

Turning Turtle

December 2008 Issue



Brings You Measure News You Can Use!

About the Company

Turning Point Systems Group provides consultative sales, rentals and training of measuring systems products and software for Reality Capturing. Our staff offers extensive experience in the sales of Surveying, Construction, Forensic and Engineering HDS, TPS and GPS technologies. We know that measuring sales takes 10% Sales, but 90% Surveying Product Knowledge and Experience!

Turning Point is an Authorized Distributor for Leica Geosystems HDS, SOKKIA Corporation and Carlson Software, serving the Great Lakes Region with staff in Milwaukee and Chicago. Additionally, to support our clients, we supply products by Rust-Oleum, Crain, Presco Products, CST, Stan's Industrial Woodworking and Seco Manufacturing from our Milwaukee Warehouse. Turning Point is the only Wisconsin instrument supplier accredited by the Better Business Bureau and is veteran-owned.

Monthly Giveaway

November/December Prize: Sighting Level!

Ideal for preliminary surveying and simple distance estimation.



Enter the store and WIN!

Every time you visit the Turning Point Milwaukee store, enter the monthly drawing for a chance to win!! A different prize every month, just for visiting us with your smiling face.

Congratulations!

October Winner

**Mark Zapp of
Jansen Group**

You have won a free Sighting Level!

Turning Point Client Holiday Lunch

When: Thursday, December 18, 2008

Time: 11:00 AM-3:00 PM

Where: TPSG Office

Lunch For Our Clients
Prizes Under The Tree

Automated Linework with Carlson

BY MATT O'ROURKE

Technology has provided us many ways to improve the surveying industry. In many cases the technology moves so fast we have a hard time keeping up. One aspect that has improved greatly but is overlooked in many cases is the way we collect our data. Today's data collection software programmers at Carlson have developed technology to streamline the Field to Finish aspect of the data collection. With these new programs we can have up to 80% of our drafting done before the drawing hits our drafter's computer screen.

We all ask ourselves how we can implement this type of program into the way our field crews operate. Most of us are used to using the same field code list that our own company developed or sometimes we may have to use a list provided by those that we are doing the work for. DOT's are a great example of one of these.

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Service and Repair

How to Clear The RAM Backup and Why

Clearing the RAM backup seems to improve performance on the Ranger platform after new programs have been installed or removed. Make sure that all software applications are closed and select the "RAM Backup" icon from the control panel. Select the "Delete" button and answer "Yes" to the three resulting message boxes.

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6480 N. Industrial Road, Milwaukee, WI 53223 • (414) 353-8774

24/7 EMERGENCY & SUPPORT LINE (414) 324-5850

• Please visit us at www.turningpointssystemsgroup.com •

SOKKIA

Leica
Geosystems

Carlson

The days of carrying around a laminated copy of your code list should be over. It's cumbersome and usually we end up losing them and coding things MISC and letting our drafters know.....or we'll get a call asking what point number 3456 coded MISC is and by that time we're on our next job scratching our heads. I've been on both ends of that phone call and it's time we stop and take advantage of the technology.

The first thing we can do is create a file for our existing field codes that can be read by our data collection software, for Carlson its SurvCE. If we have a current code list set up in our drafting software, i.e. AutoCAD .mdb, we can reformat it so our data collection software can read that too. We can also edit our list further by determining what codes can be designated as point, line, or 3D lines so that when we collect them the software can assign them to the proper layer, assign a symbol, and automatically generate lines right on our data collector screen! These lines will also be exported to our drafting software.

We also can edit our linework in the data collector. To start a line in the field all we'll have to do is click on an icon to start or end a line or if we have our codes designated as line codes a line will automatically be started. We can also view what lines are currently running so that we don't have to remember which line we started on the other side of the road 2 setups ago. If we'd like to end the line from 2 setups ago we can do that too and start a new one.

On the import to our drafting software all our linework will go to the proper layers along with our points. Since we did some or all of our linework editing in the field as we collected the data our drafting technicians will be able to create working drawings much faster because they won't be chasing around any loose ends.

If you are interested in learning how Carlson SurvCE and Carlson Survey 2009 can streamline up your data collection process, saving your company time and money, contact us and we can get you more information. You can also set up an appointment to see it in action.



TURNING POINT
would like to make
your company a ★
for our 2009 Turning
Point Calendar!
Submit the best
photos of your
company using our
equipment today.

Email photos to: rril@turningpointssystemsgroup.com
Winner will be announced and featured in the calendar!!

New Sokkia Firmware

Sokkia just announce that a new firmware version (V3.500/2.120) is now available for the GSR2700 ISX. This new version contains several enhancements designed to improve the overall performance of the receiver. This firmware upgrade is recommended for all users.

GSR2700 ISX V3.500 Features:

- Improved Network RTK support for third party reference networks to enhance position availability and convergence time
- Improvement of ambiguity resolution under high multipath

Turning Point's New Winter Hours

December 22nd through March 27th, our showroom will have special winter hours - Monday through Friday 8:00am to 4:00pm, or by appointment. We are still always available to you 24/7 at 414-353-8774.

CARLSON CIVIL SUITE 2009

Carlson Survey 2009

For AutoCAD and with the IntelliCAD Engine



- Carlson Survey
- Carlson Hydrology
- Carlson GIS
- Carlson Civil



Limited Quantity
When they're gone, they're gone.
Original price is \$3,500

A NEW LEVEL OF VERSATILITY & SPEED IN LASER SCANNERS

In addition to its four fundamental total station features, Leica ScanStation has already proven to significantly reduce field labor in comparison to traditional methods. High-Definition Surveying™ (HDS™) has become more profitable even more as-built and topographic survey projects.



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