Contents

- Our Company Overview
- Our Products & Services
- Our Market & Distribution
Our Company Overview

Brief Introduction of the Company

Mission, Objectives & Values

Organization Structure
Introduction

Measurement systems limited is a leading supplier of innovative measurement products, positioning solutions, equipment in the fields of surveying, mapping, engineering, construction, weather, water and Medical. We are also the country’s, Eastern and Southern Africa Excluding South Africa leading distributor of Pentax, FOIF, KQGEO, ComNav, CnDadi, Beijing NavTech, Milesey and Microsurvey corporations, all of which are developers and manufacturers of measuring and positioning products.

The companies have been built on personal integrity, knowledge and strong manufacturing and distribution relationships. We provide customers with experienced sales professionals, reliable and leading edge products and technologies from the most reputable manufacturers and a complete portfolio of value added services.

Measurements Systems Limited set itself apart from the competition with value added services provided before and after the sale. Measurement Systems Limited provides customers with a full range of supplies and accessories needed for the operation of their businesses. We also maintain full lines of rental equipment for those customers who currently are not in position to procure or have too much work that their equipment holding cannot support.

Measurement Systems Limited is run by licensed land surveyors and engineers who have more than 20 years’ experience in the line of land survey. We also carry out production and consultancy services in the areas of surveys and mapping using modern equipment, tools and technologies for various applications including cadastral, topographical, engineering, GIS, monitoring among others.

www.measurementsystems.org Phone: +254735445622
Mission, Objectives & Values

Mission Statement
We are dedicated to providing products and services that generate the greatest possible return on investment for our customer, we utilize our experience in the industry to seek and provide technologies that will add a competitive advantage to those who invest with us. Accordingly, all services will be accomplished in an efficient and professional manner, always respecting the time and resources of our customers.

Objectives
• Provide customers with experienced sales professionals
• Provide customers with reliable products and technologies
• Provide customers with leading edge products and technologies

Values
• Personal integrity
• Knowledge
• Strong manufacturing and distribution relationships
• Provide experienced sales professionals
• Reliable and leading edge products and technologies
• Complete portfolio of value added services
Dealership

FOIF (Suzhou FOIF Co., Ltd.) [www.foif.com](http://www.foif.com) dates back nearly 50 years, with the founding of Suzhou First Optical Instrument Factory in 1958. With more than 500 employees, FOIF has integrated R&D, manufacturing, sales, logistics and after-sales services of surveying and mapping instruments. FOIF is currently the leading manufacturer in China. FOIF is focused attention on the needs of construction industries and surveying market. FOIF is high-tech enterprise has been awarded a Grade AAA certificate from the Chinese government in the Jiangsu province for honoring contracts and keeping promises. FOIF attained quality management system ISO9001:1994 Certification of DNV (Det Norske Veritas) in 1996, and attained ISO9001:2000 Certification in 2002.

TI Asahi Co., Ltd. [www.pentaxsurveying.com](http://www.pentaxsurveying.com) is the manufacturer of world renowned PENTAX surveying instruments and GNSS products. The company has 80 years experiences and expertise of producing surveying instruments, the foundation of its root company dating back to 1933, their products having served a huge number of surveyors in the world. The company was founded as Asahi Kogaku Goshi Kaisha in November 1919 by Kumao Kajiwara, at a shop in the Toshima suburb of Tokyo, and began producing spectacle lenses (which it still manufactures). In 1938 it changed its name to Asahi Optical Co., Ltd. (旭光学工業株式会社 Asahi Kōgaku Kōgyō Kabushiki-gaisha), and by this time it was also manufacturing camera/cine lenses. In the lead-up to World War II, Asahi Optical devoted much of its time to fulfilling military contracts for optical instruments. At the end of the war Asahi Optical was disbanded by the occupying powers, being allowed to re-form in 1948.
Dealership

**ComNav Co., Ltd.** [www.comnavtech.com](http://www.comnavtech.com) Located in Shanghai - the economical centre of China, ComNav Technology Ltd. develops and manufactures multi-constellation, multi-frequency GNSS measurement engine boards and receivers for ultimate high precision positioning applications. It is the very first Chinese company to develop, design and produce combined GNSS boards. With its fast-paced business growth, ComNav Technology is making waves in the global high-precision GNSS industry. ComNav Technology strictly manufactures every piece of board/receiver based on the ISO standard. There are totally two testing process to certify the quality of our products. And for the international market, ComNav Technology applies a complete testing cycle after the initial QC to ensure our overseas customers that ComNav is very serious on delivering the excellence.

**Shenzhen MileSeey Technology Co., Ltd.** [www.mileseey.net](http://www.mileseey.net) Began research of laser distance meter in 2006, and officially founded in 2009, Mileseey is China’s first original developer of Laser Distance Meters focusing on the development, manufacturing and sales of full line of laser measurers covering the range from 30m to 200m, and now is an important member of China Associate of Surveying and Mapping Instrument (CSMI). Mileseey products are widely used in industries of professional measurements, surveying and mapping, construction, decoration, design in the past years, and now it spreads to intelligent automation applications such as electricity, water conservancy, transportation, logistics etc. Mileseey is also entering into the field of LSA (Laser Status Awareness), step by step, there will be products based on Laser Mapping, Laser Radar, Service Robot technologies, and provide high quality laser measuring products and solutions to worldwide users.
Dealership

**KQ GEO Technologies Co., Ltd** [www.kqgeo.com](http://www.kqgeo.com) was incorporated in Beijing Economic and Technological Development Zone in May 2001. With over ten years’ development, the company has become a high-tech private enterprise that integrates research and development of software and hardware as well as surveying and mapping in 3S field. The company has a lot of branch offices in Beijing headquarter, covering Zhongguancun, Economic and Technological Development Zone, Daxing, Huairou, Tongzhou etc. With over 3,100 employees, the company set up 31 branch offices in the mainland China and has founded technical centers in Beijing, Wuhan, Ji’nan, Hefei, Chengdu, Shijiazhuang and so on.

