ADMAR Positioning Solutions (APS) is the source for all your survey needs from GPS, scanners, machine control, and total stations, to flagging, tape measures, and mag nails and everything between. We carry Topcon’s full line of products as well as Sokkia, Carlson, Crain, SECO, and many other major brands. With six branches throughout New York State, APS is large enough to fill any order, but small enough to know our customers and their business’ needs. Our management, sales, and support team are ready to make your ADMAR Experience a great one.

**OUR TEAM**

**Management**
Evan Spencer, Positioning Department Manager

**Sales**
Chad Arva, Sales Representative
Carissa Schiefer, Survey Sales Representative

**Field Support**
Mike Conley, Senior Positioning Support Technician
Tom Krenzer, Senior Machine Control Support Technician
Curt Drewel, Desktop Support Technician
Chad Gerhart, Positioning Support Specialist

**Positioning & Laser Service**
Frank Dutko, Positioning Service Manager
Jeff Fisher, Positioning Service Technician
Jeremy Bittner, Logistics

**Administration**
Jim Obi, Positioning Coordinator

ADMAR Positioning Solutions is more than your source for positioning equipment, software and supplies. We also offer a full range of training to keep our customers up-to-speed with today’s ever-changing technology. Training includes instructor-led courses and webinars on the use of survey, GIS, and construction layout equipment and software.

**Call us for more information and ask about custom training to fit your needs!**

**Introduction to GIS | 3D Modeling Essentials | Carlson | Magnet Field | Field to Finish**

**Construction Stakeout with Total Stations | GPS Training | Machine Control/Machine Guidance**

Visit admarsupply.com/topcon-training to sign up today!

As a valued Topcon customer, you have access to Topcon’s learning portal, myTopcon.

myTopcon provides direct access to a comprehensive library of training and support content available in a mobile friendly format. With single sign-on access you can browse by product for informative quick guides and training video content.

View the latest webinar or E-learning to advance your professional knowledge and stay on top of the productive digital workflows that advance your business. Visit mytopcon.com today.
**FC-5000**

**FIELD FIT**

Powerful, tough, and versatile, the FC-5000 brings the processing speed expected in the office directly to your project site. Your daily field computer just arrived and is set to impress.

- Sunlight readable 7 in. display
- Intel® Atom™ Z3745 processor
- MIL-STD-810G and IP68 certified
- Windows® 10 operating system
- 8 MP rear camera, 2 MP front camera
- Integrated 4G LTE cellular module (optional)
- Compatible with Pocket 3D, MAGNET or Carlson software

**FC-6000**

**FILE FRIENDLY**

The new FC-6000 field controller drives Topcon optical instruments, GNSS receivers and software simultaneously.

- Updated processor includes faster, smoother rendering of 3D files
- Enables operators to store larger job files and run more applications and processes
- Ideal for survey, horizontal and vertical construction applications
- Easy to use, and cloud connected software on a ruggedized field controller
- Compatible with Pocket 3D, MAGNET or Carlson software

**FC-500**

**MEET MODERN FIELD DEMANDS**

With the same touch-screen technology as smart phones, the FC-500 field controller has a crisp and sunlight readable display that delivers in any condition. With internal GPS and an optional camera, running your choice of Topcon field software, the power is in your hands.

- Large, 4.3” sunlight readable display
- Rugged, MIL-STD-810G and IP68 certified
- 5 MP digital camera (optional)
- 3.5G cellular modem (optional)
- Internal GPS accessible from MAGNET Field
- Bluetooth® and Wi-Fi Wireless connectivity
- Compatible with Pocket 3D, MAGNET or Carlson software

**Allegro 2**

**MEET MODERN FIELD DEMANDS**

Designed for all-out data collection, the Allegro 2 features a full QWERTY & numeric keyboard, carefully selected for its ergonomic form. The product includes an Overtime Technology™ battery that powers this sturdy piece of equipment for well over 20 hours on one charge, eliminating the worry of a dying battery. And let’s not forget the Sun-to-Shade™ high-visibility display, 20% larger than the previous Allegro, and easy to view in both glaring sunlight and shady conditions.

