



Wherever You Are



03 INDEX

04 ABOUT US

05 FOCUS: GLOBAL PROJECTS

06-08 SPOTLIGHT:

06 GoGyro | 08 BlastGyro

10-11 TESTIMONIALS

10 TwinGyro | 11 BlastGyro

12 TWINGYRO & GOGYRO

14 SLIMTWIN & SLIMGYRO

16 NORTHFINDER

18 COMPASS25 & COMPASS35

20 LiPAD-100

22-25 APPLICATIONS:

22 Mining | 25 Oil & Gas and Geothermal

26-33 ACCESSORIES:

26 Mining | 32 Oil & Gas

34-35 SOFTWARE:

34 Surveyor | 35 isAnalysis

36-37 DISTRIBUTORS

34 Mining | 35 Oil & Gas

38 SURVEYSAFE

40 CONTACT





ABOUT US

Borehole surveying systems: In-house expertise

Inertial Sensing One AB was founded in 2010 by business partners Dag Billger and Duncan McLeod. Our in-house expertise combined with extensive field experience with surveying products makes us the ideal partner for our distributors and customers.

Specialists in inertial micro-sensor systems

Together, Dag Billger and Duncan McLeod have more than 40 years experience of developing commercial positioning and tracking systems. They specialise in micro-sensor system applications (MEMS) for wellbore survey instruments.

5 | FOCUS: GLOBAL PROJECTS

Here are just some of the most notable projects since 2020 in which our survey instruments have played a pivotal role, demonstrating the versatility from mining, oil & gas, civil engineering and more:

Grand Paris Metro	The SlimGyro was used extensively in the tunneling of the Grand Paris Metro extension project
Top 10 Gold Mines	The BlastGyro is operating in several of the world's top 10 gold mines
World's Largest Palladium Producer	The SlimGyro is running with the world's largest palladium producer
Record Depth and Time of Survey	Hot geothermal surveys with the SlimGyro have achieved over 6000 meters in over 31 hours of non-stop surveying
World's Largest Undeveloped Gold Deposit	A record number of surveys of coring holes were surveyed in the world's largest undeveloped gold deposit with a standard isGyro.
Swedish Nuclear Waste Repository	The TwinGyro was selected by SKB (Swedish Nuclear Fuel and Waste Management Company) as a requirement for new drilling at the repository in Forsmark

6 | SPOTLIGHT: GOGYRO

The fully integrated GoGyro is designed for simple and easy everyday use, no matter what the application. The user interface is slimmed down to the bare necessities to get the GoGyro in the hole as quickly as possible and with the least fuss in setting up surveys. Survey from vertical to any orientation.

The GoGyro is fully integrated with a built-in rechargeable battery. Communication is via Bluetooth through the pressure barrel, with no opening and closing of the tool required between surveys. Available in multiple configurations for the most common applications:

- **Core retriever**
- **Wireline**
- **Stinger**
- **Centralizers**



Every configuration is based around the standard GoGyro tool and the accessories are easily switched between units if necessary.

With its extremely low power consumption the GoGyro can survey for up to 200 hours on a single battery charge. No special pre- or post-survey procedures are necessary to get into the hole. The simple set-up saves valuable site-time and potential sources of human error are significantly reduced. The modular design of the tool minimizes repair times and cost.



8 | SPOTLIGHT: BLASTGYRO

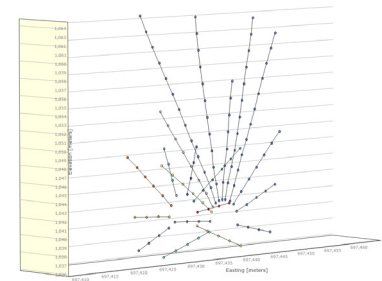
The BlastGyro is a unique survey system designed for efficient surveying of production blast holes. At the heart of the system is the world's slimmest survey gyro the integrated SlimGyro. Released in 2018 and updated in 2022 it now has a length of 139 cm, an outer diameter of only 25 mm and a weight of 2.9 kg.