**Beijing NavTech & Infcom Co., Ltd** [www.tcdd.com.cn](http://www.tcdd.com.cn) is a professional manufacturer engaged in GNSS products, covering from the production of GIS Data Collectors, Handheld GPS, DGPS, Handheld RTK GNSS Receivers Field Software Development, multi-data management and system integration. The company has been awarded ISO9001 Quality Management System Certificate, Software enterprise certificate and CE certificate for our products. They have their own R&D, production, engineering, sales and service departments. With many years of industry experience, "YiCeBaosteel" brand has been widely used in various industries. In order to offer direct and convenient solutions and services to its dealers and customers, Beijing NavTech & Infcom has established more than 6 customer service centers in different cities in China. "More choice and better choice" is their service idea. Customer-oriented, they believe in continuous innovation, honesty and dedication.
<table>
<thead>
<tr>
<th>Our Products &amp; Services</th>
</tr>
</thead>
<tbody>
<tr>
<td>Survey, Construction and Wide format</td>
</tr>
<tr>
<td>Equipment Financing Options</td>
</tr>
<tr>
<td>Service &amp; Calibration</td>
</tr>
<tr>
<td>Rental Equipment</td>
</tr>
<tr>
<td>Online printing</td>
</tr>
<tr>
<td>Training</td>
</tr>
</tbody>
</table>
PAIS Systems

Pentax D-600 PAIS (Precise Aerial Imaging System)

- D-600 with 2Axis Gimbal capable for tilt and pan photography
- D-600 with 3Axis Gimbal capable for 360-degree panorama photography
- Designed for aerial photographs, high definition video of the small area, panoramic photography & 360 degrees panoramic photos
- It can be operated at a maximum for 20-60 minutes depending on the size of battery pack and height of up to 500m and 2km control range
- Has an Automatic landing and auto return
- Has FCC auto pilot with flight control IMU attitude recording unit
- Equipped with a light weight POS (Position and Orientation System) GEN-1 which provides high precision position data.
- It can solve precision trace element exterior orientation and to make a direct geo-positioning, w/o ground control points or RTK base station.
- POS-GEN-2 with GPS+GLONASS or GPS+GLONASS+BEIDOU GNSS can be added for providing high-precision data as an option.
- Software for route planning and controlling D-600 and decoding POS data are included.
PAIS Systems

Pentax H-1000 PAIS(Precise Aerial Imaging System)

- H-1000C with a GNSS receiver
- H-1000E with an RTK GNSS receiver
- Applied in Aerial surveying, Aerial photometry, 3D mapping, Rescue, Reconnaissance, Nuclear radiation detection, Agricultural spraying
- Intelligent navigation flight with an intelligent autopilot system
- It can be operated at a maximum for 50 minutes depending on the size of battery pack and height of up to 700m.
- Built-in sensing unit for auto pilot with integrated inertial MENS sensor, 3-axis magnetic compass, pressure sensor and a GPS receiver
- Equipped with POS GEN-2 which records all the corresponding data (GPS/Attitude/Altitude..) for image processing.
- It makes direct geo positioning w/o ground control points.

www.measurementsystems.org
Phone: +254735445622
The Pentax Scanning System S-3180

- Incredible speed and simple operation interface allowing extreme efficiency. With its scan rate of 1 million points per second and maximum scan speed of 100 rev/sec, very short distances between profiles can be achieved even at high speeds.
- At the highest point density of 40,960 points/360°, even small objects can be captured and processed by the software.
- Since the new laser measurement system complies to laser class 1, the scanner can be used in urban environments without restriction.

The Pentax Scanning System S-3180V

- Is highly precise, reliable and flexible.
- Its enormous scanning speed, extended range of 187 m and low weight make it the perfect choice for countless applications.
- Meeting laser class 1 requirements, the S-3180V can be used without restriction in almost any environment. This makes the scanner an interesting option from heritage even to busy environment applications.
- The S-3180V can also take color images without any set-up times.
- Has HDR camera with panorama.
PENTAX GC200 CORS GNSS SYSTEM

- 220-channels GPS, GLONASS, GALILEO, SBAS, BEIDOU, GLOVE A1, B1
- GC200 is typically used as an NTRIP server, can be used both for starting a new CORS station or for integration into existing networks
- It supports acquisition, processing, distribution and the management of GNSS data
- Static horizontal accuracy: 2 mm + 0.3 ppm
- Static vertical accuracy: 3 mm + 0.5 ppm
- Network protocols: HTTP (web GUI), NMEA, GSDF, CMR on TCP, /IP or UDP, Ntrip Server
- 1 Hz, 2 Hz, 5 Hz, 10 Hz, 20 Hz, 50 Hz positioning outputs
- Up to 50 Hz raw measurement and positioning outputs
- Navigation output: ASCII: NMEA-0183, Binary: Trimble GSOF
- 1 pulse per second output, Event Marker input support
- 802.11 g WiFi, Bluetooth Connection, Wireless network WCDMA 3 G
- 32 GB memory & 512 MB System memory + 512 MB RAM
- RTK formats RTCM Ver 2.1, 2.2, 2.3, 3.0, 3.1, 3.2, CMR, CMR+, sCMRx
- Battery: 5,000 mAh (16 hours estimated working time without external power)
- Ntrip Caster Software for CORS Network Management. The software supports different GC200 stations. There are 3 different types of software depending on the number of base stations to support (i.e. <8, <16, more than 16 of base station).
COMNAV M300-PRO CORS GNSS SYSTEM

- 496 channels with simultaneously tracked satellite signals: GPS, BeiDou, GLONASS, Galileo, QZSS, SBAS: WAAS, EGNOS, MSAS, GAGAN
- Typically used as an NTRIP server, can be used both for starting a new CORS station or for integration into existing networks
- It supports acquisition, processing, distribution and the management of GNSS data
- Static horizontal accuracy: 2 mm + 0.5 ppm
- Static vertical accuracy: 4 mm + 0.5 ppm
- Loop recording function supporting long-term recording
- Support five simultaneously raw data recording
- Maximum 50Hz data logging rate
- Storage capacity: 8 GB internal memory, Maximum 1TB external memory
- File format: RINEX 3.X, 2.X or ComNav binary format
- File log session: 5\10\15\20\30min or 1\2\4\24hour Data retrieval and transfer FTP and USB
- Correction data I/O: RTCM 2.X, 3.X, RTCM3.2 MSM4,CMR (GPS only), CMR+(GPS only)
- Positioning data outputs: ASCII: NMEA-0183: GSV, RMC, HDT, VHD, GGA, GSA, ZDA, VTG, GST, PJK, PTNL
- Extended NMEA-0183: BDGGA, GPNTR, GPCDT, GPHPR
- Observations: ComNav binary, BINEX, RTCM3.X, compatible with major CORS software (VRS, FKP and iMax)
PENTAX G6 GNSS SYSTEM

