

# Leica iCON gps 70 series

Speed up –  
anytime, anywhere



leica-geosystems.com



- when it has to be **right**

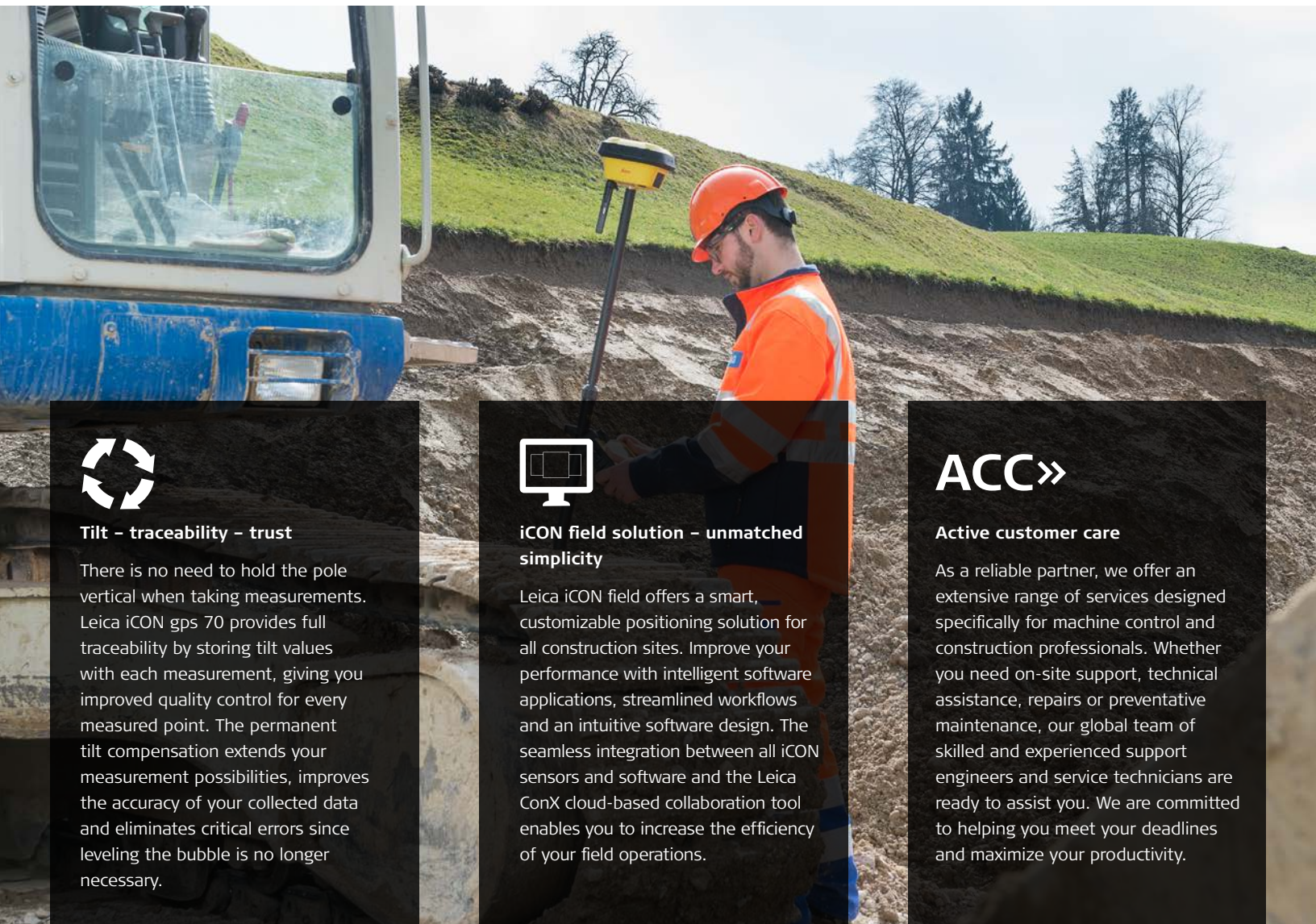
**Leica**  
Geosystems

# Leica iCON gps 70 series – **Ultimate** performance for your construction site

For construction professionals, Leica Geosystems introduces the most efficient GNSS rovers, the Leica iCON gps 70 series. With the iCON gps 70 T, you can measure and stake out points quicker than ever before without the need to keep the pole vertical or level the bubble. The combination of the latest GNSS technology and inertial measurement unit (IMU) equips the iCON gps 70 T with permanent tilt compensation and makes it resistant to any magnetic interference. Fully calibration-free, the iCON gps 70 T is ready when you are – anytime, anywhere.