The lightweight and compact size of the system makes it safe and easy to manually run in and out of blast holes using a feeder reel fitted with 50 or 100 meters of fiberglass rod. The lightweight and compact size of the system makes it safe and easy to manually run in and out of blast holes using a feeder reel fitted with 50 or 100 meters of fiberglass rod. The BlastGyro can survey at all angles from vertical to any orientation and the fiberglass rod assures it can be moved up, down and horizontally.

Apart from blast holes the BlastGyro is also ideal for use in injection holes, grout and jet grout holes, canopy tubes, pilot holes, pile holes and more.

To make it easy to survey a large series of holes the software has a dedicated "BlastGyro Mode". One or more survey plans can be prepared with reference coordinates and directions at the office before going on location to survey.

Once on location the operator can load the planned group of surveys with preset blast ring ID, hole ID s with associated start coordinates and reference angles. This mode of operation removes most of the data entry operations when starting each survey and makes repetitive surveying of a blast ring or vertical section very efficient and error free.





10 | TWINGYRO



“Right from the start we were excited about the redundancy that the TwinGyro tool provided.”

“We are expecting 2023 to be another year of growth thanks to our people’s dedicated hard work and the excellent tools from Inertial Sensing.”

Kelsey Long
Director of Operations
Oilwell Guidance, USA



11 | BLASTGYRO

"The BlastGyro has become an integral part of the survey office equipment and contributes immensely to our striving for a safe and productive environment when conducting a survey task."

Gerhard Louw
Senior Mine Surveyor
Trevali RPZC, Namibia



12 | TWINGYRO & GOGYRO

The fully integrated TwinGyro offers our unique two-gyros-in-one technology in a rugged 35mm package. It is ideal for surveying where hole diameter is not an issue and getting two surveys per run significantly cuts rig downtime. Available in multiple configurations including overshoot for easy use in coring. With its extremely low power consumption the tool can survey for up to 100 hours on a single battery charge. No special pre- or post-survey procedures are necessary to get into the hole. The simple set-up saves valuable site time and potential sources of human error are significantly reduced.

The same fully integrated rugged system is available in the GoGyro package, which contains a single gyro configuration. This is ideal for when speed and cost are of prime concern.

**FULLY INTEGRATED
MULTIPLE CONFIGURATIONS
SURVEYSAFE INTEGRATION
FROM VERTICAL TO ANY ORIENTATION**

FEATURES AND BENEFITS

- MultiShot, Continuous and GoGyro modes
- Directional with stinger orientation mode
- Over 100 hours battery time
- Rugged handheld field computer
- SurveySafe cloud data management
- Fully-integrated 35 mm OD running gear
- Core retrieval adapter sizes B, BTW, N, NTW

Accuracy

Inclination	$\pm 0.1^\circ$
Gravity highside	$\pm 0.15^\circ$
Gyro toolface	$\pm 0.5^\circ$
Azimuth	$\pm 0.5^\circ$
Position	$< 0.2\%$ (2m/1000m) depending on hole profile

Specifications

Rate capability	1000°/s
Power consumption	0.2 W GoGyro, 0.4W TwinGyro
Memory	Over 100 hours surveying
Communication method	Bluetooth
Temperature range	-20° C to 80° C
Wireline config	Length 160.5 cm. Weight 7.65 kg
In-rod spacers config	Length 185.7 cm. Weight 9.45 kg
Stinger config	Length 209.0 cm. Weight 10.15 kg
Core retriever config	Length 198.0 cm. Weight 10.80 kg. Collar sizes B, N, H, NTW
Centralizer config standard	Length 257.0 cm. Weight 12.60 kg. Centralizer sizes 2" to 7"
Centralizer config large	Length 291.0 cm. Weight 13.60 kg. Centralizer sizes 8" to 18"