- 555 channels NovAtel 719 Engine Board
- Satellite Signal Tracked: GPS, GLONASS, BEIDOU, GALILEO, BEIDOU, SBAS
- Static, Kinematic, DGPS/RTK using Base/Rover and CORS
- Static horizontal / Vertical accuracy: 2.5 mm + 0.5 ppm/5 mm + 0.5 ppm
- Kinematic horizontal / Vertical accuracy: 8 mm + 1 ppm/15 mm + 1 ppm
- Data formats RTCM Ver 2.x/3.x, CMR, CMR+, sCMRx, RINEX
- Interface: RS232, Bluetooth, USB, Telit HE910-D UMTS, HSPA+, GSM, GPRS, EDGE
- Internal/External Radio, Supporting NTRIP, TILT sensor that works as an electric bubble
- Memory: 4GB SD Card & 4GB Internal, 3.5G GSM module for better performance
- Compact durable metal casing, Dust & weather resistant, IP67
- CE Compliance, ISO certified, and Japan Surveying Instruments Manufacturers Association(JSIMA) certified
- Wi-Fi for direct communication with web browser for e.g. downloading data, firmware upgrades and communication between receiver and controller

Smart Phone Data Collector, Android
Supports Surpad Field Survey Software
Project management: Project settings, import/export using CSV and formats, Communication - Bluetooth/UHF radio & Internet for RTK, Supports various predefined & User Defined coordinate systems, Supports localization/site calibration. Survey applications: Topography, stakeout points & lines, COGO functions, Perimeter, Area Calculations, coordinate Transformations etc

C9 Data Collector, Windows Mobile
Supports FieldGenius and Carlson CE Software
Project management: Project settings, import/export using CSV and formats, Communication - Bluetooth/UHF radio & Internet for RTK, Supports various predefined & User Defined coordinate systems, Supports localization/site calibration. Survey applications: Topography, stakeout points & lines, COGO functions, Perimeter, Area Calculations, coordinate Transformations etc.
Static

RTK (Real Time Kinematic)

PPK (Post Processing Kinematic)

Raw data

Raw data

Raw data

Raw data

Raw data

Post processing

Post processing

Post processing

Base & Rover RTK

Network RTK

Correction data

Correction data

www.measurementsystems.org
Phone: +254735445622
RTK using Internal Radio

- For short range of RTK Measurement
- No internet connection is required
- 3-5km Range

RTK using External Radio

- For Long range of RTK Measurement
- No internet connection is required
- External Radio is required
- 20-30km Range
Network RTK using SIM Card

CORS Station → Correction data → Rover

Network RTK using Portable Wi-Fi and C9 Controller

CORS Station → Correction data → Portable WiFi Router → Rover

www.measurementsystems.org
Phone: +254735445622
220-channels (Trimble BD970) Engine Board
Satellite signals tracked: GPS, GLONASS, GALILEO, SBAS, BEIDOU.
DGPS/RTCM differential positioning: 0.25 m (RMS)
Static horizontal accuracy: 2.5 mm ± 1 ppm (RMS)
Static vertical accuracy: 5 mm ± 1 ppm (RMS)
Kinematic horizontal accuracy: 10 mm ± 1 ppm (RMS)
Kinematic vertical accuracy: 20 mm ± 1 ppm (RMS)
Serial protocols: RTK formats CMR, CMR+, RTCM 2.x, RTCM 3.x
Internal memory: 8GB & Support up to 32GB MicroSD Card
Interface: RS232, Bluetooth, USB, GSM, GPRS, EDGE, CDMA,
Internal/External Radio, Data collector with Field Genius Software
Voice messages, powerful External Radio, Tilt Sensor correct system
FOIF PRS (Portable Reference System) technology compatible with other brands of GNSS Products
Wi-Fi for direct communication with web browser for e.g. downloading data, firmware upgrades and communication between receiver and controller

**C9 Data Collector, Windows Mobile**  
Supports FieldGenius and Carlson CE Software  
Project management: Project settings, import/export using CSV and formats,  
Communication - Bluetooth/UHF radio & Internet for RTK,  
Supports various predefined & User Defined coordinate systems,  
Supports localization/site calibration. Survey applications: Topography, stakeout points & lines, COGO functions, Perimeter, Area Calculations, coordinate Transformations etc.
RTK using Internal Radio

- Base
- Rover
- Correction data
- ✓ For short range of RTK Measurement
- ✓ No internet connection is required
- ✓ 3-5km Range

RTK using External Radio

- Base
- Rover
- Correction data
- ✓ For Long range of RTK Measurement
- ✓ No internet connection is required
- ✓ External Radio is required
- ✓ 20-30km Range
Network RTK using SIM Card

CORS Station -> Correction data -> Rover

Network RTK using Portable Wi-Fi and C9 Controller

CORS Station -> Correction data -> Portable WiFi Router -> Rover
ComNav T300 GNSS SYSTEM

- 256 channels SinoGNSS Quantum Engine Board
- Satellite signals tracked: GPS, GLONASS, GALILEO, SBAS, BEIDOU.
- E-RTK, BeiDou B3 signal used in RTK calculate engine, for long baselines RTK
- Static, Kinematic, DGPS/RTK using Base/Rover and CORS
- Static horizontal /Vertical accuracy: 2.5 mm + 0.5 ppm/5 mm + 0.5 ppm
- Kinematic horizontal /Vertical accuracy: 8 mm + 1 ppm/15 mm + 1 ppm
- Serial protocols: RTK formats CMR, CMR+, RTCM 2.x, RTCM 3.x
- Interface: RS232, Bluetooth, USB, GSM, GPRS, EDGE (supporting NTRIP)
- Internal/External Radio, 3.5G GSM module for better performance
- Voice messages, Automatic Firmware updating, powerful External Radio
- Internal Memory: 256 MB internal & up to 16 GB pluggable
- Compact durable metal casing, Dust & weather resistant, IP67
- Built-in GPRS/GSM/3.5G module ensure the T300 perfectly work in all kinds of CORS
- Support Self-NTRIP Server, Base-Rover communication via GSM, Compatible with all CORS

Smart Phone Data Collector, Android
Supports Survey Master Field Survey Software
Project management: Project settings, import/export using CSV and formats, Communication - Bluetooth/UHF radio & Internet for RTK, Supports various predefined & User Defined coordinate systems, Supports localization/site calibration. Survey applications: Topography, stakeout points & lines, COGO functions, Perimeter, Area Calculations, coordinate Transformations etc

C9 Data Collector, Windows Mobile
FieldGenius, Carlson CE, CGSurvey software
Project management: Project settings, import/export using CSV and formats, Communication - Bluetooth/UHF radio & Internet for RTK, Supports various predefined & User Defined coordinate systems, Supports localization/site calibration. Survey applications: Topography, stakeout points & lines, COGO functions, Perimeter, Area Calculations, coordinate Transformations etc.
Static

RTK (Real Time Kinematic)

PPK (Post Processing Kinematic)
**RTK using Internal Radio**

- For short range of RTK Measurement
- No internet connection is required
- 3-5km Range

**RTK using External Radio**

- For Long range of RTK Measurement
- No internet connection is required
- External Radio is required
- 20-30km Range

**RTK using In-Built Ntrip Server via GSM**

- For Long range of RTK Measurement
- Internet connection is required
- Internet Enabled Sim card is required
- 40km Range as long as Network is available

