

An aerial photograph of a city, likely London, featuring a river (the River Thames) and a large construction site in the foreground. The image is overlaid with a semi-transparent blue filter. The SCCS logo and tagline are centered over the image.

SCCS

THE SURVEY EQUIPMENT COMPANY

SCCS, part of Hexagon, is the leading provider of technologically advanced surveying hardware and software equipment together with solutions for positioning and measuring in the UK.



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A brief history

1992

Launch

SCCS (Surveying Consultancy & Construction Services) launched..

1993

Leica Geosystems Dealership

Authorised distributor and service partner secured with Leica Geosystems

2006

Continued Growth

Employment reaches over 20 people with an asset value over £2m.

2015

New Facilities

Alpha House construction completed with tailor-made operational facilities. Employment reaches over 100 people.

2016

Acquisition

Hexagon acquires SCCS on next stage of growth



About us

SCCS, part of Hexagon, is a flagship business for rental, sales and service of Leica Geosystems solutions.

01

Comprehensive

We provide the most extensive range of high-quality hardware and software equipment.

02

Highest Service Levels

Years of experience providing service to the civil engineering, surveying and construction industries.

03

Innovation

Develop new surveying, monitoring, scanning, and other geo referencing products, solutions and services.

04

Investment

Committed investment in the hire fleet to support customers with the most advanced technology.





Turnover
£24m

Year Experience
25+

Some interesting facts

Employees
100+





Making the difference

The SCCS ethos is to provide an excellent level of service and support, always putting the customer first, building relationships across the industry.

Today with an ongoing investment in the hire fleet SCCS continue to commit to finding solutions using the most advanced technology and a support team which is among the most experienced across the whole of the UK.

What you want, Where you want, When you want





What sets us apart?

01 Complete Hire Solutions

The most comprehensive hire fleet in the UK, with the most technologically advanced hardware, software and equipment solutions for positioning and measuring available.

02 Dedicated Product Specialists

Providing complete service and support to construction, engineering and building fit-out professionals across the complete range of Leica Geosystems portfolio.

03 Highly Skilled Technical Support

Access to our highly knowledgeable and professional technical support team via telephone, email and live chat. Bespoke training courses, documentation, tailored to customer's requirements is also provided.

04 Dedicated Fleet Delivery Team

A dedicated team providing next day delivery throughout the UK mainland. This adds a personal touch to our service and ensures the equipment is delivered with the professionalism it deserves. Part of the voluntary Fleet Operator Recognition Scheme (FORS) Silver accreditation demonstrating our professionalism and reliability in taking safety, conformity and the environment seriously.



What sets us apart?

05 Machine Control Solutions

Unrivalled supplier of Machine Control and Paving solutions providing equipment and onsite installation, training and support.

06 Survey Monitoring Solutions

An outstanding team of highly trained and experienced engineers providing comprehensive monitoring solutions from Leica Geosystems and Senceive.

07 Leica Geosystems Authorised Service Partner

With a modern, purpose-built service laboratory with manufacturer certified and factory-trained technicians to ensure we continue to meet the highest standards and provide confidence in our quality of service.

08 Amberg Technologies Sole UK distributor

The leading supplier of survey equipment to the rail and tunneling industries with our experience in geo-referenced data collection.

09 Order with Confidence

A dedicated internal sales team available to process orders and offer advice via phone, email or through our eCommerce website. Our website provides detailed product information across the entire range of instruments, tools, accessories and software.

Heavy Construction

Driving productivity and quality in heavy construction operations

The demands on the UK's infrastructure are not going down, rather escalating with growing populations and industry. The speed with which these assets are needed is increasing, while often the abilities of many for maintenance of these assets is not able to keep up.

It is imperative that the infrastructure that we build today be able to withstand greater wear with less maintenance. This tall order can only be fulfilled by building our infrastructure using Intelligent Construction methods.

Our core focus is to provide intelligent solutions and support to our customers throughout the life cycle of their heavy construction and Infrastructure project to increase productivity and quality.

With the ability to deliver the most advanced equipment available from traditional engineering tools, such as total stations and GNSS to digital construction methods on a connected jobsite utilising machine control solutions and 3D mapping systems, **SCCS is the partner of choice.**



**INTELLIGENT DIGITAL
CONSTRUCTION
SOLUTIONS DELIVERED**



Building Construction

Fast and precise construction layout helps projects stay on-track

With the construction industry undergoing a digital revolution, we are seeing traditional tools and processes being replaced with digital ways of working. New technologies and processes are transforming how companies operate, helping users to do the same jobs faster, easier and more accurately.

Our solutions help construction professionals optimise their projects from start to finish, from data capture to user-specific information delivery. Our extensive portfolio is complemented by a range of software solutions that transform raw data into valuable information. The solutions support multiple sources to reduce steps and complexity throughout the build process.

**INTELLIGENT DIGITAL
CONSTRUCTION
SOLUTIONS DELIVERED**

We are focused on providing market-leading digital technologies and support to the Building Construction industry throughout the UK. From unlocking the value of BIM solutions to delivering the latest hardware and software capabilities to engineers, **SCCS are the partner of choice.**

Digital Construction

Digital construction in practice: From concept to completion

- 01 Surveying/reality capture**
Reality capture and survey tools are used to capture the lay of the land and carry out site surveys, setting up an accurate positioning network in line with the digital design model to work from.
- 02 Planning, concept, 3D design and pre-construction**
The sharing of digital models ensures the design matches reality, allowing for quick and informative decision making and verification.
- 03 Sitework/earthwork and grading**
Machine to machine intelligence between devices allows 3D design data to be provided straight onto plant equipment equipped with machine control devices, allowing operators to easily shape the land ready for the next stage of construction.
- 04 Utility and construction**
As data starts to flow through the construction process, utility assets such as underground pipes and cables are recorded and measured. Through interconnectivity between devices, the built asset is constructed in line with the design and as-built checks are carried out – providing status updates to all parties involved and verification. Furthermore, real time structural monitoring is integrated.
- 05 Connecting infrastructure**
Infrastructure data is captured by mobile mapping technology which can then be fed back into the model as validated data insuring one version of the truth is maintained according to BIM practices.
- 06 Facilities management, completion and monitoring**
To ensure maintenance of the structure throughout its lifecycle, continuous real time structural monitoring is implemented and as-built model data can be used to carry out validation and checks to help maintain the assets condition.



Improved digital construction practices and tools can help bring projects in on time and on budget by making everyone involved more productive and eliminating mistakes.

All-in-one 3D Machine Control

Simplified and connected solutions for increasing staff productivity on site and unifying design data for seamless workflows are essential to keep margin gains and generate profits. With the all-in-one machine control platform, Leica Geosystems delivers a unique, intelligent and intuitive hardware and software combination for the heavy construction industry.

Leica Geosystems' solution for heavy construction applications offers a unified hardware platform with common software interface across our machine control portfolio. Interchangeable between several heavy construction machines, the Leica MCP80 control unit integrates into the common software platform, Leica MC1, while Leica ConX, the cloud-based and user-friendly productivity platform for increased project efficiency, rounds off Leica Geosystems' goal to achieve a digitized connected construction site.



Excavator

Carry out excavation designs accurately and easily with our precise excavator control systems.



Dozer

Boost productivity and performance with our easy-to-use grade solutions.