Battery Specifications

Charge lifetime	200 hours GoGyro, 100 hours TwinGyro
Type	Rechargeable NiMH

Control & Processing

Field control unit	Algiz 8X or 10X, rugged tablet PC (MIL-STD-810G)
Operating time	10 hours battery, normal use
Survey software	Surveyor for processing, presentation & quality control
Data management	SurveySafe, cloud portal system
Survey modes	GoGyro, multishot, continuous
Operating system	Windows 7, 8, 10, 11. 32 & 64 bit

14 | SLIMTWIN & SLIMGYRO

The SlimTwin and SlimGyro are the world's slimmest high-accuracy rate gyro survey instruments. The fully integrated housing with an outer diameter of only 25mm makes them unique in the field of precision surveying.

The SlimTwin features a truly unique two-gyros-in-one combination. Each run gives two high accuracy but independent surveys. This means it is possible to gain better QA/QC results from a single run, where other systems would require two or more runs to get the same result. Both gyro instruments in the tool are calibrated together to ensure tight agreement between the units. The low power consumption of the electronics gives a survey time of 50 hours or more on a single battery charge.

The SlimTwin and SlimGyro are ideal for surveying in narrow diameter holes where it is otherwise impossible to fit a high accuracy gyro. They have found wide use in underground mine production, dam construction, tunneling, RC drilling and much more.

**WORLDS SLIMMEST SURVEY GYRO
FULLY INTEGRATED
FROM VERTICAL TO ANY ORIENTATION**

FEATURES AND BENEFITS

- Continuous mode
- Multishot mode
- Fast GoGyro mode
- Over 50 hours battery time
- Rugged handheld field computer
- SurveySafe cloud data management
- Fully-integrated 25 mm OD running gear

Accuracy

Inclination	$\pm 0.1^\circ$
Gravity highside	$\pm 0.15^\circ$
Gyro toolface	$\pm 0.5^\circ$
Azimuth	$\pm 0.5^\circ$
Position	$< 0.2\%$ (2m/1000m) depending on hole profile

Specifications

Rate capability	1000°/s
Power consumption	0.2W SlimGyro, 0.4 W SlimTwin
Memory	Over 100 hours surveying
Communication method	Built in Bluetooth
Temperature range	-20° C to 80° C
Dimensions	Diameter 25 mm. Length 139.0 cm (including bottom shock and swivel)
Weight	2.90 kg

Battery Specifications

Charge lifetime	100 hours SlimGyro, 50 hours SlimTwin
Type	Rechargeable NiMH

Control & Processing

Field control unit	Algiz 8X or 10X, rugged tablet PC (MIL-STD-810G)
Operating time	10 hours battery, normal use
Survey software	Surveyor for processing, presentation & quality control
Data management	SurveySafe, cloud portal system
Survey modes	Multishot, continuous and delayed start.
Operating system	Windows 7, 8, 10, 11. 32 & 64 bit.

16 | NORTHFINDER

Our NorthFinder downhole survey tool is now in its second generation. Developed with oil & gas deep wireline and dropgyro surveys in mind, it is tailored for high performance under demanding conditions.

Ideal for survey with deep vertical sections, in dropgyro or wireline configurations. Designed to fit in NKW heatshields for use in hot and corrosive environments.

A high-accuracy FOG-based northfinder module is married with a continuous navigation MEMS module to provide the ultimate in versatility for your high-end survey applications.

Onboard realtime processing is performed while the tool is running in the hole. This allows an ultra-high navigation sampling rate for superior accuracy and lightning fast download and presentation of results.