---

www.measurementsystems.org
Phone: +254735445622
Network RTK using SIM Card

Network RTK using Portable Wi-Fi and C9 Controller
- 220-channels (Trimble BD970) Engine Board
- Satellite signals tracked: GPS, GLONASS, GALILEO, SBAS, BEIDOU.
- DGPS/RTCM differential positioning: 0.25 m (RMS)
- Static horizontal accuracy: 2.5 mm ± 1 ppm (RMS)
- Static vertical accuracy: 5 mm ± 1 ppm (RMS)
- Kinematic horizontal accuracy: 10 mm ± 1 ppm (RMS)
- Kinematic vertical accuracy: 20 mm ± 1 ppm (RMS)
- Serial protocols: RTK formats CMR, CMR+, RTCM 2.x, RTCM 3.x
- Internal memory: 8GB & Support U-Disk up to 64GB, Hot plug
- Interface: RS232 debugging port, Bluetooth, USB, GSM, GPRS, EDGE, CDMA, Internal/External Radio, Data collector with Field Genius Software
- Voice messages, Automatic Firmware updating, powerful External Radio
- Support Self-NTRIP Server, Base-Rover communication via GSM, Compatible with all CORS
- Linux Operating System, Bluetooth Auto reconnection upon Instrument power off

**Smart Phone Data Collector, Android**
Supports Field Pro Survey Software
Project management: Project settings, import/export using CSV and formats, Communication - Bluetooth/UHF radio & Internet for RTK, Supports various predefined & User Defined coordinate systems, Supports localization/site calibration. Survey applications: Topography, stakeout points & lines, COGO functions, Perimeter, Area Calculations, coordinate Transformations etc

**C9 Data Collector, Windows Mobile**
FieldGenius, Carlson CE software
Project management: Project settings, import/export using CSV and formats, Communication - Bluetooth/UHF radio & Internet for RTK, Supports various predefined & User Defined coordinate systems, Supports localization/site calibration. Survey applications: Topography, stakeout points & lines, COGO functions, Perimeter, Area Calculations, coordinate Transformations etc.
RTK using Internal Radio

- Correction data
- Base
- Rover
- ✔ For short range of RTK Measurement
- ✔ No internet connection is required
- ✔ 3-5km Range

RTK using External Radio

- Correction data
- Base
- Rover
- ✔ For Long range of RTK Measurement
- ✔ No internet connection is required
- ✔ External Radio is required
- ✔ 20-30km Range

RTK using In-Built Ntrip Server via GSM

- Correction data
- Base
- Rover
- ✔ For Long range of RTK Measurement
- ✔ Internet Enabled Sim card is required
- ✔ 40km Range as long as Network is available
Network RTK using SIM Card

CORS Station

Correction data

SIM

Rover

Network RTK using Portable Wi-Fi and C9 Controller

CORS Station

Correction data

Portable WiFi Router

Rover

www.measurementsystems.org

Phone: +254735445622
KQGEO M8-Mini GNSS SYSTEM

- 220-channels (Trimble BD970) Engine Board
- Satellite signals tracked: GPS, GLONASS, GALILEO, SBAS, BEIDOU.
- DGPS/RTCM differential positioning: 0.25 m (RMS)
- Static horizontal accuracy: 2.5 mm ± 1 ppm (RMS)
- Static vertical accuracy: 5 mm ± 1 ppm (RMS)
- Kinematic horizontal accuracy: 8 mm ± 1 ppm (RMS)
- Kinematic vertical accuracy: 15 mm ± 1 ppm (RMS)
- Serial protocols: RTK formats CMR, CMR+, RTCM 2.x, RTCM 3.x
- Internal memory: 8GB & Support U-Disk up to 64GB, Hot plug
- Interface: RS232 debugging port, Bluetooth, USB, GSM, GPRS, EDGE, CDMA,
  Voice messages, Automatic Firmware updating, Tilt survey and electronic bubble calibration
- Compact Magnesium, Dual-color mold, compact and rugged, Dust & weather resistant, IP67
- Linux Operating System, Bluetooth Auto reconnection upon Instrument power off
- Compatible with all CORS, CE Compliance, ISO certified

Smart Phone Data Collector, Android
Supports Field Pro Survey Software
Project management: Project settings, import/export using CSV and formats, Communication - Bluetooth/UHF radio & Internet for RTK, Supports various predefined & User Defined coordinate systems, Supports localization/site calibration. Survey applications: Topography, stakeout points & lines, COGO functions, Perimeter, Area Calculations, coordinate Transformations etc

C9 Data Collector, Windows Mobile
FieldGenius, Carlson CE software
Project management: Project settings, import/export using CSV and formats, Communication - Bluetooth/UHF radio & Internet for RTK, Supports various predefined & User Defined coordinate systems, Supports localization/site calibration. Survey applications: Topography, stakeout points & lines, COGO functions, Perimeter, Area Calculations, coordinate Transformations etc.
SLAGEN R9 GNSS SYSTEM

- 220-channels (Trimble BD910) Engine Board
- GPS L1, L2 L5, BDS - B1, B2, GLONASS L1, L2 L3, Galileo E1 E1 E1, E5, SBAS, WAAS/EGNOS
- Update Rate up to 50Hz
- Protocols: RTCM/CMR Support RTCM2.x/RCTM3.x, CMR/CMR+, NMEA-0183, Raw Data
- SBAS: 0.5m & DGPS: 0.25m, Standalone accuracy : 1.2m & RTK Accuracy: 8mm
- Windows CE operation system, fast data processing 806MHz, 1GB ROM & 256MB RAM
- 2GB internal Flash storage & Standard 4GB supporting Up To 32G SD Card.
- Big and sunlight-readable 3.7” touch screen, resolution 640*480 pixel.
- Supports HSDPA/WCDMA/GSM, USB, Bluetooth, Wi-Fi communication.
- 5 Megapixel Camera with Autofocus, Supports 6 Times Digital Zoom
- Fischer-Type A USB, DB9 Serial port, SHDC socket, soft keyboard, Customized centering holder
- Optional External Antennae, Microphone recording Audio & Gravity sensor, Dual Sim Card.
- Real-time correction service and post-processing are available
- Onboard software FieldGenius with powerful functions such as data collecting, stake out, import/export...