Grader

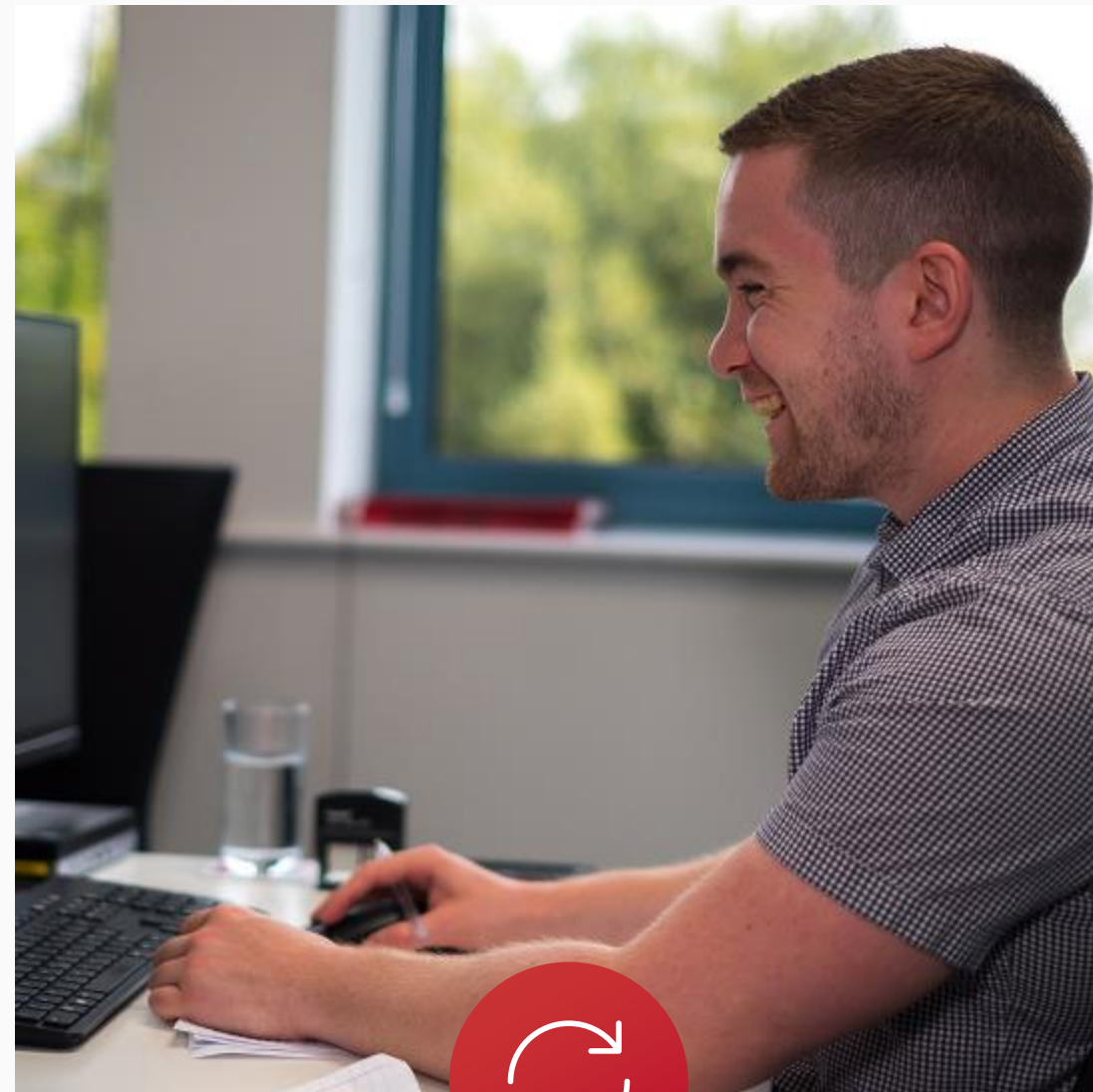
Handle all fine grading and trimming tasks easily and efficiently with our high-performance grading systems.



Paver

Integrated paving control systems that automatically provide the smoothest surfaces.

Our strength is our people



Hire

Our team of dedicated professionals provide the most technologically advanced hire fleet in the UK, serviced and maintained to manufacturer specifications to deliver guaranteed solutions.



Service

With a state-of-the-art laboratory and manufacturer certified and factory-trained technicians we ensure the highest standards and quality of service are delivered.



Sales

Our knowledgeable and experienced sales team provide innovative service and support to professionals across Geomatics, Building Solutions, Reality Capture, Machine control, Monitoring, Rail and Tunneling.



Support

Our highly trained support team provide on or off-site support, training courses and documentation for all hardware and software tailored to your individual requirements and needs.



“SCCS continue to provide excellent service and support to Buckingham Group Contracting Ltd. and I am delighted to extend our fleet management agreement.”

Colin Sudds, Head of Geomatics at
Buckingham Group Contracting Ltd

Hire

Investment of £4m+ in our fleet year on year

The SCCS hire fleet is the most comprehensive hire fleet of surveying equipment and accessories in the UK. We also provide a full range of the most technologically advanced hardware and software equipment and solutions for positioning and measuring.

Hire is a cost-effective way to make use of an instrument, saving on the cost of purchase and the ongoing servicing and calibration with exclusive rates to customers for long term hires.

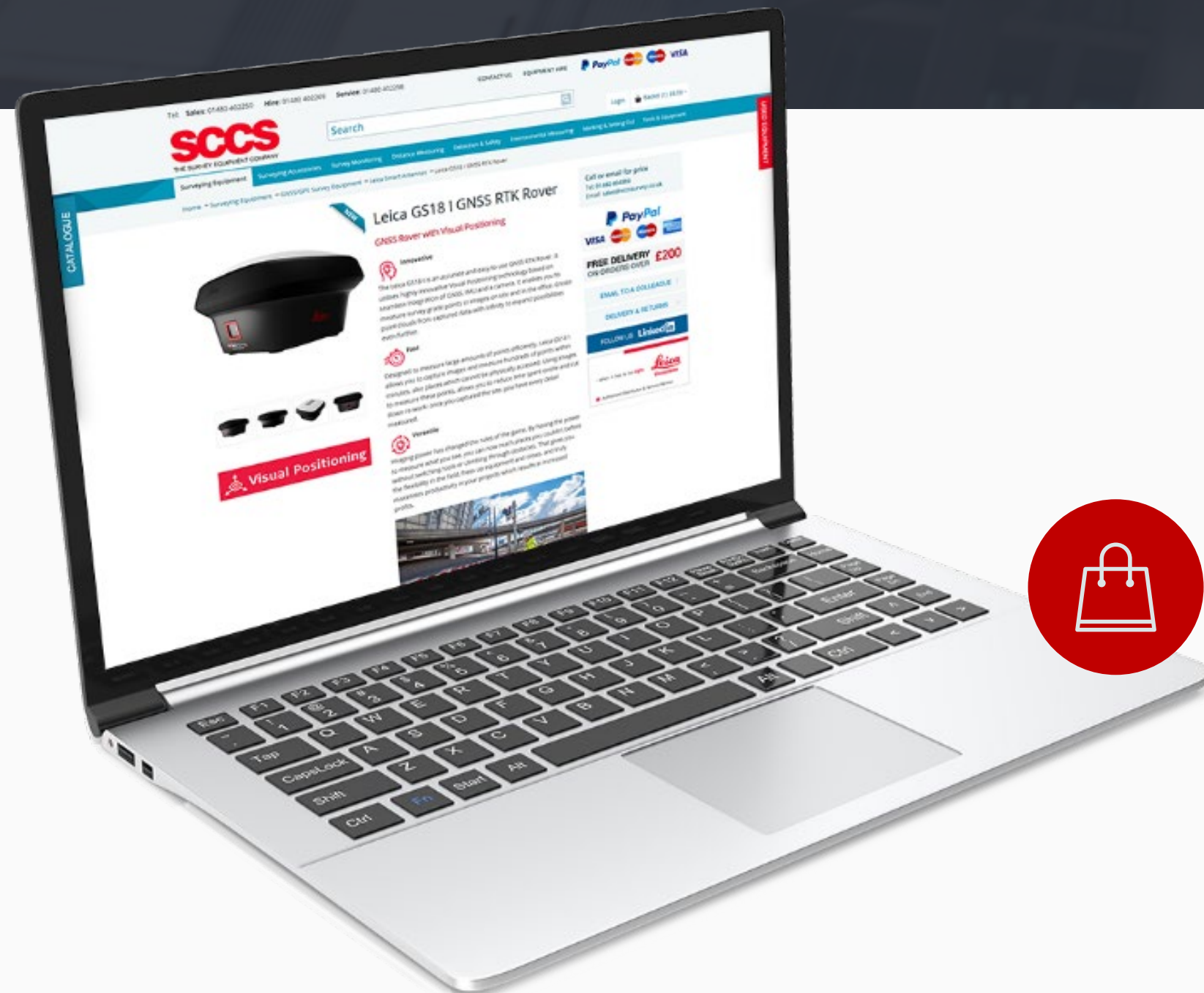
Why SCCS

- Experienced field staff and support engineers
- Authorised distribution and service partner
- UKAS calibration, servicing and repairs
- Technical support
- Expert training
- Nationwide coverage

Assets:
Over 10,000
£14m Value

Sales

We supply a wide range of instruments, accessories and consumables for measuring, surveying applications and construction.



Order Online

Our ecommerce solution allows you to order online, from mobile devices in the field to ensure you get the kit you need, when you need it.



Product Expertise

Our knowledgeable and experienced sales team provide innovative service and support to professionals across Geomatics, Building Solutions, Reality Capture, Machine control, Monitoring, Rail and Tunneling.

Calibration, Service & Repairs

01 **Purpose Built Facilities**

A modern, purpose-built service laboratory and manufacturer certified technicians.

02 **Authorised**

Fully authorised distribution and service partner of Leica Geosystems.

03 **Highest Quality**

Factory trained technicians complete continuous professional development to ensure we continue to meet the highest standards.

04 **Support**

Dedicated administration team offer support, management and detailed estimates for all work.

05 **Customer Care Packages**

We also offer CCPs for instruments which allow you to benefit from the latest software updates, extended warranties, hardware maintenance and customer support.

06 **Efficient**

We provide the fastest turnaround time in the industry.

Purpose built facilities

St Neots, Cambridgeshire

Our knowledge and expertise within the surveying and construction industry mean we understand the importance of accurate instrumentation and the benefits of scheduled maintenance.



Training & Support

SCCS 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, SCCS provide training by experienced and specialist staff.