- Full numeric & QWERTY keyboard for rapid data entry
- Backlit, ergonomic design to provide maximum efficiency
- Outstanding battery life runs 20+ hours
- Operates in extreme temperatures from -22° F to 140° F (-30° C to 60° C)
- Transfective technology provides maximum visibility in both bright sunlight and shade
- Compatible with Pocket 3D, MAGNET or Carlson software
GM-100 Series
ADVANCED DESIGN WITH SUPERIOR TECHNOLOGY

Topcon is proud to offer another world’s first technology in all GM-100 total stations – TSshield. Every instrument is equipped with a telematics-based multi-function communications module providing the ultimate security and maintenance capabilities for your investment.

- Advanced security and maintenance with TSshield™
- Fast and powerful EDM
- Advanced angle accuracy
- Long battery life – 28 hours (Eco mode)
- Rugged, waterproof design

GM-50 Series
VERSATILE, ECONOMICAL SOLUTION

The GM-50 Series is smaller, lighter, with increased storage capacity. Offered at an even more cost-efficient option than previous models, it provides customers the perfect tool for entry-level site layout and surveying.

- Fast and accurate new EDM
- Bluetooth® communications (optional)
- Advanced angle accuracy
- Long battery life – 14 hours
- Rugged, waterproof design with IP66 rating
- 500 m long-range reflectorless measurement
- 50,000 point internal memory

GT Series
THE ULTIMATE TOTAL STATION

The GT series of robotic total stations are a trimmed down, high-performance solution that’s ready to impress today, yet still grow with you into tomorrow. You get the efficiency of a single-operator robotic system, the power of long-range reflectorless measurements, and the ability to perform as a hybrid positioning solution. All in a compact system that’s a third smaller and twice as fast.

- UltraSonic Direct Drive motors
- 30% smaller and lighter with more functionality
- TSshield™ global service
- Advanced UltraTrac technology
- 5 Year Guarantee
- Available in two models—GT-500 and GT-1000

LN-150 3D Layout Navigator
FUSION OF LASER AND ROBOTIC TECHNOLOGIES

Everything about the LN-150, from the advanced technology inside, to its clean and innovative design, is a game changer for layout. With Topcon time-proven and robotic total station technologies, the instrument offers a totally new tool that’s easy to use, without sacrificing the accuracy and versatility needed for all types of construction layout.

- Single-operator solution for precise 3D layout
- Easy one-button self-leveling setup
- Out of the box usage with MAGNET Construct included
- Portable, lightweight and easy to use
- Digital layout for building and infrastructure
- Replaces paper plan and tape measure workflow
- Autodesk and MAGNET workflows
- LongLink™ Bluetooth®
- TSshield™
- Increased field of view
ROBOTIC TOTAL STATIONS - VERTICAL CONSTRUCTION

GTL-1000
CONSTRUCTION VERIFICATION EVERY DAY

Our scanning solutions help you work more productively, more efficiently, and keep teams better informed. Together with ClearEdge3D Verity, the simplified verification workflows cover a range of applications including documenting jobsite as-built conditions and performing construction verification to ensure project accuracy is built 100% to plan.

- Quick layout and scanning with a single instrument
- Instant point cloud registration
- Proven robotic total station design integrated with a scanner
- Full dome scan and images in seconds
- Scan density tailored to minimize software processing time
- Accurately match point clouds to BIM coordinates

GT-500V
FOR ALL USER TYPES

Experience a performance like you’ve never seen before. The GT-500V Series robotic total stations are lightweight, high performance solutions to fulfill your measuring needs at your work site.

- UltraSonic motors
- 30% smaller and lighter
- TSshield™ for theft deterrence and location tracking
- Advanced UltraTrac technology
- Three-year instrument warranty
- Five-year UltraSonic motor warranty
- Laser plummet

Construction Verification
Fast & Simple

A single instrument to layout and scan on a single set up. Discover how to increase productivity and minimize mistakes, re-work and cost overruns. toponp.com/GTL-1000
HiPer SR
SIMPLE AND SOPHISTICATED

Daily setup routines are made easy through the HiPer SR's LongLink intelligence feature. More than just a wireless Bluetooth connection, LongLink serves to automatically connect multiple HiPer SR rovers to your mobile base. Just power them on and let the system do the rest. Combine your Topcon HiPer SR receiver with a robotic total station system, to create a hybrid solution ready for any environment.

This entry-level GNSS solution is ideal for interference-free, short-range, wireless communication between base and rover. With an optional, internal, dual-SIM cellular modem the HiPer SR can also be used as a MAGNET Relay mobile base, adding flexibility to your portfolio for your various project scenarios.

