

# AND THEN THERE WAS ONE

Introducing The New Trimble® SX10 Scanning Total Station!



**February  
7th  
2017**

**Ramada  
Grand Dakota Hotel  
Dickinson, ND  
10:30 am – 6:30 pm  
\$40 Per Person**



Sponsored by Trimble®  
& Frontier Precision, Inc.

## 4th Annual Geospatial User Group

### Tricks & Tips on Using:

- ▶ Trimble GNSS Solutions
- ▶ Trimble Robotic Total Stations
- ▶ Trimble Access Software 2016.10
- ▶ Trimble Business Center 3.80  
GIS Module / Draft Module

### What's New?

- ▶ Trimble SX10 Scanning Total Station
- ▶ Professional Services  
Mobile Imaging / Scanning Solutions
- ▶ MidStates VRS / Monitoring Solutions  
Update
- ▶ UAS Update

### REGISTRATION FEE INCLUDES:

Frontier Precision/Trimble gadgets  
& refreshments throughout the day -  
lunch is NOT included.

**Register by calling Nathan at  
Frontier Precision, at: 800.359.3703  
or Register via email, to  
[nathank@frontierprecision.com](mailto:nathank@frontierprecision.com)**

Join us following the User Forum  
for Frontier Precision's Annual  
Customer Appreciation Event  
from 7:00 pm - 9:00 pm

[LOCATION TO BE ANNOUNCED]



Trimble® SX10 Scanning Total Station



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WORLDWIDE  
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# Trimble SX10

## SCANNING TOTAL STATION

### IT'S A REVOLUTION. IN ONE STATION.

The Trimble® SX10 scanning total station redefines the capabilities of everyday survey equipment by providing the world's most innovative solution for surveying, engineering, and scanning professionals. The Trimble SX10 will change the way you work. This new, versatile solution is capable of collecting any combination of high-density 3D scan data, enhanced Trimble VISION™ imaging, and high-accuracy total station data, allowing you to capture exactly what you need, saving you time and money on every job.

Trimble's new Lightning 3DM enables the SX10 to capture both high-accuracy total station measurements and true high-speed 3D scans together in a single instrument providing a higher level of measurement performance than ever before. The system has been designed from the ground up leveraging trusted technologies like MagDrive™ and SurePoint™. Combining these with new technologies like advanced Autolock® allow the SX10 to deliver maximum accuracy, efficiency and detail. The complete integration of the SX10 with Trimble Access™ and Trimble Business Center software enable familiar and efficient survey workflows to get your crews up and running fast.

### 3D Scanning That's Superior in Every Way.

The Trimble SX10 measures dense 3D scan data at up to 26,600 points per second with high precision over the full measurement range of up to 600 m. With the Trimble SX10, point cloud data is captured and then automatically registered with your survey workflow. Whether you're capturing full dome scans from your station setup or simply augmenting your survey data with scans of specific areas of interest, be confident that all of the information you gather will drop right into your survey coordinate system.

### VISION That's Even Better Than Ever.

The unique implementation of Trimble VISION technology onboard the Trimble SX10 gives you more power than ever to direct your survey with live video images on the controller as well as create a wide variety of deliverables from collected imagery. From the very beginning, you'll find it gives users in any setting a new, higher level of performance, including the ability to capture full dome panoramas in as little as three minutes. And it offers varying levels of imaging capabilities and resolutions, whether you're documenting your site, or capturing additional visual detail on your DR observations.

### Get the Most Out of Your Field Data With TBC.

Back in the office Trimble Business Center lets you fully integrate Trimble SX10 data into your projects using the familiar workflows of the market leading survey office software. Enhanced point cloud management, automated extraction and interoperability to leading CAD and GIS packages ensures that you can satisfy even your toughest client demands.

### Unparalleled Precision. Unrivalled Performance.

The Trimble SX10 scanning total station sets a new standard for accuracy, capability and performance. Whether you're performing a typical job or your most challenging survey projects, the SX10 gives you the confidence to do it all and do it well.

## Key Features

- ▶ Combines surveying, imaging and high speed 3D scanning in one revolutionary solution
- ▶ Trimble's Lightning 3DM enables both high-accuracy total station measurements and high-speed scanning capability
- ▶ Scanning speeds of up to 26,600 points per second at ranges up to 600 m and the smallest spot size in the industry—a mere 14 mm at 100 m
- ▶ Improved Trimble VISION technology allows for fast and easy capture of high resolution site imagery
- ▶ Complete integration with familiar workflows of Trimble Access and Trimble Business Center Software