- 01 **On-site TPS, GPS and Software Training**
- 02 **Customised Company Training Programmes**
- 03 **Remote PC Training**
- 04 **Basic Construction Product Training**
- 05 **Product Workshops**

"I would highly recommend SCCS Survey Equipment who provided all of the equipment when we needed with it, with technical support on-site and in the office to help when processing data, which is invaluable on a project of this scale"

Tom Wheatcroft BA(Hons)
Architectural Technologist / Geospatial
Surveyor, Ridge and Partners LLP

**Our support staff are all
highly skilled engineers
with field expertise**



Major Projects

SCCS support and facilitate the supply of surveying equipment to the heavy construction industry throughout the UK and have been involved in some of the most important, interesting and challenging projects.

Some of the projects we support:

01

Hinkley Point C

A 3,200 MWe nuclear power station with two EPR reactors in Somerset, England.

02

HS2

A new high-speed railway linking up London, the Midlands, the North and Scotland serving over 25 stations.

03

CrossRail

A 117-kilometre new railway line under development in the United Kingdom.

03

A14 Cambridge to Huntingdon Improvement

A major new bypass to the south of Huntingdon and upgrades to 21 miles of the A14.

05

M27 Motorway

An upgrade section between Junction 11 and Junction 4 to a smart motorway.

06

Barking Riverside London

A rail extension adding 4.5km to the London Overground Gospel Oak to Barking line.

07

London Power Tunnels

Construction of more than 60km of new deep-level tunnels carrying high-voltage cables.

08

Thames Tideway

A 25 km tunnel under the River Thames through to capture, store and convey sewage and rainwater that overflows into the river.

Trusted by the biggest names

Our valued client list features some of the worlds most renowned brand names including Skanska, Morgan Sindall, Mace Dragados, Kier, Balfour Beatty, Keltbray, Amey VolkerWessels and more.



Buckingham Group

Asset Management
Access to SCCS equipment when required
Machine Control Solutions



Kier

Special pricing structure
Tailored terms of supply



Skanska

Preferred member of their supply chain
Tailored rates for hire supply
Project specific buybacks on equipment



VolkerWessels

Fixed term hire agreement with preferential rates
Specialist supply of (MC) Paving systems
Supply and support on reality capture hire



Education

SCCS is committed to assisting many universities and colleges throughout the UK including The Survey School, The Constructionarium in both Bircham Newton and Scotland whilst also supporting the Geospatial Skills Forum run by the Geospatial Commission. We have an extensive range of discounted packages to meet educational applications including Surveying, GIS & GPS Mapping and Construction. We also provide support with hire equipment to field trip courses nationally.

We also support STEM (science, technology, engineering or mathematics) ambassador work, volunteering and visiting both primary and secondary schools to run workshops, presentations and career days.



Universities & Colleges Supported



- Nottingham University
- Bolton University
- University College London
- Newcastle University
- University of East London
- Dudley College

Lasers

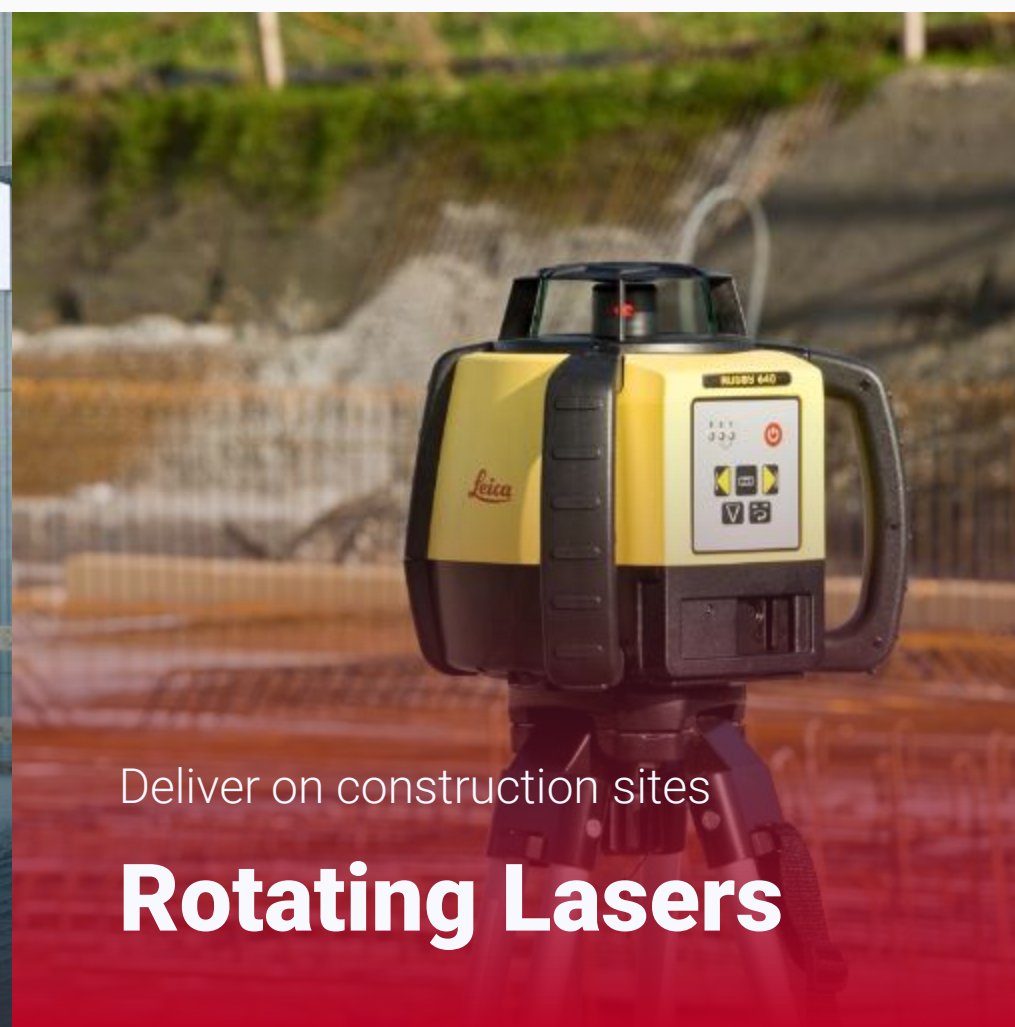
Whether it's general construction, pipe, machine control, or interior finishing applications, SCCS supply lasers built to perform in any environment.

Leica
Geosystems



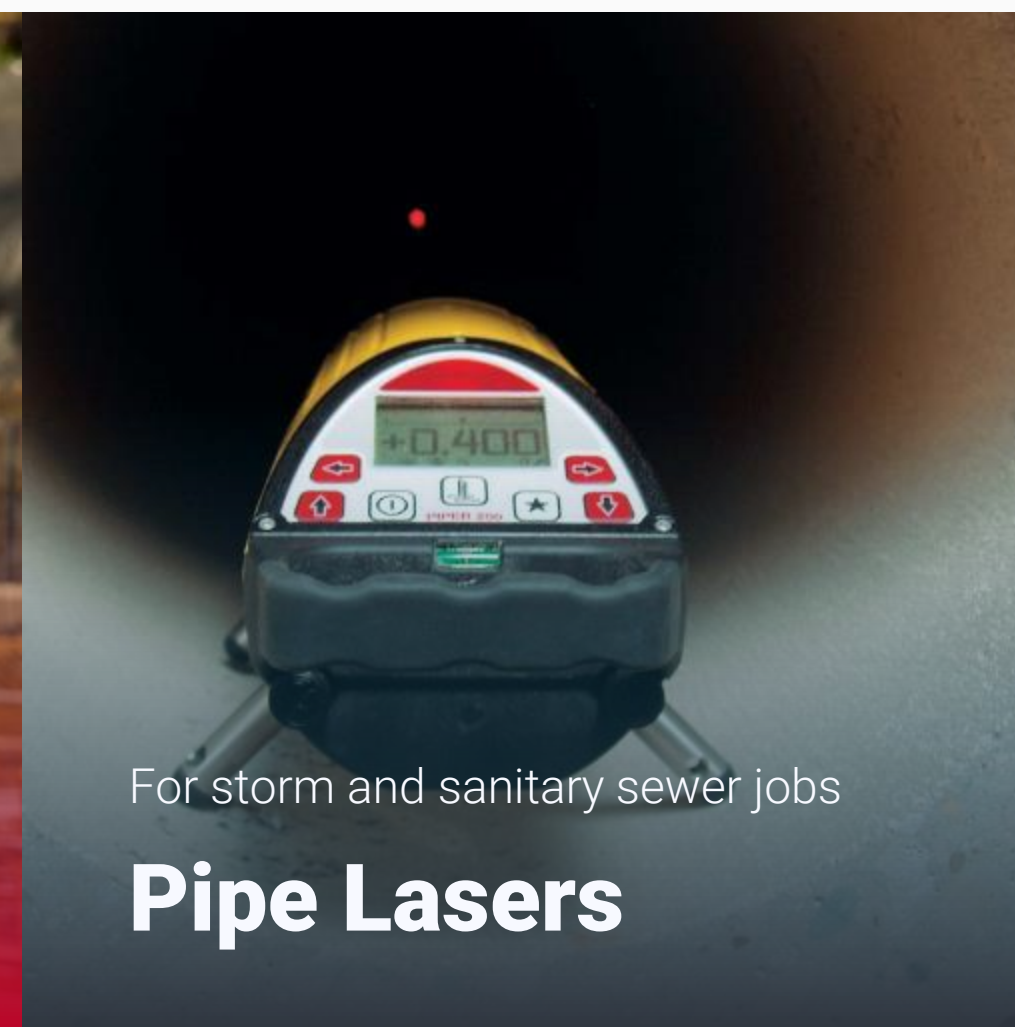
Designed to adapt, built to perform.