- Capable of tracking GPS and GLONASS constellations
- Universal Tracking Channels capable of all-in-view tracking
- Hybrid Positioning ready
- Signal scrubbing Fence Antenna® to provide ultimate signal lock
- Highest accuracy positioning for RTK, network, and more

HiPer HR
SET YOURSELF FREE TO WORK

The HiPer HR GNSS receiver overcomes field challenges with a unique blend of technologies. If you're under tree cover, or can't get the pole plumb, or need to range widely from your base, or you need superb accuracy, or work in wet conditions, or all of the above, you'll be free to do your best work.

As part of the Elite Survey Suite hybrid positioning solution, using network correction, mounted to a vehicle or grade checking with Millimeter GPS, or an almost countless number of applications, the HR combines the features to help you succeed.

- Next generation Fence Antenna for superior reception
- Rugged, waterproof IP67 environmental design
- Cellular, LongLink and Radio communications all integrated
- 452 Universal Tracking channels
- Unique 9-axis TILT™ compensation
- Internal Wi-Fi and multi-spectrum Bluetooth

HiPer VR
VERSATILE GNSS RECEIVER - COMPLETE, CUTTING-EDGE PERFORMANCE

The HiPer VR is smaller and lighter, but don’t let its small size fool you. It’s not only packed with the most advanced GNSS technology, it is also built to withstand the harshest field environments. Built with a rugged housing – not weak plastic – it can take the punishment of the jobsite.

- Universal Tracking Channels™ for all satellites, signals and constellations
- Field-tested, field-ready IP67 design
- Compact form factor ideal for Millimeter GPS and Hybrid Positioning™
- Revolutionary 9-axis IMU and ultra-compact 3-axis eCompass

TILT™ - TOPCON INTEGRATED LEVELING TECHNOLOGY

The HiPer VR incorporates a revolutionary 9-axis inertial measurement unit (IMU) and an ultra-compact 3-axis eCompass. This advanced technology compensates for mis-leveled field measurements out of plumb by as much as 15 degrees.

Awkward shots on steep slopes or hard to reach spots are now a breeze with TILT.
EXCAVATOR MACHINE CONTROL - AUTOMATIC

**X-53x**

**TRANSFORM YOUR EXCAVATING**

Configured as an “Indicate” system, X-53x provides real-time, dynamic on-screen bucket location and design view. This allows the operator to dig right to grade every time. Upgrading to the optional “Automatic” configuration makes the system smart and easy by hydraulically controlling the digging depth and bucket angle, making a pro operator faster and better and making a novice dig like a pro.

The X-53x system features fully integrated multi-constellation GR-i3 receivers for precise positioning of the boom, stick and bucket at all times. The GR-i3 is designed as an integrated GNSS receiver and antenna all in one, providing powerful performance in harsh environmental conditions. The automatic option includes custom joysticks and an integrated hydraulic control valve.

- Cut grade faster and more accurately
- Create, cut, and check complex designs from the cab
- Increase safety by removing grade checker from the trench
- Indicate and Automatic options

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**EXCAVATOR MACHINE CONTROL - INDICATE**

**X-53i Excavator**

**CONQUER THE SITE**

This trim 3D excavator system provides modern tools when excavating complex slopes or even while working “in the blind.” Bucket movement is tracked in real time, delivering key information to reach grade repeatedly. The purpose-built X-53i system allows you to work independently – the software quickly directs you to centerlines and guides your bucket to grade. With integrated GNSS technology, a bright and clear touchscreen control box, and innovative tilt sensors – the X-53i system saves time, facilitates common tasks and movements while improving safety daily. Eliminate overexcavation while reaching the target grade with precision.

- Cut grade fast and accurately
- Cut flat, vertical and 3D surfaces
- Fully upgradable
- Improves job safety
- Lightbar grade guidance and built-in audible alarms

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**X-52x Excavator**

**2D EXCAVATION ESSENTIALS**

A streamlined and modern excavation system that gets you to grade as a cost effective 2D solution.

Our ruggedized LS-B10W laser receiver combined with compact TS-i3 tilt sensors allow you to stay on grade without having to ever re-string. To complete each task, the GX-55 control box actively indicates where your bucket needs to be and gives you an experience that was designed for your excavating skills.