FOG NORTHFINDER MODULE
CONTINUOUS GYRO MODULE
REALTIME DTH PROCESSING

FEATURES AND BENEFITS

- Singleshot / multishot northfinding
- Continuous wireline surveying
- True depth navigation
- Lightning fast download / processing
- SurveySafe cloud data management

Accuracy

Inclination	$\pm 0.1^\circ$
Gravity highside	$\pm 0.15^\circ$
Gyro toolface	$\pm 0.5^\circ$ (sec lat)
Azimuth	$\pm 0.5^\circ$ (sec lat)
Northfinding time	< 5 min

Specifications

Power consumption	1.4 W
Memory	Over 100 hours surveying
Communication method	Bluetooth
Temperature range	-20°C to 70°C
Dimensions	Diameter 32 mm. Length 227 cm
Running gear	1.65" heat shield

Battery Specifications

Charge lifetime	30 hours
Type	Rechargeable NiMH technology
Dimensions	Diameter 32 mm, Length 3.79 cm

Control & Processing

Field control unit	Algiz 8X or 10X, rugged tablet PC (MIL-STD-810G)
Operating time	30 hours battery, normal use
Survey software	Surveyor for processing, presentation & quality control
Data management	SurveySafe, cloud portal system
Operating system	Windows 10, 11. 32 & 64 bit

18 | Compass25 & Compass35

The Compass25 and Compass35 are magnetic multishot instruments for borehole surveying based on modern MEMS technology.

They are fully integrated in their own brass running gear, requiring little set-up in the field. Wireless in operation, the tools utilize Bluetooth communication with a rugged Android field device. The systems can be run in both single and multishot modes. Available in two sizes, they are fully integrated inside their own running gear with a diameter of 25 or 35 mm.

The Compass35 can be supplied with three aluminum extension rods & landing collar with multiple collar sizes that makes the Compass35 simple and efficient. The Compass25 is designed for simple wireline use

35mm STANDARD, 25mm SLIMLINE
WIRELESS COMMUNICATION
FULLY INTEGRATED

FEATURES AND BENEFITS

- Singleshot mode
- Multishot mode
- Operation time up to 100 hrs
- Landing collar with B, BTW, N, NTW and H adapters available
- Rugged handheld field computer
- SurveySafe cloud data management
- Fully-integrated 25mm or 35mm

Accuracy

Inclination	$\pm 0.15^\circ$
Gravity highside	$\pm 0.15^\circ$
Gyro toolface	$\pm 0.35^\circ$
Azimuth	$\pm 0.35^\circ$
Magnetic field range	$\pm 100,000 \text{ nT}$
Magnetic feild accuracy	$\pm 50 \text{ nT}$
Magnetic dip	$\pm 0.20^\circ$

Specifications

Power consumption	0.015 W
Memory	200 hours surveying
Communication method	Bluetooth
Temperature range	-20C to +80C
Dimensions Compass25	Diameter 25mm. Length 139 cm. Weight 2.9 kg
Dimensions Compass35	Diameter 35mm. Length 146 cm. Weight 6.2 kg
Battery type	Lithium primary

Control & Processing

Field control unit	Nautiz X2, fully rugged handheld (MIL-STD-810G)
Operating time	Full day of normal operation
Survey software	Compass app
Data management	SurveySafe, cloud portal system
Operating system	Android

20 | LiPAD-100 GYROCOMPASS

The LiPAD-100 gyrocompass is the ideal solution for quickly and accurately finding a reference direction for downhole instruments that require an external direction reference. Born of the high performance pedigree of Litef Industrial Solutions, a Northrop Grumman company, it has unparalleled accuracy and ease of use. This is evidenced in its super-lightweight design of only 4.6 kg, making it simple to use with one hand, but more accurate than the competition that weighs in three-times as heavy.

Apart from initializing downhole surveys, it is highly versatile and finds a wide-variety of alignment applications on mine sites above and below ground, in tunneling projects, on building sites, in hydro-dam monitoring and more. The LiPAD-100 is available to the mining market exclusively through Inertial Sensing.