Upgradable Lasers



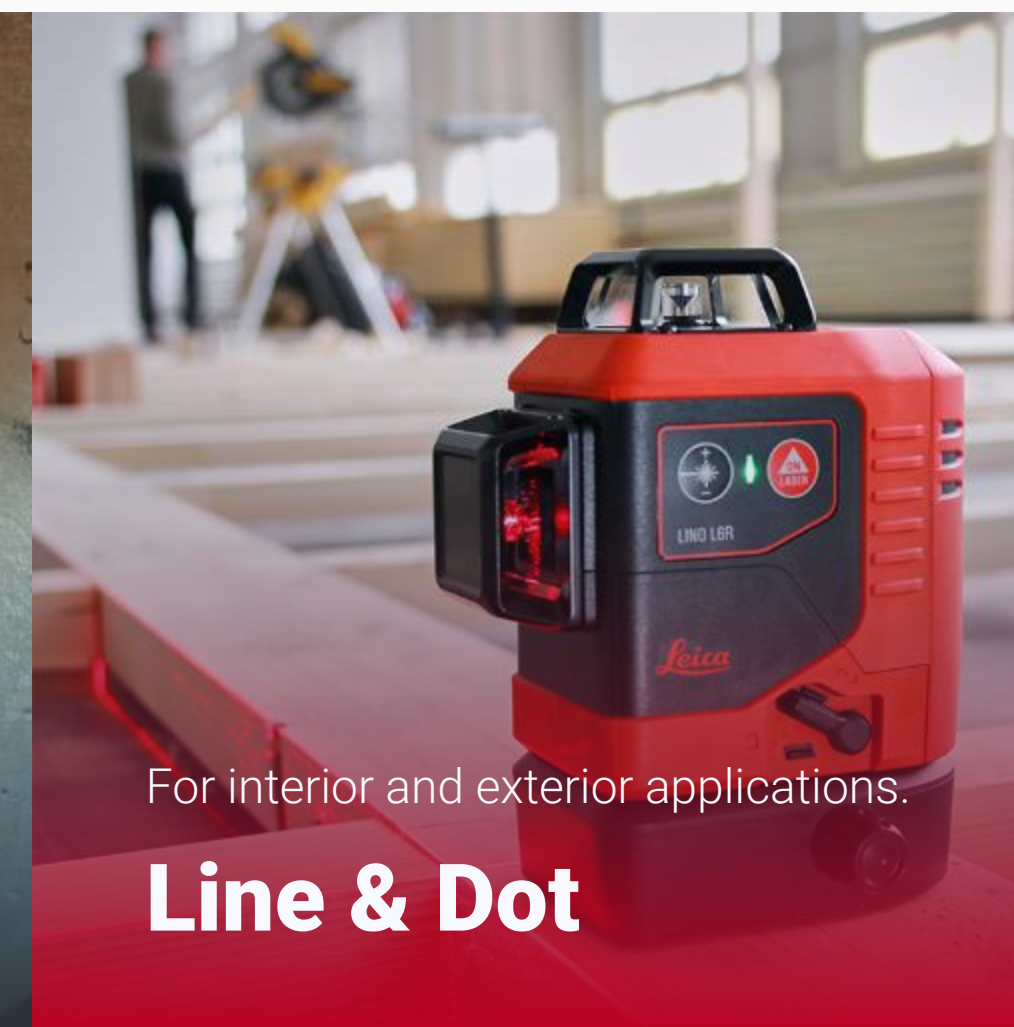
Deliver on construction sites

Rotating Lasers



For storm and sanitary sewer jobs

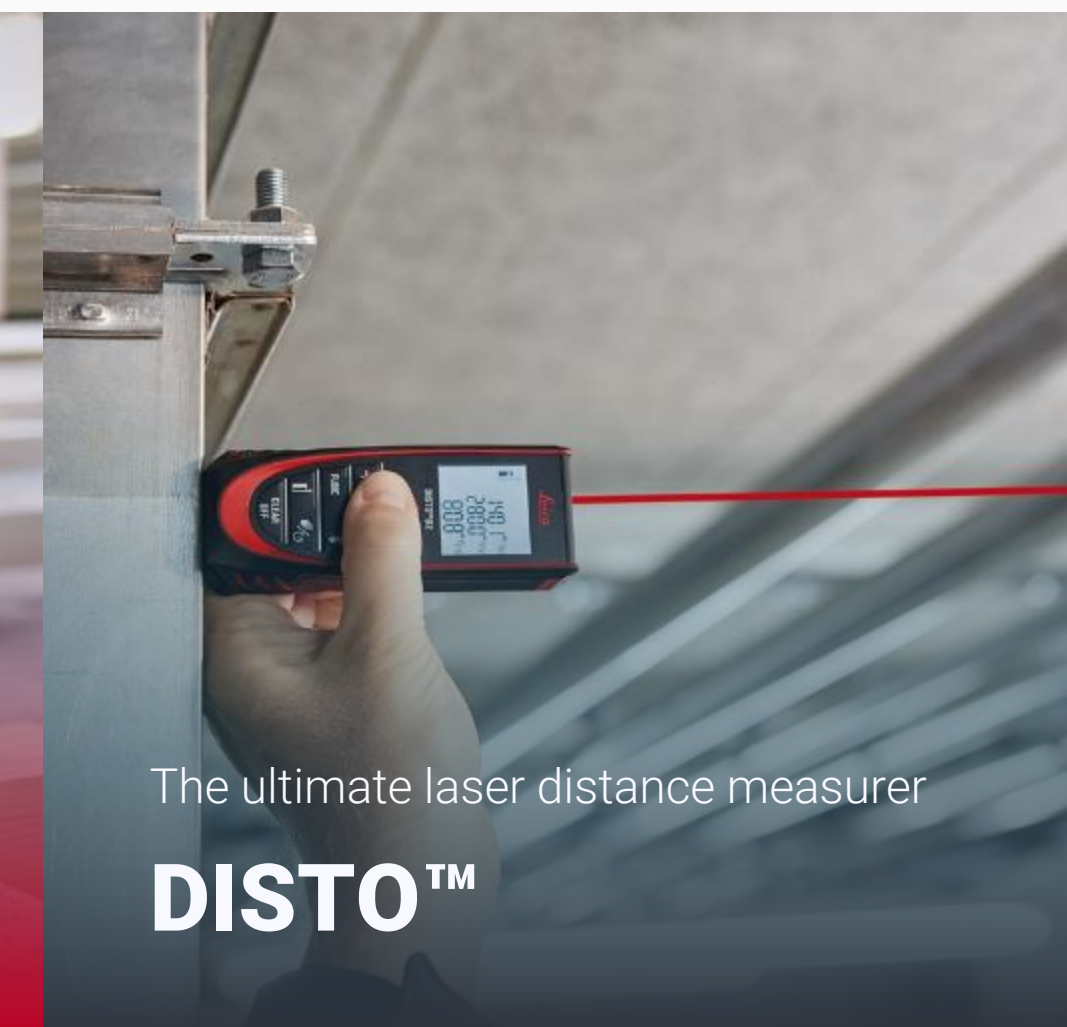
Pipe Lasers



For interior and exterior applications.

