Windows® 7 (64-bit version)
- Microsoft Windows 8 (64-bit version)
- Microsoft Windows 10 (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

Contact your local Trimble Authorized Distribution Partner for more information