SUPERIOR NORTHFINDING

FAST ALIGNMENT

EASY TO USE

FEATURES AND BENEFITS

- Light weight
- Easy handling, even one-handed
- Aerospace pedigree
- Superior accuracy
- Fast northfinding time
- Rugged handheld field computer
- SurveySafe cloud data management

Specifications

Heading accuracy	0.35° (1-sigma sec lat)
Pitch & roll accuracy	0.05°
Alignment time	Under 5 minutes
Size (HxWxD)	21.5 x 32.5 x 14.3 cm
Weight (including battery)	4.6 kg
Battery runtime	Minimum 6 hours
Environmental	Water, sand and dust proof rating IP 64 Shockproof 30 g / 20 ms
Operating temperature	-20° C to 60 °C

Control & Processing

Field control unit	Nautiz X2, fully rugged handheld (MIL-STD-810G)
Operating time	Full day of normal operation
Survey software	LiPAD-100 app
Data management	SurveySafe, cloud portal system
Operating system	Android



22 | APPLICATIONS: MINING & GEOTECHNICAL

With our complete range of gyro survey tools and packages it is possible to survey in all mining & geotechnical applications, including:

- Diamond drilling & coring
- Production blastholes
- RC drilling
- Grouting
- Pilot holes
- Piling
- Tunneling
- Freeze holes
- Anchor holes
- Civil engineering

Find our most viewed packages for mining & geotechnical applications in the next upcoming pages.

Complete kit, continuous survey and aligner

For fast, convenient and top-of-the-line survey results, either on surface or underground, nothing beats the combination of our fully integrated gyros running continuous surveys and referenced with the superior performance of the LiPAD-100 aligner.

Package features

- Fully integrated SlimTwin
- Wireless depth tracker
- Inline centralizers
- LiPAD-100 for alignment

BlastGyro

By far the most popular standardized package is the original BlastGyro. Developed specifically for underground surveying of production blast holes in a fast and safe manner. The survey software features a dedicated BlastGyro mode which includes templated survey setup to avoid data entry on-site and make surveying entire rings easy.

Package features

- Fully integrated BlastGyro
- Fiberglass feeder reel
- Underground sight
- Disposable centralizers

Standard coring survey

For everyday surveying while drilling core the rugged, fully integrated 35 mm TwinGyro with overshoot to latch on to the core barrel is indispensable. Produce two surveys per run for that extra confirmation of a quality survey.

Package features

- Fully integrated GoGyro
- Core-retrieval overshoot
- Spacer centralizers: B, N, NTW and H

Continuous wireline survey

When speed is of the essence, particularly in deeper holes, avoid stopping at every station and simply reprocess the survey for the desired depth outputs as needed. The Bluetooth connected wireline depth tracker integrates seamlessly with the survey software.

Package features

- Fully integrated SlimTwin
- Wireless depth tracker
- Spacer centralizers: B, N, NTW and H

Micro-dogleg continuous wireline survey

Micro-dogleg surveys require a dense array of stations and are only practical in continuous survey mode. Both the TwinGyro and SlimGyro are capable of such surveys when combined with an optical encoder package.

Package features

- SlimGyro / TwinGyro kit
- 1.2" or 1.65" NKW heatshield
- Slickline, E-line and dropgyro accessories
- Optical depth encoder package

TwinGyro with heatshield

For all types of work in standard rods the TwinGyro with a 1.65" heatshield is ideal. Run on slickline, E-line or as a dropgyro at all depths. Ideal for dropgyro surveys, produce two independent surveys from the single chance pulling out of hole.

Package features

- Complete TwinGyro survey kit
- 1.65" NKW heatshield
- Slickline, E-line and dropgyro accessories

SlimGyro with heatshield

For surveying in tight production holes without the need to pull the tubing the SlimGyro is ideal. The 1.2" heatshield can fit into tubing where no other gyro can go. It can also be used in standard slickline, E-line and dropgyro configurations.

Package features

- Complete SlimGyro survey kit
- 1.2" NKW heatshield
- Slickline, E-line and dropgyro accessories

25 | APPLICATIONS: OIL & GAS AND GEOTECHNICAL

Oil & Gas Gyros

All of our gyros come in non-integrated versions. This allows them to be mounted inside high-quality heatshields designed and manufactured specifically for our survey tools by NKW in Houston, Texas. A wide range of standard oil & gas accessories for slickline, e-line and dropgyro applications are available. These packages are also perfectly suited to geothermal applications, or anywhere else that hot temperatures or corrosive environments are encountered.