Line & Dot

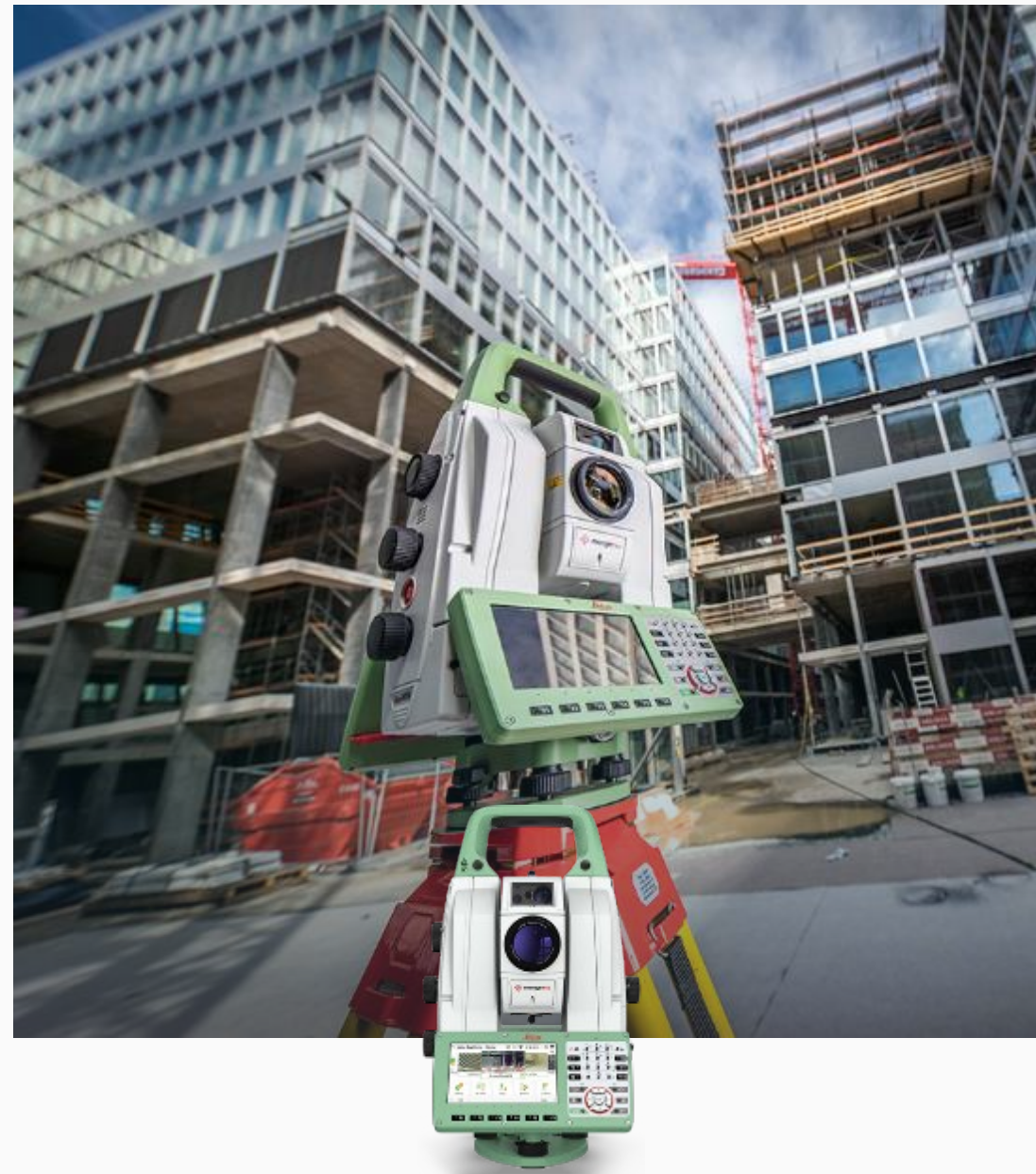
Introducing the NEW
Leica Lino L6R 3x360°
red Multi Line Laser



The ultimate laser distance measurer

DISTO™

Total Stations



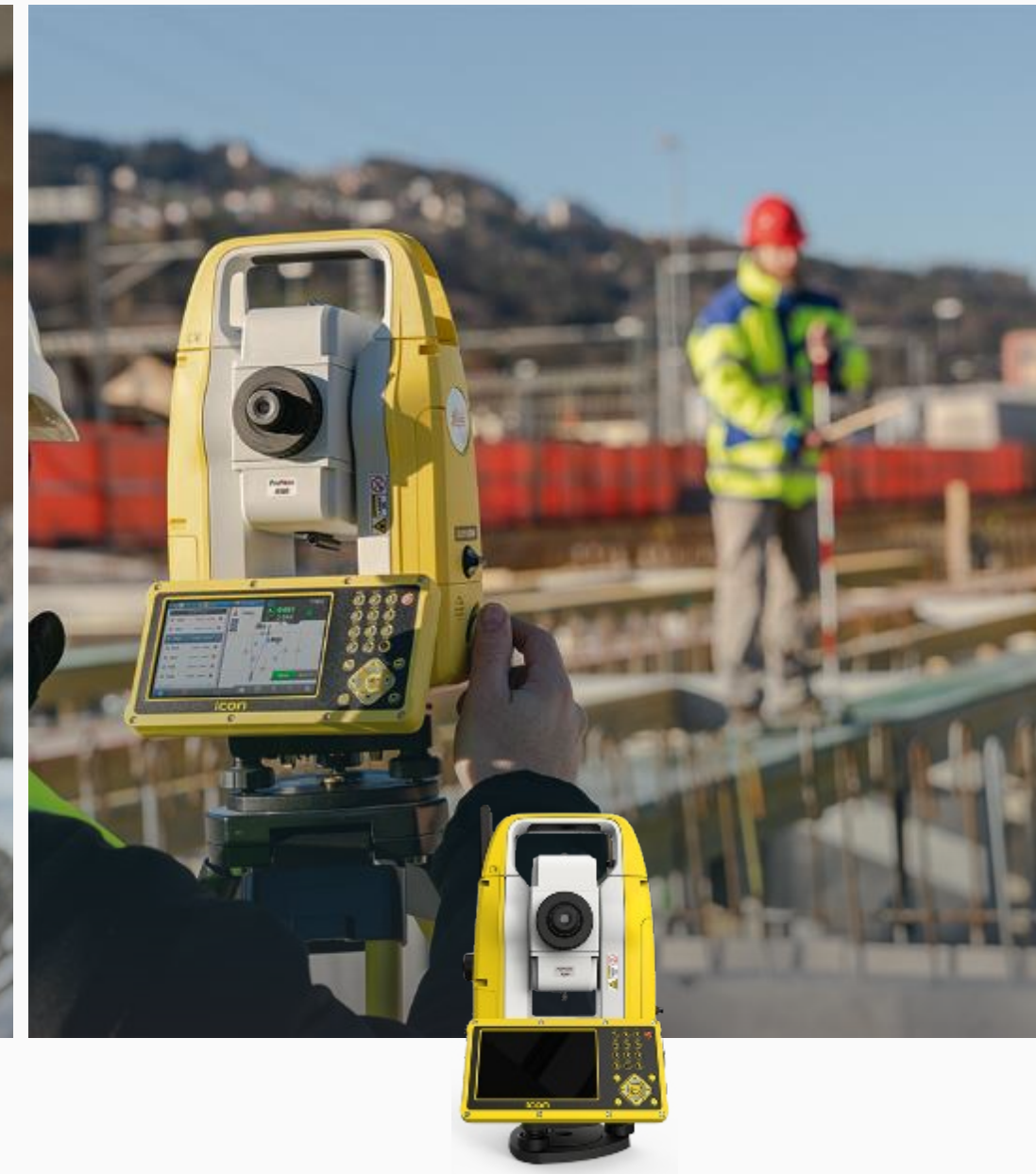
MultiStation

Get in-depth data on the Leica Nova MS60 -
The new experience in measuring
technology.



Robotic Total Stations

Achieve the highest accuracy and reliability
with our productive total stations that
provide superb angle and distance
technology and a powerful suite of
onboard Apps.



Manual Total Stations

Receive data output in any format from our
rugged total stations with accurate angle
measurements, quadruple axis
compensation and powerful reflectorless
EDM.



Controllers

A unique portfolio of wirelessly connected
field controllers with a complete range of
easy-to-use software.

GNSS



Smart Antennas

Compact and lightweight GNSS smart antennas for accurate and reliable positioning work.



Receivers

Leica Geosystems provides a wide range of receivers that offer seamless connectivity.



Controllers

A unique portfolio of wirelessly connected field controllers with a complete range of easy-to-use software.



Smart Station

A complete range of combined GNSS and TPS systems.