When future projects dictate GNSS location and precision, the X-52x system is easily upgradable to a full 3D capable X-53x system. In addition, because it utilizes the latest 500kbps Baud Rate TS-i3 sensors and MC-X1 controller, it is also fully future-proofed and ready to support even more planned enhancements as they become available.

- Increase safety by removing grade checker from the trench
- Work from an existing elevation reference or laser
- Easily upgradable to full 3D GNSS
- Create, cut, and check complex designs from the cab
- Easy-to-see cut/fill indicators
DOZER MACHINE CONTROL 3D FULL-AUTO SYSTEMS

3D-MC\textsuperscript{2} Dozer

ON GRADE — FROM THE FIRST PASS

3D-MC\textsuperscript{2} allows performance to be up to 200\% more effective than existing 3D systems — whatever the ground — whoever the operator. Saving time, fuel and money at every pass.

- Inertial technology
- GPS + GLONASS coverage
- 100 Hz blade position update rate
- 100 Hz hydraulic update rate
- Smoothness and accuracy comparable to motor graders

3D-MC\textsuperscript{MAX} CONSTANT IN-MOTION CONTROL

Redefine the capabilities of your dozer. The 3D-MC\textsuperscript{MAX} system uses two inertial measurement units (IMU) that enable you to blade faster and smarter, without the need of a mast.

The increased response time with our two IMUs working together enables you to make tighter turns, cut smoother grades, and expand your work potential beyond normal automated dozing applications.

- Grade on any slope with rapid blade response times
- Mastless, no more daily set up and take down procedure
- No blade bouncing
- Single or dual antenna 6 way blade control
- Perform detailed as-builts with “bottom of the track” data
PAVING MACHINE CONTROL

3D-MC Paving
ACCORDING TO PLAN

Control any paver right from digital site plans. The paver produces exact thickness at exact slope automatically, with fast and accurate 3D transitions through horizontal and vertical curves.

Everything goes according to plan, in this case a 3D plan — a 3D design.

- Millimeter level accuracy
- 2400 meter horizontal working range
- 40 meter vertical working range
- Multiple users in the same zone
- Pave horizontal, vertical or combined transitions

P-32 2D Paving System
SCREED CONTROL

Perfect paving is all about control — screeid control. Topcon screeid control systems improve smoothness, ensure accurate slope and material thickness, and provide unmatched operator convenience and ease-of-use.

- Control both sides of the screeid
- Digital LCD display provides clear 3-color grade and function icons
- Rugged, field proven system and component reliability for over 25 years
- Works with most full-size asphalt pavers

Intelligent Compaction System
MAKE EVERY PASS COUNT

Our modern compaction systems go beyond simple pass count registry. Through secure connectivity to the global Sitelink3D service, each compactor not only performs tasks faster, but also becomes part of the overall project like never before.

- Leveraging multiple integrated temperature sensors, each compactor achieves consistent results through constant feedback into the system.
- Ruggedized GNSS technology provides accurate pass counts, geographic locations of each run, as well as georeferenced task assignments and completion.
- State of the art accelerometer that performs in all conditions to deliver confident surface stiffness values that ensure you are achieving regulatory intelligent compaction standards.
- Connectivity to our Sitelink3D Enterprise service promotes each machine to then take advantage of 24/7 access to project data, team collaboration, custom reporting, as well as standard export to Veta analysis software.

RD-M1 Scanner
REAL SURFACE DATA, AT SPEED

The RD-M1 scanner collects a constant stream of data as you drive, delivering precise surface conditions. You can quickly scan miles of road in short time, without the need for costly lane closures or re-work.

With this revolutionary solution, normal traffic conditions continue uninterrupted - dramatically saving time, eliminating the need to close lanes, and increasing the safety of your crew.

The sophisticated design works seamlessly with an integrated HiPer SR GNSS receiver as well as an inertial measurement unit (IMU) to accurately capture point data while traveling at speed. Cruising at normal highway speeds, your data is automatically time-stamped and instantly stored for the next step of easy management and point cloud generation.