On Board Software, Windows Mobile
Supports FieldGenius and Carlson CE Software
Project management: Project settings, import/export using CSV and formats,
Communication - Bluetooth/UHF radio & Internet for RTK,
Supports various predefined & User Defined coordinate systems,
Supports localization/site calibration. Survey applications: Topography, stakeout points & lines, COGO functions, Perimeter, Area Calculations, coordinate Transformations etc.
SLAGEN T9 GNSS SYSTEM

- 220-channels (Trimble BD910) Engine Board
- GPS L1, L2, L5, BDS - B1, B2, GLONASS L1, L2 L3, Galileo E1 E1 E1, E5, SBAS
- Update Rate up to <20Hz
- Protocols: RTCM/CMR Support RTCM2.x/RCTM3.x, CMR/CMR+, NMEA-0183, SBAS: 0.5m & DGPS: 0.25m, Standalone accuracy : 1.2m & RTK Accuracy: 8mm
- Support communication with Windows mobile 6, Android, IOS devices.
- Support both Mobile Windows and Android platforms, Supports FieldGenius/Calrson CE software with any data collector devices and Android based survey & Mapping Software using your smartphones
- Communication Via Bluetooth, Serial Port, Optional External Antenna with centering devices (GNSS pole)

Smart Phone Data Collector, Android
Supports Field Pro Survey, HyperGIS Software
Project management: Project settings, import/export using CSV and formats, Communication - Bluetooth/UHF radio & Internet for RTK, Supports various predefined & User Defined coordinate systems, Supports localization/site calibration. Survey applications: Topography, stakeout points & lines, COGO functions, Perimeter, Area Calculations, coordinate Transformations etc

C9 Data Collector, Windows Mobile
FieldGenius, Carlson CE software
Project management: Project settings, import/export using CSV and formats, Communication - Bluetooth/UHF radio & Internet for RTK, Supports various predefined & User Defined coordinate systems, Supports localization/site calibration. Survey applications: Topography, stakeout points & lines, COGO functions, Perimeter, Area Calculations, coordinate Transformations etc.
NavTech T60 GNSS SYSTEM

- 120 channels, GPS/GLONASS/BeiDou, SBAS WAAS/EGNOS/MSAS
- Update Rate 1Hz or More
- RTCM/CMR Support RTCM2.x/RCTM3.x, CMR/CMR+, NMEA
- SBAS: <1m, Standalone accuracy : <2.5m
- DGNSS Accuracy: <10cm
- Android 2.3 operation system, fast data processing 800MHz, 512MB RAM
- 512MB internal Flash storage, & Standard 4GB supporting Up To 32G SD Card.
- Big and sunlight-readable 4.3” touch screen, resolution 800*480 pixel.
- Supports HSDPA/WCDMA/GSM, USB, Bluetooth, Wi-Fi communication.
- 5 Megapixel Camera with Autofocus, Supports 6 Times Digital Zoom
- Electronic compass, barometric altimeter, SHDC socket, soft keyboard
- Built-in Laser Centering, Microphone recording Audio & Gravity sensor, Dual Sim Card.
- Real-time correction service and post-processing are available
- Onboard software FOIF XTProII field software with functions, such as data collecting, editing and querying

On Board Software, Android
Supports XTProII Software
Project management: Project settings, import/export using CSV and formats, Communication - Bluetooth/UHF radio & Internet for RTK, Supports various predefined & User Defined coordinate systems,. Survey applications: Topography, stakeout points & lines, COGO functions, Perimeter, Area Calculations
- Supports up to 72 Channels, GPS+GLONASS+BeiDou,L1
- High sensitive and anti interference antenna.
- Standalone accuracy: 3-5m
- DGPS Accuracy with SBAS: 1-3m
- Android 4.4 operation system, Dual Core 1.3GHz, 1GB RAM+4GB ROM
- Standard 2GB supporting Up To 32G SD Card.
- Big and sunlight-readable 3.2” touch screen, resolution 320*240 pixel.
- Supports HSDPA/WCDMA/GSM, USB, Bluetooth, Wi-Fi communication.
- 5 Megapixel Camera With Autofocus, Max. Resolution 2592*1944 Pixel,
- Supports Photos And Position Coordinate Collection
- Electronic compass, barometric altimeter, SHDC socket, soft keyboard
- Onboard software FOIF XTProII allows you to carry through field mapping with powerful functions, such as data collecting, data editing and data querying
GPS Systems

Garmin Nuvi 42LM E.A Navigation System
❖ With Preloaded East Africa maps, it lets you locate addresses and millions of points of interest with ease. Offer navigation at its simplest.
❖ Displays junctions and interchanges with colored arrows that indicate the proper lane needed for your next turn or exit, Voice prompted turn-by-turn directions with spoken street names: “Turn right on Main Street”, Displays your current speed and the speed limit for most major roads, "Where Am I?" emergency locator tells your coordinates and the nearest address, intersection, hospitals, police and gas stations, Trip computer records mileage, maximum speed, total time and more.

Garmin Etrex10x, 20x & 30x GPS Handhelds
❖ WAAS-enabled with HotFix and GLONASS support
❖ Monochrome Display for Etrex10x
❖ 65K TFT Color Display for Etrex20x & 30x
❖ Track log of 10,000 points and 200 saved tracks
❖ 1.7GB memory & SD card Support for Etrex20x & 30x
❖ 3-Axis Electronic Compass and Altimeter for Etrex30x
❖ Custom Maps compatibility for Etrex20x & 30x
❖ Wireless Data sharing between Etrex30x GPS Units

Measurement Systems Ltd
www.measurementsystems.org
Phone: +254735445622
Data Collectors

The Slagen C9 Handheld System

- Windows Mobile 6.5
- 806Mhz Processor, 4GB ROM, 512MB Ram, multi-language
- Compatible with FieldGenius/survCE
- Keyboard with 27 numeric + programmable keys
- 10 hours working time by a single battery
- CASIO 3.7" sunlight readable 480x640pixel touch screen
- 5MP Camera, BlueTooth 2.1, GSM,WCDMA, WIFI, USB type A & B, DB9 Serial Port
- Upto 32GB TF Card Storage
- Detachable 3.7V, 6500mAh Li-Ion Battery
- IP65 Dust to Water Protection Class
- Can with Stand 2m Topple or drop on hard surface
Total Stations

**R-202P Key Product Features**
- 2” Angle Accuracy
- 5,000m to Prism Range
- Laser Pointer, Laser Plummet & Clock function
- Large Capacity Internal Memory (20,000 Coordinate Data)
- Alphanumeric Dual Keyboard & PowerTopoLite Software
- Single Battery System & Dual Axis Compensator
- Easy Transfer to a PC via RS232C, USB, SD.