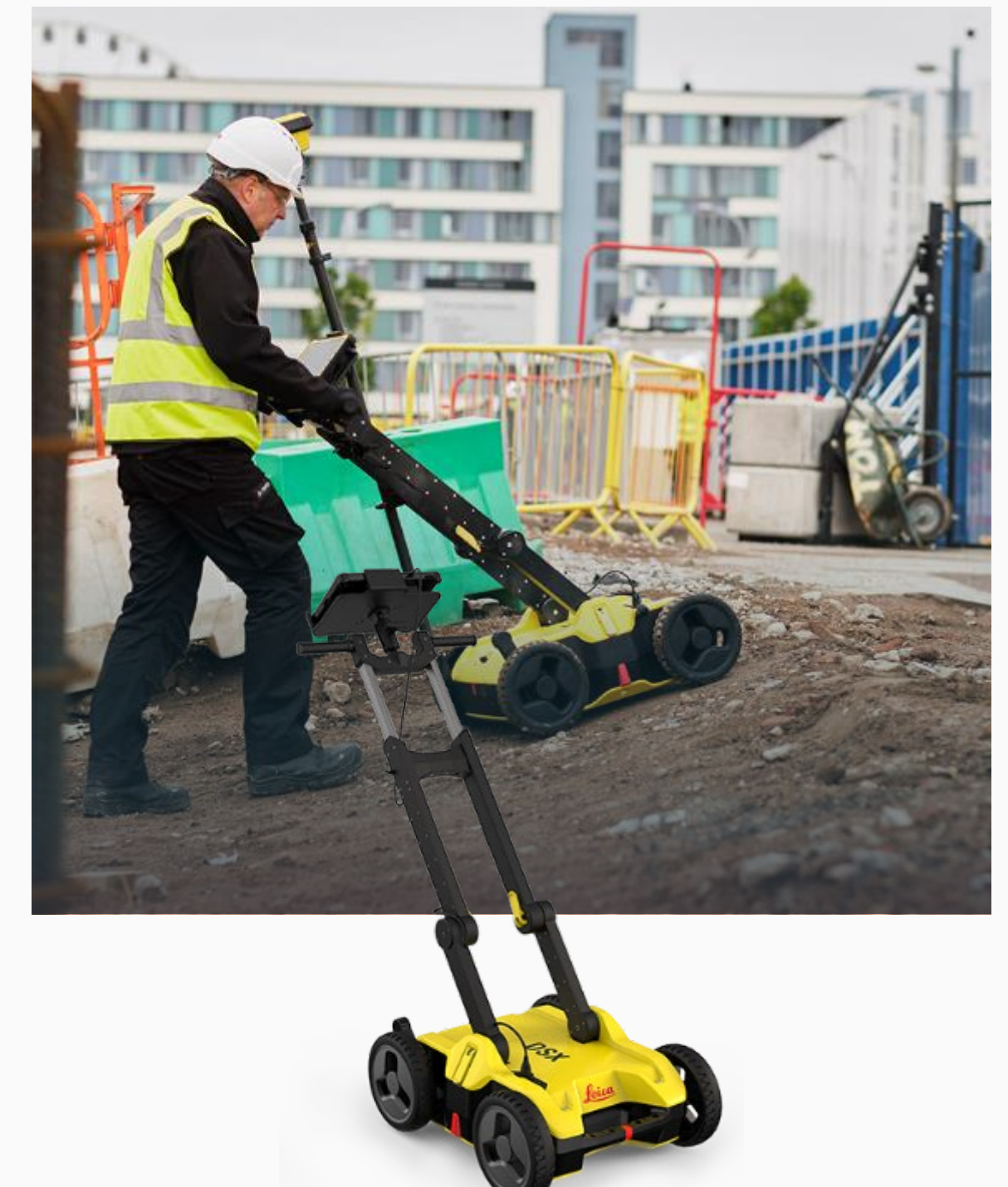


Detection



Cable Locators

Cable locators help you easily avoid buried cables and pipes before excavation work.

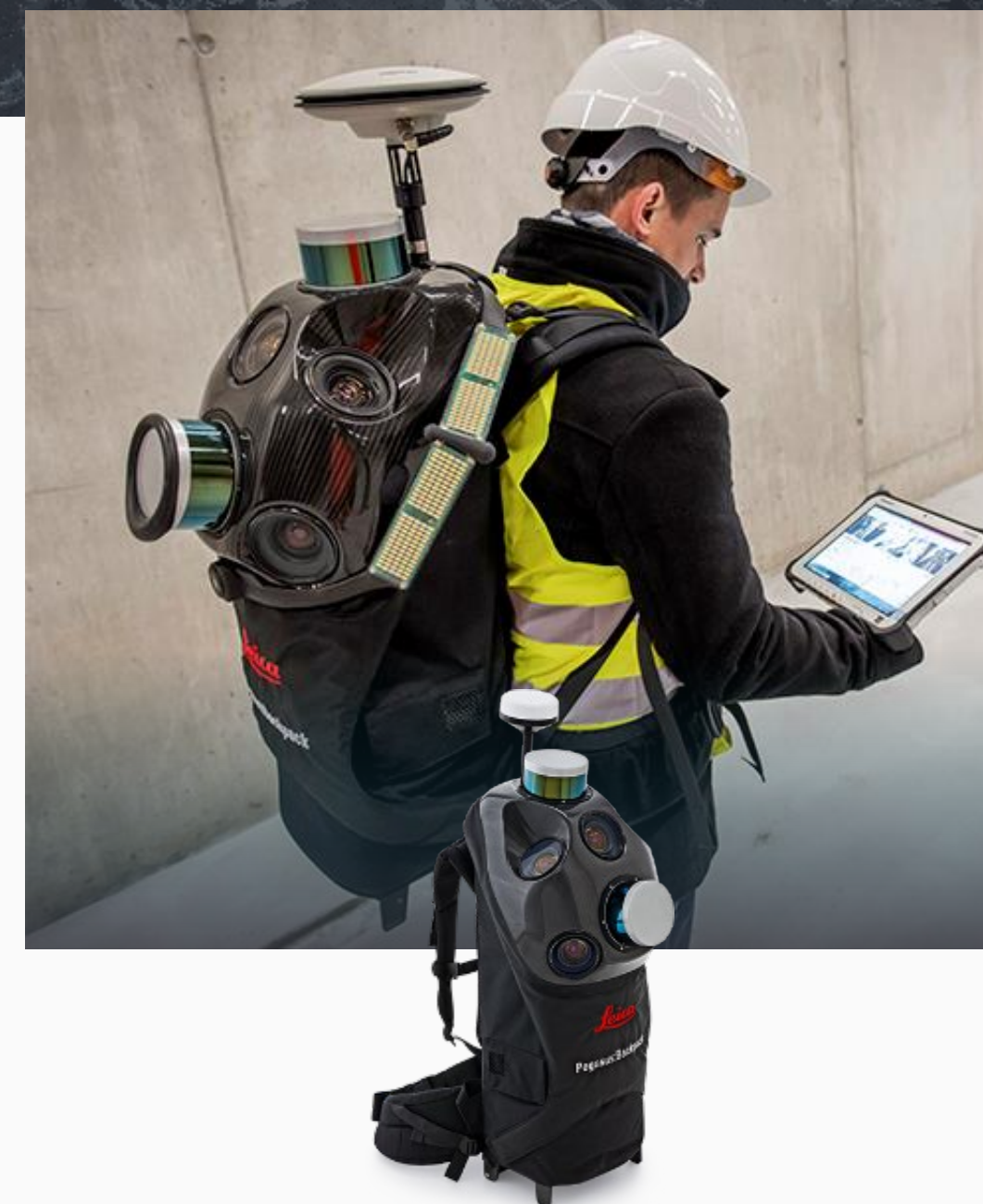
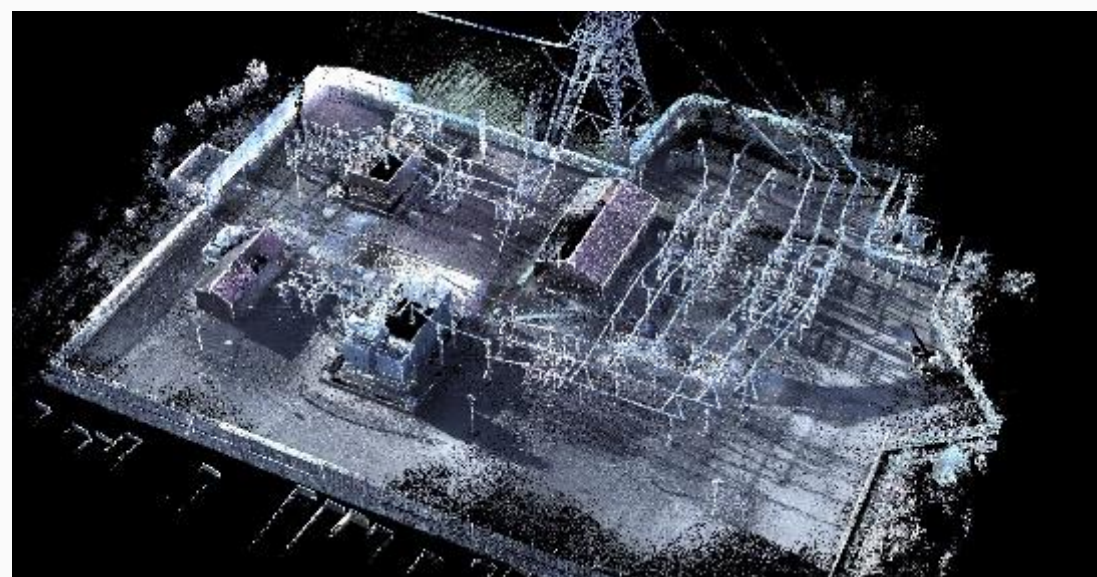


Utility Detection Radar

Detect and identify utilities on site with ground penetrating radar technology.