Free yourself from the boundaries and limitations of working with the pole in vertical positions and increase productivity compared to conventional methods. Collect as-built field data and stake out designs faster while increasing accuracy and reducing critical errors. Avoid time-consuming procedures and measure where it was not possible before with improved quality control. Focus on your job, your surroundings and your safety – not on holding the pole vertical.

The iCON gps 70 series is seamlessly integrated into the Leica iCON field software. Keeping the core central interface of the unrivaled Leica iCON concept enables you to benefit from simple workflows that require minimal training and avoid costly downtime.



## **Tilt – traceability – trust**

There is no need to hold the pole vertical when taking measurements. Leica iCON gps 70 provides full traceability by storing tilt values with each measurement, giving you improved quality control for every measured point. The permanent tilt compensation extends your measurement possibilities, improves the accuracy of your collected data and eliminates critical errors since leveling the bubble is no longer necessary.



## **iCON field solution – unmatched simplicity**

Leica iCON field offers a smart, customizable positioning solution for all construction sites. Improve your performance with intelligent software applications, streamlined workflows and an intuitive software design. The seamless integration between all iCON sensors and software and the Leica ConX cloud-based collaboration tool enables you to increase the efficiency of your field operations.

## **ACC»**

### **Active customer care**

As a reliable partner, we offer an extensive range of services designed specifically for machine control and construction professionals. Whether you need on-site support, technical assistance, repairs or preventative maintenance, our global team of skilled and experienced support engineers and service technicians are ready to assist you. We are committed to helping you meet your deadlines and maximize your productivity.



#### PERMANENT TILT COMPENSATION

- Calibration-free
- Resistant to magnetic interference
- Increased measurement productivity and reduced human error

#### SUPERIOR AND FUTURE-PROOF GNSS TECHNOLOGY

- 555 channels for more signals, faster acquisition and improved sensitivity
- Intelligent management of multi-frequency, multi-constellation signals
- Intelligent selection to automatically reject reflected or noisy signals

#### HARDWARE & ERGONOMICS

- Compact and lightweight housing
- UHF radio
- Tilt and non-tilt variant

#### SMARTCHECK+ & SMARTTRACK+

- Unique RTK technology provides continuous checks to guarantee correct results
- Initialization within seconds
- Complete reliability

#### ROBUSTNESS FOR THE MOST DEMANDING SITES

- IP66 / IP68 protection
- Built for extreme temperatures of -40°C to +65°C
- Meets the toughest standards throughout the complete product lifetime
- Rugged aluminum housing

#### iCON FIELD SOLUTION

- Seamless integration into iCON field solution
- Easy-to-use software interface and seamless data transfer throughout the workflow
- Exceptional application functionality
- Leica ConX cloud-based collaboration tool for real-time 3D data exchange

## Leica iCON – intelligent CONstruction

Today's demanding construction environments require high-performance technology. Leica Geosystems' iCON solutions increase your profitability on any construction workflow.

Leica Geosystems offers tailor-made solutions for the complete construction workflow. With Leica iCON, you have the accuracy and performance you need for all your construction tasks. Best-in-class positioning instruments and machine control systems combined with powerful application software tailored for construction and the latest communications technology ensure you work efficiently and get high quality results.



## Leica Geosystems – when it has to be right

Revolutionizing the world of measurement and survey for nearly 200 years, Leica Geosystems is the industry leader in measurement and information technologies. We create complete solutions for professionals across the planet. Known for innovative product and solution development, professionals in a diverse mix of industries, such as surveying and engineering, building and heavy construction, safety and security, and power and plant trust Leica Geosystems for all their geospatial needs. With precise and accurate instruments, sophisticated software, and trusted services, Leica Geosystems delivers value every day to those shaping the future of our world.

Leica Geosystems is part of Hexagon (Nasdaq Stockholm: HEXA B; hexagon.com), a leading global provider of information technology solutions that drive productivity and quality across geospatial and industrial landscapes.

 **Swiss Technology**  
by Leica Geosystems



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