Our advanced gyro survey technology has been used for over a decade in the oil & gas industry all around the world. The focus on low power, compact design and long battery life and survey time means our survey systems produce high accuracy results in even the deepest and longest surveys in hot and harsh conditions.

Extensive and ongoing development of hardware, software and navigation algorithms means we can survey in all conditions and configurations. A full range of accessories is available, from high quality heatshields to every type of centralizer. Whether it is slickline, E-line or deep dropgyro surveys we have a gyro for the job. Results are highly accurate in both long trip-out dropgyro surveys as well as fast continuous wireline micro-dogleg studies. IPM files are available on request for all our gyro survey instruments.



26 | ACCESSORIES: MINING

Handheld rugged computers

Inertial Sensing is an authorised distributor of Handheld rugged computers and accessories. For all our gyros we recommend the Algiz 10X or Algiz 8X from Handheld. The Nautiz X2 is recommended for the Compass and LiPAD-100.



Core retriever 35 mm

In diamond core drilling operations, the integrated 35mm TwinGyro or GoGyro are perfect when combined with the core retriever package. This enables surveying while retrieving the core tube, maximizing productivity and ease-of-use.



Wireless depth tracker

The WDT is a standalone wireless depth tracker with a fixture for mounting on the drill rod collar. The system is built for drillers and is robust, reliable, and simple to use. The WDT can be operated directly from Inertial Sensing's Surveyor software for continuous mode gyro surveys. It provides real time depth readings, stored and processed by the field computer. It can also be operated individually using a smartphone app.

Bluetooth communication

- Wireless Bluetooth
- Long battery life
- Light weight
- 0.1% depth accuracy
- Up to 12 mm wireline diameter
- Up to 100 m/min wireline speed



Sighting device

For surveying vertical holes in surface operations, an optical sight is indispensable for aligning surveys to a known reference. This unit attaches to all our gyro products and packages.



Underground sighting device

For surveying vertical holes in underground operations, a laser sight is indispensable for aligning surveys to a known reference. This unit attaches to our 25mm gyro products and packages.



KwikZip centralizers

The range of disposable KwikZip centralizers are ideal for use with the BlastGyro in production blastholes. In the event of the tool becoming stuck in an open hole they can be pulled off and the tool retrieved.

Standard GT sizes: 40, 30 and 20.



Inline centralizers

Surveying vertical and near-vertical holes, large diameter holes and production blastholes typically requires the use of reliable centralizers to produce high quality and dependable surveys.



Feeder reel

For production blastholes and other short surveys where a winch is impractical, a reel of glass fiber rod is ideal for pushing a survey instrument into the hole.

Our range of SlimGyro and BlastGyro tools can be easily and safely pushed on these rods by one person, even in up-hole surveys. The survey computer can be mounted conveniently atop the reel.



Standard rod lengths: 50m & 100m

SmartAligner

The Mazac SmartAligner is a lightweight and powerful drill rig and survey alignment solution. Highly recommended to align your surface drill rig or gyro survey.

- Quick measurement
- Multiple configurations
- Align antennas
- Compact design
- Android app



Running gear 26 & 38 mm

Our older range of non-integrated gyro instruments require standard running gear for surveying.

**These are available
with two outer diameters:**

- 26 mm for the SlimGyro
- 38 mm for the TwinGyro and isGyro



32 | ACCESSORIES: OIL & GAS

Standard accessories

A variety of high-quality accessories needed for use in slickline, E-line and dropgyro applications include:

- Blade centralizers
- Finger guide subs
- Orienting subs
- PCC spear point
- PCC overshoot
- Landing plate
- Wireline swivel
- Optical/laser scope
- GPS alignment

SmartAligner

The Mazac SmartAligner is a lightweight and powerful drill rig and survey alignment solution. Highly recommended to align your gyro surveys.