- Downward facing LIDAR scanner for optimal road surface definition
- Scan at speed without lane closures
- Collect millions of points safely from the cab of the truck
- Scan rates up to 100 times per second
- Easy installation and removal for daily use
- Graphical software for intuitive processing
RL-H5 Series
- With great distance and high-accuracy — The RL-H5 series are next generation self-leveling construction lasers
- Long-range operation (400 to 800 m)
- Extra-long battery life (100 hours)
- Tough IP66 weatherproof rating
- Simple, intuitive manual slope capability
- ±10 to ±20 Arc second horizontal accuracy

RL-VH4DR
- Choice of Topcon’s patented GreenBeam® or traditional red beam technology
- Fast self-leveling - under 5 seconds
- SmartScan® Technology
- Horizontal / vertical operation
- RC-40 remote
- LS-80 laser detector with rod clamp (GC kits only)
- Removable lighthouse cover

RL-200 1S/ RL-200 2S
- Single & Dual Slope Lasers
- 5 arc second repeatability
- Wide grade range without slope blocks
- Extra-long battery life (65 hrs)
- Increased range - up to 2,500 ft. (770m)
- Fully automatic self-leveling

TP-L5 Pipe Laser Series
- World's most accurate pipe lasers
- Optional green beam
- SmartLine automatic alignment
- Rugged cast aluminum, waterproof housing
- Stringline attachment for quick alignment
- RC-200 infrared remote included
- Large illuminated LCD display
- Up/down plummet beams

With long-range operation and exacting precision, the RL-H5 series are the next generation of self-leveling construction lasers.

topconpositioning.com/RL-H5
MAGNET®
SUITE OF SOFTWARE SOLUTIONS

MAGNET® Enterprise is a secure web-service with unlimited file storage that advances connectivity, provides data oversight, and connects to third-party applications.

Control your business and improve your profit with MAGNET® software. A customizable, integrated full range of software solutions that help you increase productivity at every stage of your project.

The MAGNET® system of software solutions works seamlessly with our 3D products and helps streamline your jobs.

Plan, manage, and oversee projects to better track and oversee your assets. Through the MAGNET® system, there are automatic connections to Autodesk software — single file transfer from Civil 3D environment out to Topcon construction and survey solutions. Simplify processes, and reduce chances for errors.

- Mass haul planning | Material takeoff | Machine control file preparation | File exchange & conversion

Sitelink3D®
TURN YOUR MACHINES INTO A COMMUNITY

Can’t get hold of an operator? Don’t know where your machines are located? A sudden change in today’s task assignments?

Sitelink3D brings you that connectivity and control. Sitelink3D gives tabular views of project crews, their exact position, activities, files in use, plus a myriad of other functions. A simple key stroke allows the user to interact with any specific machine connected to the system.

- Text messaging and file transfer
- Visibility and tracking
- Remote access and support
- Reporting and analysis

Topcon Tierra
A READY-TO-GO SOLUTION FOR REMOTE ACCESS TO YOUR ASSETS

Topcon Tierra is a powerful web application that enhances your control and visibility of your vehicles or machines with a set of specific reports about their status, maintenance, and remote diagnostics. You can easily avoid risks in terms of unauthorized use of assets, thefts, unscheduled jobs and unexpected movement. Our solution is made of a powerful device to provide localization features and data logger capabilities with worldwide coverage (GPRS, 3G, CDMA). Through an easy-to-use, web & mobile internet based application, you will retrieve all the information needed about your assets.

- Check grade and verify cut/fill
- Set grade stakes
- Volume quantities - measure and compare surfaces
- Measure and store as-builts
- Industry’s easiest to use interface

Pocket 3D
TOTAL SITE AWARENESS

Add our grade management system to your business and take more control over the entire jobsite. Pocket 3D puts the power of GNSS based site management in the hands of the site foreman and grade checkers making it easy for them to verify grades, reset stakes or locate utilities on the site.

With Pocket 3D, contractors can measure their productivity on a monthly, weekly or even daily basis to make sure they are staying on schedule. This information provides contractors a tool for maximizing equipment utilization. What a great way to get the most out of your biggest investment.

- Text messaging and file transfer
- Visibility and tracking
- Remote access and support
- Reporting and analysis

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ADMARPOSITIONING.COM
800.836.2367
Get centimeter-level results without being weighed down by your equipment. This compact receiver delivers full-featured, high-precision performance. The GCX3 is the ideal local jobsite base/rover RTK (Real Time Kinematic) system or network RTK rover — and like all of our solutions, you can customize it to meet your needs and create your own workflows.