**R-202NS Key Product Features**
- 2” Angle Accuracy
- 5,000m to Prism Range
- 300m Reflector less Range
- 10m Range Bluetooth Connection
- Laser Pointer, Laser Plummet & Clock function
- Large Capacity Internal Memory (20,000 Coordinate Data)
- Alphanumeric Dual Keyboard & PowerTopoLite Software
- High Capacity Dual Battery System & Dual Axis Compensator
- Easy Transfer to a PC via RS232C, USB, Bluetooth, SD.
Total Stations

W-1500N Windows CE Key Product Features
❖ 1”, 2”, 3”, 5” Angle Accuracy
❖ 5,000m to Prism Range
❖ 500m Reflector less Range
❖ Windows CE 5.0 Operating System
❖ Laser Pointer, Laser Plummet & Clock function
❖ Large Capacity Internal Memory (4GB) & 3.5” Color TFT Touch Screen
❖ Alphanumeric Dual Keyboard & Field Genius Software
❖ High Capacity Dual Battery System & Dual Axis Compensator
❖ Easy Transfer to a PC via RS232C, USB, Flash Disk, Bluetooth, SD.

R-1500N Key Product Features
❖ 2”, 3”, 5” Angle Accuracy
❖ 5000m to Prism Range
❖ 500m Reflector less Range
❖ Laser Pointer, Laser Plummet & Clock function
❖ Large Capacity Internal Memory (60,000 Coordinate Data)
❖ Alphanumeric Dual Keyboard & PowerTopoExpress2 Software
❖ High Capacity Dual Battery System & Dual Axis Compensator
❖ Easy Transfer to a PC via RS232C, USB, Bluetooth, SD.
Total Stations

RTS-100 Key Product Features
❖ 2”, 5” Angular accuracy
❖ 5,000m to Prism Range
❖ 600m or 1,000m Reflector less Range
❖ Laser Pointer & Laser Plummet
❖ Large Capacity Internal Memory (120,000 Coordinate Data)
❖ Alphanumeric Dual Keyboard
❖ Single Battery System & Dual Axis Compensator
❖ Easy Transfer to a PC via RS232C, Bluetooth, USB, SD.

RTS-160R Key Product Features
❖ 2”, 5” Angular accuracy
❖ 5,000m to Prism Range
❖ 300m Reflector less Range
❖ Laser Pointer & Laser Plummet
❖ Large Capacity Internal Memory (65,000 Coordinate Data)
❖ Alphanumeric Dual Keyboard
❖ Single Battery System & Single Axis Compensator
❖ Easy Transfer to a PC via RS232C, Bluetooth, USB, SD.
Total Stations

**RTS-350 Key Product Features**

- 2”, 5” Angular accuracy
- 5,000m to Prism Range
- 600m or 1,000m Reflector less Range
- Windows CE 5.0 Operating System
- Laser Pointer & Laser Plummet
- Large Capacity Internal Memory (4GB) & 3.5” Color TFT Touch Screen
- Alphanumeric Dual Keyboard & Field Genius Software
- Single Battery System & Dual Axis Compensator
- Easy Transfer to a PC via RS232C, Bluetooth, USB, SD.

**RTS-010A Robotic Key Product Features**

- 0.5”, 1” Angular accuracy
- 5,000m to Prism Range
- 1,000m Reflector less Range
- Windows CE 7.0 Operating System & SDK Support
- Laser Pointer & Laser Plummet
- Large Capacity Internal Memory (4GB) & 3.5” Color TFT Touch Screen
- Alphanumeric Dual Keyboard & Field Genius Software
- Single Battery System & Dual Axis Compensator
- Built Temperature & Pressure Sensors
- Easy Transfer to a PC via RS232C, Bluetooth, USB, SD.
Total Stations

DTM-752R Key Product Features
❖ 2” Angular accuracy
❖ 5,000m to Prism Range
❖ 600m Reflector less Range
❖ Laser Pointer & Laser Plummet
❖ Large Capacity Internal Memory, 2GB
❖ Alphanumeric Dual Keyboard
❖ Single Battery System & Dual Axis Compensator
❖ Easy Transfer to a PC via RS232C.

DTM-952R Windows CE Key Product Features
❖ 2” Angular accuracy
❖ 5,000m to Prism Range
❖ 600m Reflector less Range
❖ Windows CE 5.0 Operating System
❖ Laser Pointer & Laser Plummet
❖ Large Capacity Internal Memory (4GB) & 3.5” Color TFT Touch Screen
❖ Alphanumeric Dual Keyboard & Field Genius/Leica Software
❖ Single Battery System & Dual Axis Compensator
❖ Easy Transfer to a PC via RS232C, Bluetooth, USB, SD.
❖ Atmospheric refraction, earth curvature, Meteorological correction

www.measurementsystems.org
Phone: +254735445622
Theodolites

Pentax ETH-500 Key Product Features
❖ 2”, 5”, 10”, 20” Angular accuracy
❖ 1”, 5”, 10”, 20” Minimum Reading
❖ 30x Magnification telescope
❖ Optical Plummet
❖ Single Battery System & LCD Display backlight
❖ Applications: engineering and land surveying, setting out right angles and checking plumb, alignment measurements, anchor bolt layout, 90° layout

FOIF LP400 Key Product Features
❖ 2”, 5” Angular accuracy
❖ 1”, 5” and 10” Minimum Reading
❖ 30x Magnification telescope
❖ Laser Pointer & Laser Plummet
❖ Single Battery System & LCD Display backlight
❖ Applications: Land surveying, Engineering, checking angles, alignments, grade work and short range leveling
Levels

FOIF EL03 & EL302A Digital Levels
- 30x Magnification
- ± 0.3mm(EL03) and ± 0.7mm(EL302A) Standard deviation of 1km double run
- 1m Shortest focus distance & <2sec single measurement time
- 2-110m(EL03) and 2-105m(EL302A) Electronic measurement range
- ± 0.3” (EL03) and ± 0.5”(EL302A) Setting Accuracy

FOIF DS03 & DS05 Precision Levels
- 42x (DS03) & 38x (DS05) Magnification
- ± 0.3mm (DS03) & ± 0.5mm (DS05) Standard deviation of 1km double run
- 1.6m Shortest focus distance
- 10mm Parallel plate micrometer Range with 0.1mm Intervals

FOIF AL100 Automatic Levels
- 20x/24x/28x/32x Magnification
- ± 1.0mm Standard Deviation per 1km Double Run
- ≤0.8m Shortest Focusing Distance
- Image Erect & Air Damped Automatic Compensator
- Applications: Land survey, Construction, engineering

www.measurementsystems.org
Phone: +254735445622
Levels

Pentax BL100 Digital Levels
❖ 32x Magnification
❖ ± 0.3mm (BL-103A) and ± 0.7mm (BL-107A) Standard deviation of 1km double run
❖ 0.5m Shortest focus distance & <3sec single measurement time
❖ 2-105m Electronic measurement range
❖ ± 0.3” Setting Accuracy