- Quick measurement
- Multiple configurations
- Align antennas
- Compact design
- Android app





Heatshields

For oil & gas, geothermal and hot mining applications a heatshield is required. We supply a range of heatshields custom designed for our gyro survey tools. We use only the highest quality products from National K Works in Houston, Texas.

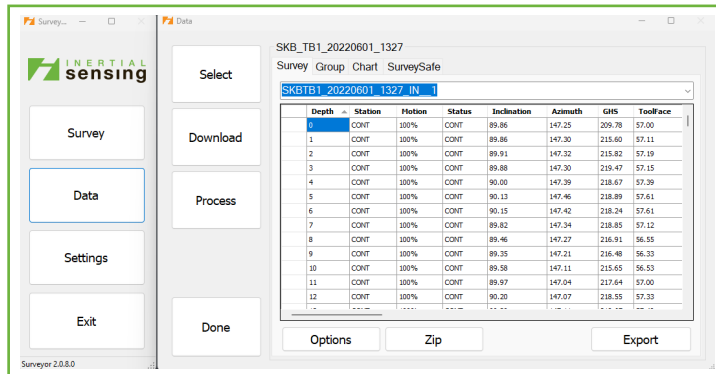
Encoder-to-USB converter

The Encoder-to-USB Converter is a converter kit for connecting an existing standard industrial encoder to Inertial Sensing's Surveyor software. It converts the encoder output to USB data for use with continuous mode gyro surveys. Ideal if your setup already has a standard optical encoder.



34 | SOFTWARE: SURVEYOR

Surveyor is the standard field software developed to run all current Inertial Sensing gyro systems in all survey modes. Surveyor is fully compatible with all current Inertial Sensing gyro systems.



Features

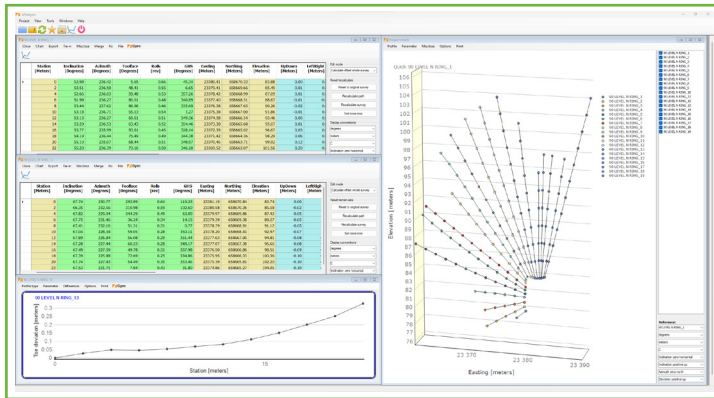
- The latest proprietary gyro software from Inertial Sensing
- SurveySafe integration for cloud-based data management
- Operates:
 - BlastGyro
 - GoGyro
 - SlimTwin
 - TwinGyro
 - SlimGyro
 - isGyro
 - NorthFinder
- Survey modes:
 - GoGyro
 - BlastGyro
 - MultiShot
 - Continuous
 - Stinger for vertical directional

35 | SOFTWARE: isANALYSIS

The isAnalysis software package is the standard tool for more advanced review of survey data. Load multiple surveys from multiple tools from multiple manufacturers all at once. Compare, chart, average, edit, recalculate, plan and export data to multiple formats with ease. Integration with the SurveySafe cloud data management system makes working with surveys simple and easy.

Features:

- Load survey data from Inertial Sensing and other manufacturers
- SurveySafe integration for cloud-based data management
- Edit survey data
- Recalculate hole coordinates
- Tie-in, merge, and average surveys
- View planned holes
- Export to multiple formats including:
 - XLS
 - CSV
 - DXF
 - PDF
 - LeapFrog



36 | DISTRIBUTORS: MINING & GEOTECHNICAL



Rocktech USA | USA | www.rocktechusa.com | +1 208 765 4231



Absolute Precision KZ | Kazakhstan | www.aplimited.com | +7 929 755 75 75



Xploration Products | Northern Europe | www.xplorationproducts.com | +46 70 583 60 10