The GCX3 is an ultra-lightweight, compact solution that minimizes heft on the range pole. You get maximum mobility and ease of use in the field. But do not let the size fool you — the GCX3 antenna performance in obstructed canopy environments outperforms other traditional antenna technology.

Built with leading-edge technology, the GCX3 brings you the best in GNSS RTK and static data collection. The POST2™ integrated antenna delivers first-class performance. Adding BeiDou, Galileo, SBAS, QZSS, and GAGAN satellite tracking in addition to GPS and GLONASS ensures the best positioning availability.

Providing flexibility in a variety of ways for static or RTK data collection, the GCX3 easily adapts to nearly any application. A pair of GCX3 receivers can be used as a base and rover using wireless multi-channel long-range Bluetooth® technology RTK corrections. When combined with a cellular-enabled field controller, the GCX3 also performs as an ideal precision network RTK rover.

- All-in-view constellation GNSS receiver
- 226 optimized satellite tracking channels
- Second-generation POST2™ (Precision Orbital Satellite Technology) integrated antenna — robust signal tracking even around interference sources
- Compact, lightweight, rugged and cable-free design
- Ideal network RTK rover
- Wireless, multi-channel long-range Bluetooth® technology

**IX Series**

**ULTRA-POWERFUL, ULTRA-ACCURATE, ULTRA-SLIM AND RELIABLE**

The IX Series robotic total stations are a trimmed down, high-performance solution. You get the efficiency of a single-operator robotic system, the power of long range reflectorless measurements, and performance as a hybrid positioning solution.

UltraSonic technology is the driving force for the IX Series. The UltraSonic motors are the thinnest, lightest, and most powerful on the market — providing you with the smoothest and most accurate prism-tracking possible. It’s a difference you can see and hear immediately.

With a rotation speed of 150° per second, no matter how fast you move, or how many obstacles are in the way, you cannot outrun the IX.

Our new UltraTrac technology gives you increased prism-tracking strength in all conditions. Advanced instrument algorithms deliver the confidence you need to move ahead. It’s not that you lose line-of-sight, it’s how fast you can reacquire and get back to work.

Featuring a remarkably slimmed down design, the compact system is a third smaller and lighter than previous robotic instruments, yet twice as fast. Without traditional gears or wearing parts, the UltraSonic motors are much more rugged and durable – lasting four times longer than previous total stations, and we back it with a five year warranty.

**iM Series**

**BIG POWER, SMALL PACKAGE**

Easy-to-use, highly accurate, rugged, and reliable the iM-100 manual total station is perfect for entry-level site layout and surveying. The iM-100 is built to be your hardest worker, made to withstand even the toughest conditions.

Featuring a new top line EDM, the iM-100 is fast, accurate, and powerful. It has 1.5 mm / 2 ppm accuracy and is able to measure up to 5,000 meters to standard prisms, and in reflectorless mode measures up to 800 meters at an incredible 2.0 mm + 2 ppm accuracy.

Like all of our products, you can customize it to meet your needs and create your own workflows.

- Fast, accurate, and powerful EDM
- Reflectorless up to 800 meters
- Dual-axis compensation
- Waterproof IP66 rating
- Typical battery life is tested to 28 hours in Eco mode and 21 hours in regular mode
- Dual-axis compensation ensures stable measurements even on rough terrain. The compensator automatically corrects both horizontal and vertical angles and allows for more accurate instrument setups and measurements.

**GRX3**

**POSITIONING MADE EASY**

This fully integrated all-in-view constellation RTK GNSS receiver brings a new level of versatility and flexibility into your precision positioning applications. The GRX3 provides unmatched usability and versatility that’s sure to enhance your productivity. And like all Sokkia products, you can customize it to meet your needs and create your own workflows.

- Sokkia Tilt Technology
- L Band Ready Technology
- 226 Universal Tracking Channels™ covering all modernized signals (GPS, GLONASS, Galileo, BeiDou, IRNSS, QZSS, SBAS)
- Integrated 400MHz UHF and SiteComm™ Radios
- RTK and static survey operations
- Fusion Positioning™ technology automated workflow
- Standard RTK and Network RTK
- IP67 rated
Carlson Takeoff

Carlson Takeoff is available in two configurations: Takeoff OEM and Takeoff Suite. Takeoff OEM includes an AutoCAD® engine built-in and has all of the same ingredients as the Takeoff Suite, which works on AutoCAD® sold separately, or with IntelliCAD® built-in.

