TIMMS Spatial Processor

TSP VERSION 2.0

INTUITIVE, POWERFUL CONTROL

The Trimble Indoor Mobile Mapping System is the tool of choice for geospatially-accurate indoor laser scanning and panoramic imaging of large indoor spaces. TIMMS Spatial Processor is redesigned to give the operator more control and more visibility over their project in a single, intuitive interface.

Control your ground control

The new interface makes it easier than ever to update information regarding your ground control and tie points. Edit coordinates, datums, and even occupation times post-mission within one easy-to-use interface.

Floor level visualization

Review trajectories, photo center locations, and resulting floor plans one floor at a time in a single, powerful view. Layer selection allows the user to create the optimal view for the task at hand.

Accuracy across multiple days

Intelligent use of ground control and tie points allows for accurate merging of missions for those large, multi-day surveys.

Choose your projection

TIMMS Spatial Processor now supports a multitude of datums, projections, and transformations for your point clouds and image geolocation data. User-defined transformations are also supported for local coordinate systems.

Drag and drop. Save anywhere.

Simplified project controls allow the operator to begin with a simple drag and drop operation. TIMMS Spatial Processor does not require collected data and processed data to reside on the same path, so computer resources can be more efficiently utilized.

### Step by step, or all at once.

Walk through your processing job step by step, or queue the whole process and let it run. TIMMS Spatial Processor provides maximum control and productivity.

Supports your workflow

TIMMS Spatial Processor is designed for professional workflows. Optimized for Trimble MX Software and Trimble RealWorks.

Key Components

▶ **Points Manager** – Globally change coordinates, datums, timing of GCP observations

▶ **Map Projections** – Select from an exhaustive list or define custom projections and datums

▶ **Advanced Project Management** – Save processed data separately from real-time data to optimize resources

▶ **2D and 3D Views** – Visualize trajectory data floor by floor in 2D or 3D view modes

▶ **Network Licensing** – Share across your organization for more flexibility
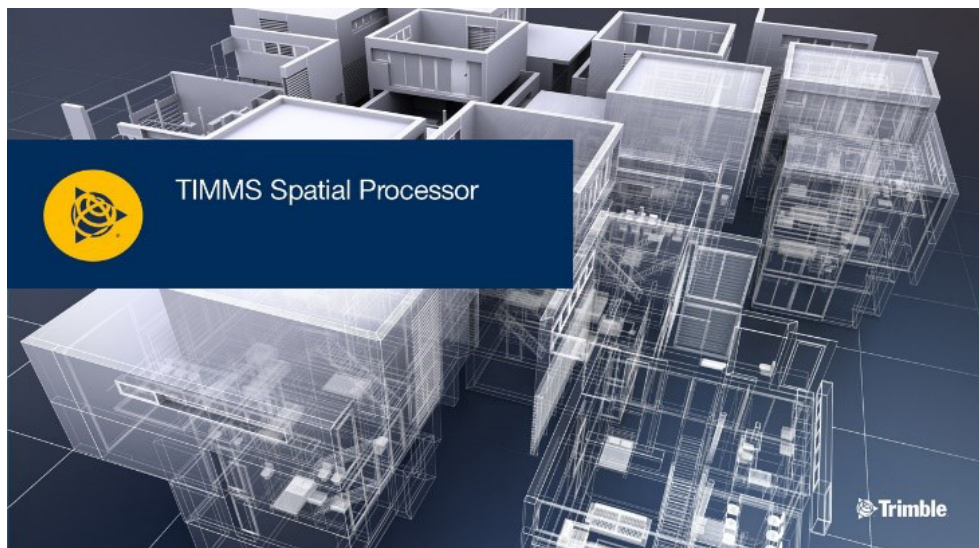
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SYSTEM REQUIREMENTS

Minimum and recommended system specifications are detailed below. Additional storage space, processing capability, and RAM will improve performance in most applications. For large volumes of processed data and reduced processing times, higher specification computers are strongly recommended.

TIMMS Spatial Processor

GENERAL REQUIREMENTS:
Operating System: Microsoft Windows 7 or 10

Processor: Intel 64-bit, 2.8 GHz dual-core (5 GHz 8-core recommended)
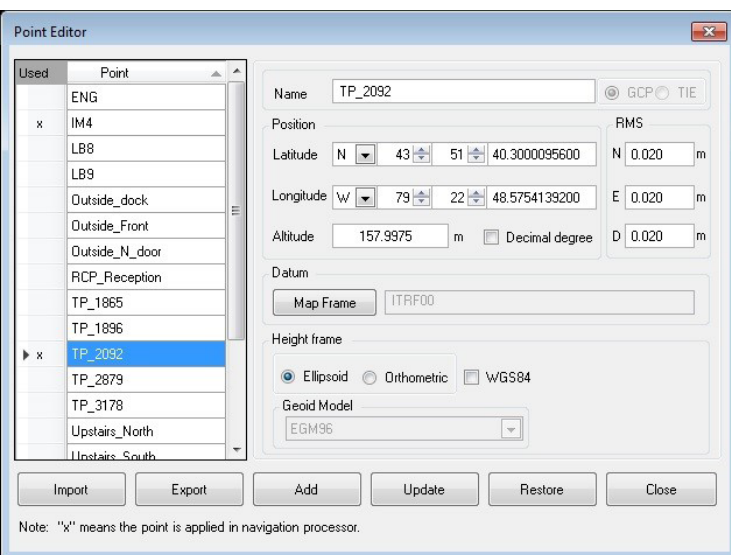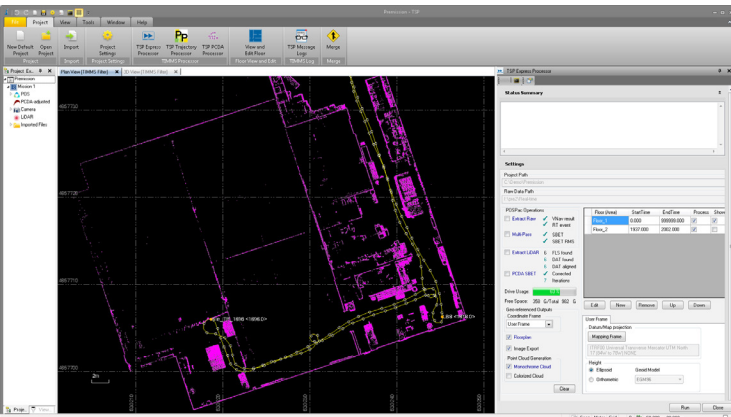
Memory: 32 GB RAM (64 GB recommended)

Graphics Card: 1 GB of memory

Disk Space: 2 GB needed for installation

Disk Space (Mission Processing): 1 TB (SSD recommended)

▶ TIMMS Spatial Processor data processing speed is highly dependent on the disk speed and disk access times.

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