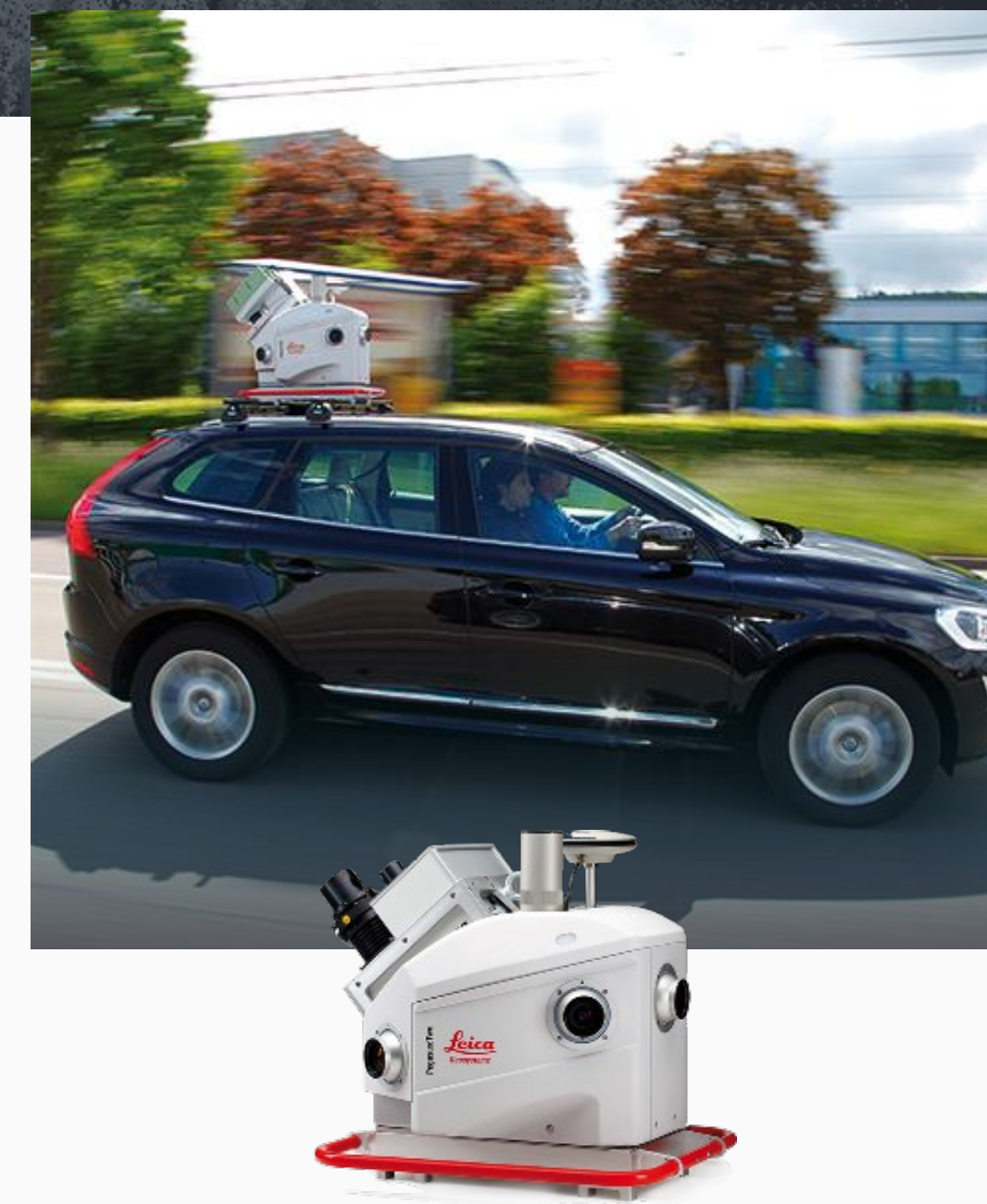
Mobile Mapping

The first complete mobile mapping solution from a single provider, including software for the capture, post-processing, and storing of the gathered data.



Leica Pegasus: Backpack

Award-winning wearable reality capture sensor platform –Reliable indoor or outdoor mapping documentation for professionals



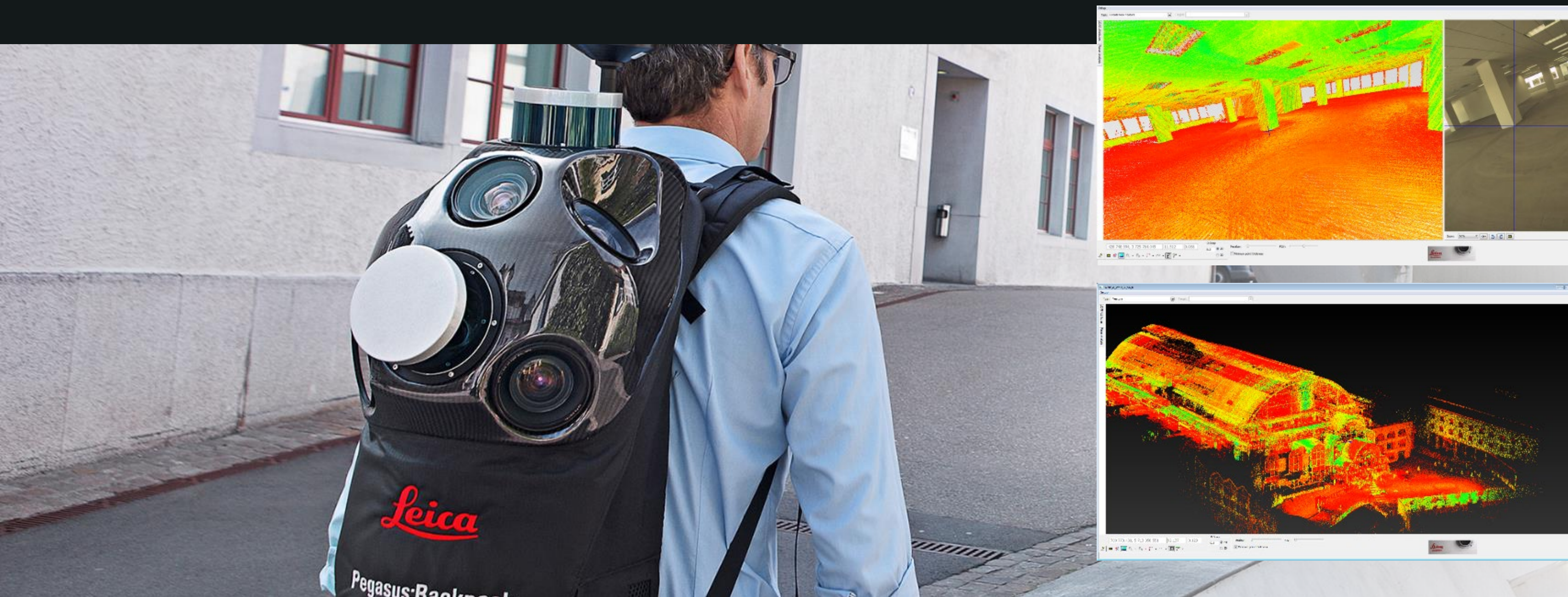
Leica Pegasus:Two

Seamless 360-degree imagery calibrated to the point cloud for improved smart city applications

Leica Pegasus:Backpack

Versatile and wearable platform for indoor & outdoor reality capture

In today's complex world, keeping pace with the speed of change is a challenge for all professionals in any industry. The Leica Pegasus:Backpack is the award-winning wearable reality capture solution enabling you to make quick and informed decisions in fast-changing, challenging and hostile environments. This GNSS agnostic solution captures immersive 360° imagery, and the optional 200m long range scanner improves data completeness for tall constructions such buildings, increases the flexibility and efficiency of your investment. Just by walking, this multidisciplinary system allows you to digitise pedestrianised city centers, the progress of construction sites, building interiors, underground structures and many more challenging applications.



Reality Capture



Leica BLK2GO Handheld Imaging Laser Scanner

Handheld, wireless, and lightweight, designed for fast reality capture on the move.



Leica BLK360 Imaging Laser Scanner

The smallest and easiest-to-use imaging laser scanner in the world.



Leica RTC360 3D Laser Scanner

Highly portable, automated and efficient 3D laser scanner.



Leica ScanStations

Leica P30, P40 & P50. Versatile high-speed with the fastest and safest, long-range 3D laser scanner

Reality Capture

**Reality capture solutions
visualise any environment as it
is so you can model with
accuracy and precision.**



Leica RTC360

3D Laser Scanner



Automatically pre-register point cloud data in the field to quickly conduct quality control checks, improve productivity and make better-informed decisions on site.

The Leica RTC360 3D reality capture solution empowers users to document and capture their environments in 3D, improving efficiency and productivity in the field and in the office through fast, simple-to-use, accurate, and portable hardware and software. The RTC360 3D laser scanner is the solution for professionals to manage project complexities with accurate and reliable 3D representations and discover the possibilities of any site.



01 **FAST**

The Leica RTC360 laser scanner makes 3D reality capture faster than ever before. With a measuring rate of up to 2 million points per second and advanced HDR imaging system, the creation of colored 3D point clouds can be completed in under 2 minutes.