The Takeoff Suite is comprised of the modules Carlson CADnet, Carlson Trench, and Carlson GeoTech combined with Carlson Construction. All are fully integrated with Carlson Civil and Hydrology to meet the variety of customers’ needs.

Carlson Survey

As the number one office solution for surveyors in the U.S., the Carlson Survey 2017 release continues its development of survey features based on customer requests. The versatile and popular surveying software solution works like a surveyor thinks.

Carlson Survey is designed for use for land surveying. It provides a full toolkit for surveyors with everything from network least squares to surface modeling. Users get the ability to work seamlessly between the office and the field and they can establish company-wide design styles to ease and speed their work.

Carlson Civil

Carlson Civil is a complete civil engineering software featuring ‘Fair Price. Full CAD. Free Support!’ Carlson Civil provides enhanced Civil features and includes support for AutoCAD® versions 2010 to current and the improved and stabilized IntelliCAD®8.3.

Carlson Civil is the civil engineering design software that puts you in the passing lane! What might take days with other civil engineering software takes just hours, or even minutes, with the powerful and intuitive Carlson Civil—it’s advanced technology that will work for you.

Carlson Surveyor2

FAST, DURABLE AND POWERFUL

THE SPEED YOU NEED!
THE RELIABILITY YOU DESERVE!

The Carlson Surveyor 2 is even more rugged than its popular predecessor — IP68 water & dustproof; shock resistant. Still just 2 pounds and the QWERTY keyboard speeds data entry.

Comes with a larger, brighter display screen with a higher resolution, easier-to-read color display with scratch-resistant glass.

Available options include an integrated camera, 3G modem, and GNSS receiver.

• Faster Processor — More on-board storage space — now 8GB; and 1.0 GHz processor
• Long-Range Bluetooth — Up to 1500 feet paired with class I device
• Extended Battery Life — Up to 20 hours

Carlson RT3 Ruggedized Tablet

READY FOR ANYTHING WITH ILLUMIVIEW™ HIGH-VISIBILITY DISPLAY AND CHEMICALLY STRENGTHENED DRAGONTRAIL GLASS™

• Large, 7-inch display for easy viewing with IllumiView™ technology
• All day battery with 8-10 hours on a single charge
• IP68 waterproof and dust-proof rating with Dragontrail™ Glass for impact and scratch resistance
• Wi-Fi, long-range Bluetooth® and 4G LTE (GEO CELL model)
• 2-year Warranty with Business Class Support

CARLSON PRODUCTS
**LD-12**

**EASY-TO-USE WATER LEAK DETECTOR OPTIMIZED FOR GROUND “MIKING” ON STREETS & CONCRETE SLABS**

The LD-12 water leak detector is a very easy-to-use detector, featuring six filters that allow the unit to screen outside noise and zero in on water leaks. The LD-12 is a must for every water utility as it's the professional's water leak detector.

Standard includes amplifier with meter display and filter controls, ground microphone and hand switch, aviation-grade stereo headphones and heavy-duty ABS plastic carrying case.

- Considered one of the best leak detection locators for the price.
- Large meter display, allowing the user to pinpoint the exact location.
- Six selectable filters, split into three "low side" filters and three "high side" filters.
- High-sensitivity ground microphone and low "electronic noise" amplifier combine to offer the best quality sound leak detection.
- Three accessories for pinpointing a leak. Ground plate, magnetic base and contact rods.

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**ML-1M**

**ALL-INCLUSIVE MAGNETIC LOCATOR WITH SIMPLE, ONE-HANDED OPERATION PLUS DIGITAL METRICS.**

The ML-1M is one of SSI's longest-enduring and industry-leading products for magnetic detection. Whether you’re seeking corner markers (iron or steel), well casings, steel drums or septic tank handles, this is the go-to magnetic locator for you.

And for good reason. The ML series offers simple one-handed operation with an easy-to-learn keypad featuring only three buttons - no menus or cumbersome instructions to follow. The audio unit has the volume built into the on/off key; just hold down the key while it cycles through the settings. The ML-1M features strong monotube construction, providing structural integrity you can count on.