Pentax AFL Precision Levels
❖ 24x/28x/32x Magnification
❖ ± 0.4mm Standard deviation of 1km double run
❖ 0.6m Shortest focus distance
❖ 10mm Parallel plate micrometer Range with 0.1mm Intervals
❖ Phase-Contrast Autofocus Method

Pentax AL-M Automatic Levels
❖ 24x/28x/32x Magnification
❖ ± 1mm Standard Deviation per 1km Double Run
❖ ≤0.3m Shortest Focusing Distance
❖ Image Erect & Magnetic Damped Automatic Compensator
❖ Applications: Land survey, Construction, engineering
Lasers

Siamas Red/Green Line Lasers
- 15-25m Working Range without Detector
- ±1mm/5m Accuracy & ±2.5° Self-leveling range
- Laser class: Class II
- Dot wavelength: 650nm
- Laser line wavelength: 532nm for Green Lasers & 635nm for Red Lasers
- Red Horizontal, Vertical and Dot Lasers beam, Preferably for Indoor Use
- Green Horizontal, Vertical and Dot Lasers beam, Preferably for Outdoor Use
- Instrument base could be rotated by 360° freely
- Beep & Blink Alarm if not in Level, Tilt Function (Optional)

Siamas Rotating Lasers
- 500m Working Range with Detector & 20m Remote controlling Range
- ±20"(Horizontal) and ±20"(Vertical) Levelling Accuracy
- ±5° Self-leveling range & Slope-adjusting range (Bi-directional)
- Scanning angle: 0°, 10°, 45°, 90°, 180°
- Spinning speed: 0, 60, 120, 300, 600 r.p.m
- Laser line wavelength: 532nm for Green Lasers & 635nm for Red Lasers
- Red Laser Beams, Preferably for Indoor Use
- Green Lased Beams, Preferably for Outdoor Use
- Optional Anti-vibration & Anti-wind Function (Optional)
## Distance Meters

<table>
<thead>
<tr>
<th>Mileseey</th>
<th>Simple 7</th>
<th>Touch 7</th>
<th>Perfect 7</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Features</strong></td>
<td><img src="image1.png" alt="Images" /></td>
<td><img src="image2.png" alt="Images" /></td>
<td><img src="image3.png" alt="Images" /></td>
</tr>
<tr>
<td><strong>Measuring range</strong></td>
<td>0.2 m up to 40m/50m/60m/70m/80m/100m/200m</td>
<td>0.2 m up to 40m/50m/60m/70m/80m/100m/200m</td>
<td>0.2 m up to 40m/50m/60m/70m/80m/100m/200m</td>
</tr>
<tr>
<td><strong>Measuring Accuracy</strong></td>
<td>±2mm measuring accuracy</td>
<td>±2mm measuring accuracy</td>
<td>±2mm measuring accuracy</td>
</tr>
<tr>
<td><strong>Unit</strong></td>
<td>mm/ in/ ft</td>
<td>mm/ in/ ft</td>
<td>mm/ in/ ft</td>
</tr>
<tr>
<td><strong>Functions</strong></td>
<td>Volume/Area calculation, Continuous, Maximum, Minimum, Height, Single Point measurement, Addition/Subtraction, Auto Level, Auto Height, Pythagoras(2-3-point)</td>
<td>Volume/Area calculation, Continuous, Maximum, Minimum, Height, Single Point measurement, Addition/Subtraction, Auto Level, Auto Height, Pythagoras(2-3-point)</td>
<td>Volume/Area calculation, Continuous, Maximum, Minimum, Height, Single Point measurement, Addition/Subtraction, Auto Level, Auto Height, Pythagoras(2-3-point)</td>
</tr>
<tr>
<td><strong>Special Function</strong></td>
<td>Tilt sensor slope, ±3°, 20 Value Point Storage, Rechargeable Battery</td>
<td>Tilt sensor slope, ±3°, Point to Point (P2P), Bluetooth 4.0, 30 Value Point Storage, Rechargeable Battery</td>
<td>Tilt sensor slope, ±3°, Point to Point (P2P), Bluetooth 4.0, USB Data Export, 4x Zoom Camera Point Finder, 100 Value Point Storage, Rechargeable Battery</td>
</tr>
</tbody>
</table>

*Measurement Systems Ltd*

www.measurementsystems.org
Range Finders

Mileseey Range Finders

❖ Measuring range: 5 m up to 1500m
❖ Angle Accuracy: ±1° & 6x Magnification
❖ 22.0mm Objective & 16.0mm Eyepiece caliber
❖ 3.7mm Exit pupil caliber & ±5° Diopter adjustable range
❖ Laser wave length: 905nm
❖ Measuring angle: -90°~90°
❖ Trajectory Compensation Angle Range: -20°~20°
❖ Applications: Speed, Height, Angle & Distance Measurements. Golf Trajectory scan and compensation mode.

www.measurementsystems.org
Phone: +254735445622
Walkie-talkies

Midland Walkie-talkies
- Frequency band: 446.00625 – 446.09375MHz
- 24 channels (8+ 16 pre-programmed channels) (M24-S)
- 48 channels (8+ 40 pre-programmed channels) (M48-S)
- 99 channels (8+91 pre-programmed channels) (M99-S)
- 38 CTCSS tones
- Output power: 500mW ERP
- VOX sensibility adjustable in 2 levels
- Alphanumeric LCD Display
- Call key, SCAN function, Roger Beep, Monitor
- Autonomy: up to 12 hours
- MC/CHGplug: 2 pin plug for audio accessories
- 8 alkaline batteries (M24-S)
- 2 800mAh rechargeable battery packs (M48-S & M99-S)
Measuring Wheels

Digital Wheel
- Wheel diameter: 190mm or 7.48” inches
- 0.05mm Minimum display & 99,999.9m Max measuring range
- 3xAAA battery Power supply
- 5mins Automatic power off & 30hours Operating time
- 1017mm Max length & 725mm Min length
- LCD with back lighting
- With self-support stand & Adjustable Height
- Memory functions, max 5 memories

Manual Wheel
- Wheel diameter: 304mm or 12” inches
- 0.05mm Minimum display
- 100km Max measuring range
- 360 r/min Maximum counting speed
- 6figures Distance read out
- Has reset push knob, straight handle and reliable steel structure
- Their lightweight design increases handling and reduces fatigue.
- They are capable of counting to 100,000 meters or 100,000 feet depending on the model chosen.

www.measurementsystems.org
Phone: +254735445622
Survey Accessories

Our Accessory range:

- Survey Tripods
- Survey Bipods
- Survey Poles
- Survey Prism
- Survey Umbrella
- Survey Books
- Leveling Staves
- Ranging Rods
- Tribrach & Carriers
- Walkie Talkie Radios
- Containers & Carry Bags
- Data Storage Devices
- Download & Power Cables
- Clamps, Adapters & Bubbles
- Batteries & Chargers
- GNSS Radio Antennas
- Measuring Tapes
- Measuring Wheels
- Height Meters
- Equipment Spares

www.measurementsystems.org
Phone: +254735445622
Software

MicroSurvey CAD

❖ Is a Complete Desktop Survey and Design Program Created for Surveyors, Contractors and Engineers. No plug-ins or modules are necessary. Complete Survey Drafting, COGO, DTM, Traversing, Volumes, Contouring, Point Cloud manipulation and Data Collection interfacing are included.
❖ MicroSurvey CAD is compatible with field data from all major total stations and data collectors and is fully compatible with AutoCAD.
❖ MicroSurvey CAD opens and saves AutoCAD drawing files and uses DWG as its native format. IntelliCAD’s command set, toolbar and menu structure is very similar to AutoCAD so you can install MicroSurvey CAD into existing AutoCAD environments with ease.