GyroServices | Central Europe | www.gyro-services.com | +41 79 420 6765



Ingetrol | Latin America | www.ingetrolcorp.com | +56 9 8828 7278



GyroMax | Australasia | www.gyromax.com.au | +61 429 900 279



Mazac | East Canada | www.mazac.ca | +1 819 860 3582



Multipower Products | West Canada | www.multipowerproducts.com | +1 250 860 6969



Chrisvin Geomet | India | www.chrisvin.in | +919840966116



C & H, INC | South Korea | www.candh.co.kr | +82 (0) 2 501-3869



Dwyka Mining Services | Africa | www.dwykaminig.africa | +27 82 563 6267

37 | DISTRIBUTORS: OIL & GAS



Inteco Atyrau | Central Asia | www.inteco-atr.kz | +7 705 148 77 05



Gyrogator Survey LTD | USA | +1 832 755 1945



Compass Directional Guidance | USA | www.compass-mwd.co | +1 832 4525340



GyroMax | Australasia | www.gyromax.com.au | +61 429 900 279



Ingetrol | Latin America | www.ingetrolcorp.com | +56 9 8828 7278

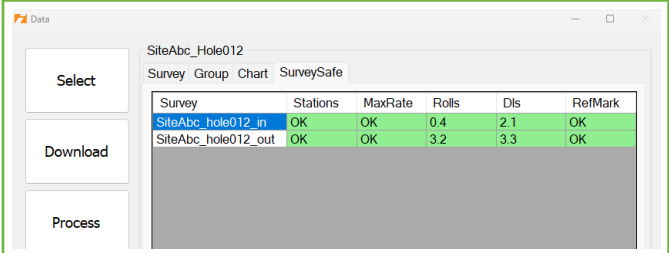
38 | SURVEYSAFE

Cloud-based Data Management

The modern world requires 24/7 access to data for local and global businesses. This applies even more to borehole surveying, with operations going on around the world in different timezones day-in and day-out.

Built with this need in mind, the SurveySafe system has been built to give survey operators easy access to survey data as soon as it becomes available from the field, regardless of where the survey is done. Once the field unit picks up an internet connection, the survey data is immediately sent to the cloud for review and action by the correct agents.

Even more importantly, we do not believe in brick-wallling data. SurveySafe will accept data from any survey system, regardless of manufacturer. It also facilitates easy transfer of data to your existing planning and analysis software.



The screenshot shows a web application window titled 'Data'. It has a sidebar with buttons for 'Select', 'Download', and 'Process'. The main area displays a table for 'SiteAbc_Hole012' with tabs for 'Survey', 'Group', 'Chart', and 'SurveySafe'. The 'Survey' tab is active, showing a table with columns: Survey, Stations, MaxRate, Rolls, Dis, and RefMark. Two rows are visible, both with green backgrounds.

Survey	Stations	MaxRate	Rolls	Dis	RefMark
SiteAbc_hole012_in	OK	OK	0.4	2.1	OK
SiteAbc_hole012_out	OK	OK	3.2	3.3	OK

Features

- Always online, anywhere in the world
- Automatic upload of surveys from Surveyor, LiPAD and other systems
- Easy management of surveys by company and site
- Simple survey review system
- Secure sharing of data
- Simple transfer to external systems
- Backed by the power of FileCloud – “Hyper-secure content collaboration”





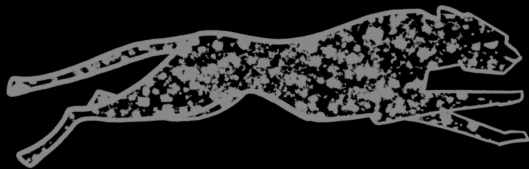
**Don't waste your time trying to
reach heavy clouds or breaking
down brick walls.**



**Stay grounded and work smarter,
not harder, with the SurveySafe system!**



Get the latest information and news on our website and social media platforms, to learn more about our products & how you can upgrade your surveying.



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