In addition to the features of the original ML-1, the ML-1M is metered, offering you added features without added complexity. The digital meter provides for visual signal strength, polarity indication, gain setting plus battery life display. These versions are engineered to operate identically with the same controls.

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**PL-2000**

**DURABLE UTILITY, PIPE AND CABLE LOCATOR WITH THREE SIGNAL OPTIONS.**

The PL-2000 multifrequency pipe and cable locator is a very durable unit that is a work of art in its simplicity of use and sophistication of operation. It is unique in that it offers four modes: peak, null, distance and sonde. Plus, it's a workhorse, offering three active frequencies, two passive frequencies, four modes of operation and both inductive and direct connection capabilities. And all its components are housed in a well-protected, lightweight and easy-to-use design.
SITEPRO PRODUCTS

DT8-05
DIGITAL TRANSIT THEODOLITE

Simple, push button functions gives the user precise LCD digital readouts.

- Incremental encoding detection system with dual digital displays
- Automatic power shut-off
- Optical plummet for centering of point
- Coaxial tangent and clamp screws provide ease of use in sighting and alignment
- Built-in battery pack can be attached and detached by a single action
- Water resistant, sealed construction
- Includes: instrument, sunshade, tool kit, rain cover, plumb bob, carrying case, rechargeable battery pack/charger, alkaline battery tray, user manual

LT6-900
22X MERIDIAN TRANSIT-LEVEL

Modestly priced and easy to use, these instruments are designed for light construction work – leveling, turning angles, and determining vertical angles.

- Horizontal Circle – Graduated to single degrees and reads by vernier direct to 1/4 degree (15 minutes)
- Features a Vertical Arc – Read to degrees (0-45°)
- Horizontal Lock and Tangent Screw – Provides precise movement control
- Built-in Sunshade – For clearer sightings
- Leveling Vial – Top mounted for effortless viewing

LT8-300LTU
UNIVERSAL LINE TRANSFER UNIT

360° telescope rotation allows you to see directly below the instrument for pipe laying applications. Ruggedness and dependability make these five minute instruments the first choice for practically every horizontal and vertical sighting application in construction.

- Circle Lock – Assures accuracy by preventing the horizontal circle from being moved accidentally
- Solid three-piece standard-engineered to protect against dirt, damage and costly repairs.
- Wide-stance ball bearing center assures smooth movement and superior alignment control.
- Top-mounted vial is out in the open and easy to see.
- Focus knob is easy to reach, no matter what angle you’re shooting.

25-SK32X
32-POWER PROFESSIONAL AUTOMATIC LEVEL

These auto-levels feature excellent magnification with large aperture that allows more light for a sharper image. Finely tuned magnetically dampened compensator levels and stabilizes the line of sight despite fine vibrations, providing high precision leveling results.

- Compensator is designed with four suspension wires made of super-high-tensile metal that features minimal thermal expansion coefficient
- Horizontal and vertical cross hairs with 1:100 stadia lines – measures level, alignment & estimates distance
- Fine motion horizontal tangent knobs on left and right sides allow friction braked rotation, endless horizontal drive and precise pointing and angle measurement
- Peep sight to aid in sighting
- Solid leveling metal base with three precision leveling screws provides stability and accuracy in all weather and jobsite conditions
- 360° Graduated horizontal circle in 1-degree increments for layout applications
- 10'/2mm circular bubble vial with 90-degree mirror for accurate and quick set-up
ADMAR Positioning Solutions (APS) is a full-line SitePro, SECO, Topcon and Sokkia accessory dealer.

Contact Frank Dutko at fdutko@admarsupply.com for current inventory and volume discounts.

Visit admarsupply.com/apspreorder for online product requests. APS can have your order ready for pickup or delivery. If APS exhibits at an industry conference you plan to attend, we will deliver your order at the show*.

*If picking up at an industry conference, request must be made by the deadline published on above website.

Warranty & Repair Service

ADMAR Positioning Solutions is a Topcon Warranty Service Center and provides factory authorized repair service for all products. A complete estimate is provided before any work is performed.

ADMAR Positioning Solutions is proud of the quality warranty and repair service we provide to our customers, from the field surveyor to construction workers, who need and want their equipment returned to their projects and jobsites at the earliest possible time.

We’re a Topcon authorized service center that will also provide repairs and service to other top industry brands. Please call our service department for more information.