MicroSurvey Field Genius

❖ Is the most powerful graphics based surveying data collection software available. Field Genius allows you to do more in less time by taking advantage of the higher power processors, high definition displays, and larger memory in modern Windows Mobile powered data collectors and Windows 7 powered tablets.
❖ Field Genius works with many GPS receivers, unlike our competition where proprietary software must be used with the receiver (or visa versa).
❖ Field Genius also works on a multitude of hand-held data collectors. We believe you shouldn't have to buy all new equipment just to upgrade one component.
Wide Format

Our Wide Format Equipment Range Includes:
- Plotters
- Scanners
- Multi-Function Plotters
- Blueprint Machines
- Trimmers & Cutters

Our Wide Format Accessory Includes:
- CAD Plot Papers
- Blueprint Papers
- Polyester Drafting Film
- Tracing Papers
- Maintenance Boxes
- Ink Cartridges
Hire Purchase

Measurement Systems Limited routinely finances land survey equipment for local and regional surveying and engineering firms. We provide land survey equipment financing for purchases from some of the industry’s biggest manufacturers such as Pentax and FOIF.

Our land survey equipment finance programs are comprehensive, our terms flexible and our rates competitive. We are regularly chosen as the preferred source for land survey equipment Resellers as well as financiers for small to medium sized surveying and engineering firms nationwide.

Our clients are both growing local firms and regional companies that are upgrading their equipment to become more productive or to increase efficiencies. We have the ability to service land survey equipment finance needs, large and small and do so with an absence of the bureaucratic red tape that has become commonplace in the banking and finance industries. This refreshing change of pace is what makes our new clients become our old clients.

We are currently offering some of the most competitive land survey equipment finance programs in the country for Total Station and GNSS Systems.

Our finance packages for business offer you ultimate flexibility when it comes to purchasing new equipment – providing a cost-efficient alternative to upfront expenditure, and adhering to a simple format of manageable monthly payments.
After Sales Services

We have specialist surveying equipment repair workshop and hold a large selection of spares. Our staff are factory trained and complete continuous professional training programs to ensure we continue to meet the highest standards.

With the increasing use of software controlled servicing for modern survey instruments it is vitally important that your FOIF/Pentax equipment is serviced by an authorized and approved service facility. It is for this reason that we have made a considerable investment in the latest tooling, calibration ranges, service dongle's and software in conjunction with a continuous training programme undertaken at the FOIF and Pentax Factories.

Our expert staff repair, calibrate and service all types of surveying equipment and provide detailed estimates for all work. We hold a large selection of spares and have a dedicated administration team.

In addition to this commitment to FOIF/Pentax and their products, our technician’s background is long and varied with experience in the service and repair of a wide range of survey and safety products. This wealth of skills and knowledge allow us to undertake basic calibrations and repairs on all manner of manufacturer’s equipment. Our promise to you is that we will not undertake any work that we are not competent or authorized to undertake.
Equipment Hire Services

We have one of the largest hire fleets in the country which will cater for all your survey, engineering and safety needs. We offer a full range of survey instruments including: basic theodolites and levels to one man total stations, digital levels and GPS systems.

We have a full range of the most technologically advanced hardware and software equipment and solutions for positioning and measuring. We also provide an unrivalled technical and logistical support team to ensure you get the correct equipment where and when you need it. Just as importantly we are there throughout the duration of the hire to support you.

For your assurance of quality and reliability, our hire equipment is calibrated and maintained in our own workshop facility. Our workshop staff are trained by FOIF/Pentax at their factory and utilize the latest in computer diagnostic techniques when calibrating and repairing instrumentation.
Why Choose Us?

❖ The most comprehensive survey equipment hire fleet in the Kenya
❖ Experienced field staff and technical support engineers
❖ Authorised Distribution and Service Partner for FOIF/Pentax
❖ Calibration, servicing and repairs by certified technicians.
❖ Dedicated telephone, email and on-site technical support.
❖ Free expert training.
❖ Competitive rates for both long and short term hires.
❖ Professional, friendly and well-organised service.

Hire is a cost effective way to make use of an instrument, saving on the cost of purchase and the ongoing servicing and calibration. We are able to offer exclusive rates to customers for long term hires. During calibration, repair or servicing of your own equipment we provide replacement hire kit at a fixed rate whilst your instrument is in our care.
We provide a high quality and speedy CAD Plotting Services available for both Black & White and Colour outputs as well as BluePrint Services.

Whether for simple line drawings, process and flow charts or for full colour presentation drawings and images, we can help meet your requirements.

Service Features

❖ Easy File Upload.
❖ Dedicated B/W and Colour Large Format Plotters.
❖ Blueprint Service
❖ High speed, high volume.
❖ Presentation Media and Finishing available.

Papers and Sizes Available:

❖ Plain Papers (A0,A1,A2)
❖ Matte Papers (A0,A1,A2)
❖ Tracing Paper (A0,A1,A2)
❖ Blueprint Papers (A0)
Training Solutions

We offer flexible courses designed to suit your company's needs and the professional development of your staff. Whether you use a simple distance measuring device or the most sophisticated integrated solution, we provide training by experienced and specialist staff.

Training packages are designed for existing surveyors and engineers. A basic understanding of survey or setting out practices is required.

If you are interested in taking part in a training course please contact us with your requirements and a member of the training team will be in contact to discuss your requirements.

When it comes to customer training and development, we’re working hard to bring something different to the table. In addition to technical support, we also understand that high quality training is critical and key to unlocking the full potential of your survey equipment. Our structured training programs will enable you to take full advantage of your instrument's capabilities, and improve your workflow both in the field and the office, with a view to increasing your productivity and streamlining your project workflows.

We offer a flexible selection of training packages to suit your company’s needs, experience and timeframe, as well as the option to create your own based around the specific requirements of your project or organization.