02 **AGILE**

Small and lightweight, the Leica RTC360 scanner's portable design and collapsible tripod mean it's compact enough to fit into most backpacks, ready to be taken anywhere. Once on-site, easy-to-use one-button operation makes for fast, hassle-free scanning.

03 **PRECISE**

Low noise data allows for better images, resulting in crisp, high-quality scans that are rich in detail and ready for use in a range of applications. Combined with Cyclone FIELD 360 software for automated registration in the field, the Leica RTC360 scanner offers outstanding precision that can be checked on-site.

Monitoring

Survey Monitoring is one of our specialisms and we have been involved in some of the most prestigious and challenging monitoring projects in the country including The Shard and The Pinnacle.



We have a unique technical team of highly trained and experienced engineers.

Solutions Include:

- Wireless Mesh Network
- Interferometric Radar
- Monitoring Stations
- GNSS Monitoring
- Accessories



Machine Control

We provide a range of smart and integrated Machine Control solutions for the construction market. These Machine Control systems are accurate, upgradeable and durable, helping you get the job done on time and within budget.





Rail

We are the leading supplier of survey equipment to the rail and tunneling industries. In 2008 we were appointed Amberg Technologies sole UK distributor.

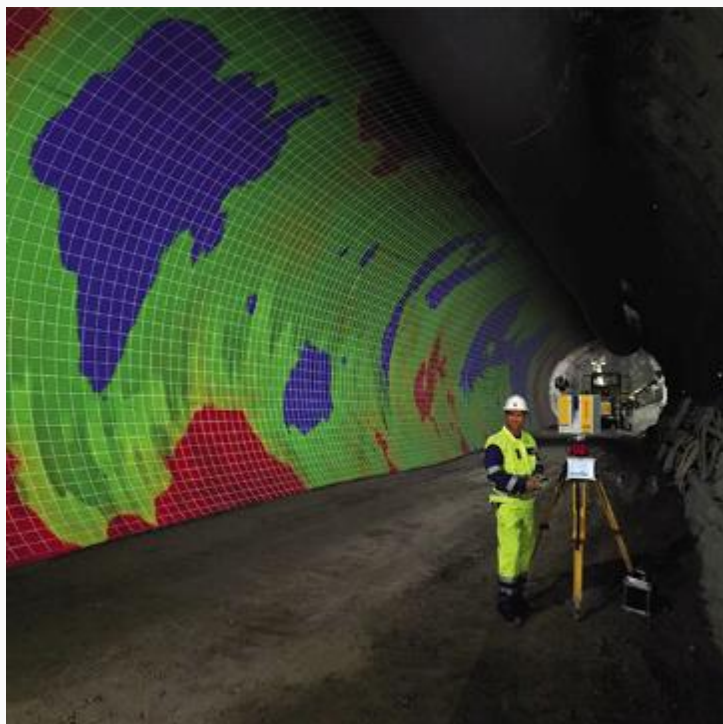
This exclusive Amberg deal plus our experience in geo reference data collection and information means we can offer the complete rail and tunnel solution.



- Highly precise geometrical information of inertial technology
- Perfect for construction, inspection and maintenance
- Highest working speeds up to 4.5 km/h
- Three different inertial measurement units
- Easily upgrade within the IMS family
- Amberg IMS technology proven worldwide in countless projects

Tunnelling

Our tunneling solutions include accurate excavation, tunnel surveying, and increased flexibility and tunnel profile checking providing savings in cost and time with increased efficiency and flexibility in tunnel excavation, surveying and checking.

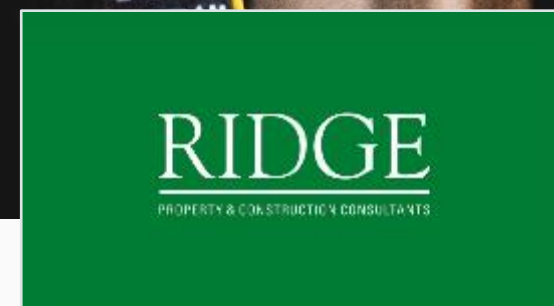


Case Studies

The Full Laser Scan Survey of a Grade II* Listed Historic Building

"I would highly recommend SCCS Survey Equipment who provided all of the equipment when we needed with it, with technical support on-site and in the office to help when processing data, which is invaluable on a project of this scale"

Tom Wheatcroft BA(Hons)
Architectural Technologist / Geospatial Surveyor
Ridge and Partners LLP

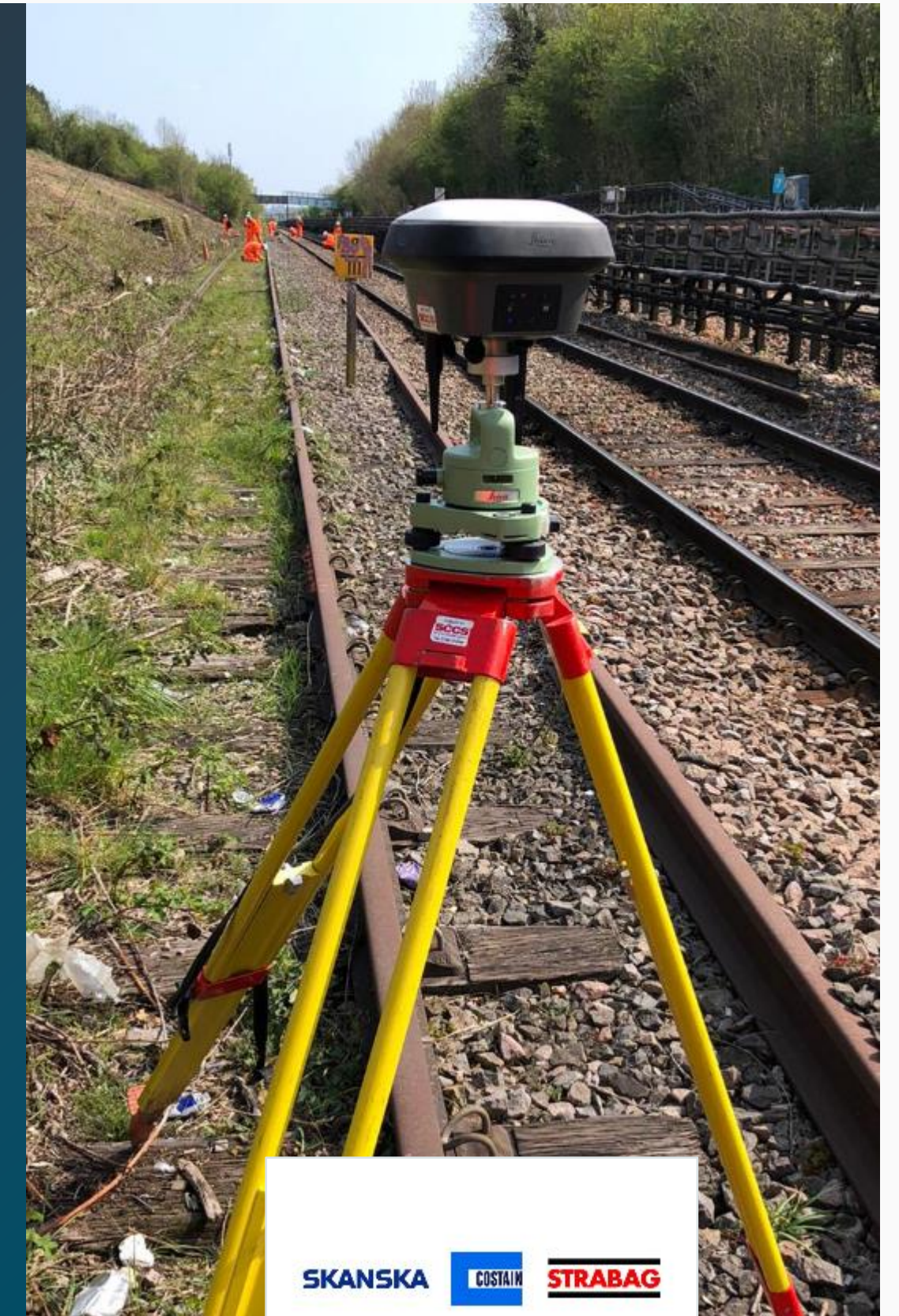


➔ [Read the case study](#)

Using Multiple RTK GNSS on an HS2 Earthworks Project

"The Leica GS18 T was the perfect instrument for the work we required. SCCS, who supplied the equipment, visited us on-site to support with the coordinate system import and gave great training specific to this project."

Tom Emerson,
Snr Engineering Surveyor
SCS Railways



➔ [Read the case study](#)

How will we add value?

SCCS work with numerous large clients to add value to each of them by supporting and guiding them with their technology choices as they adopt digital construction methods. By working closely with you, SCCS will help provide the most efficient solution for various applications and challenges faced on the modern construction site.

Kevin Smith, Managing Director
Hexagon Geosystems UK

SCCS are the partner of choice.