



PROUD TO PERFORM

DISCOVER

SMARTCONSTRUCTION

KOMATSU

A JOURNEY INTO THE FUTURE

Smart Construction is a Komatsu package of solutions that will support and improve your business. By collecting data and converting it into valuable information, it helps you to safely and accurately manage manpower, machines & material. Working conditions become more comfortable and your business more successful.

Work Smarter. Not Harder.

“Today, Komatsu’s many years of skills and experience in manufacturing engineering have contributed to this unique vision for the improvement of the construction industry, and towards showing customers a new and better way of working on the jobsite.”

Nori Onodera - Smart Construction, Komatsu Ltd



SmartConstruction Applications

Training &
Advice

Terrain
Mapping



GPS
Hardware



intelligent Machine
Control



Jobsite set up



3D Data
Services



Support

DATA - FUEL FOR IMPROVEMENT

Smart Construction lets you remotely gather high accuracy terrain and machine data from anywhere on your job site to give you unprecedented real-time insight and visualization of your worksite's progress. Visible even from your office, jobsite info and performance benchmark data can be shared with all concerned.

Monitor your job site in real time.

“When we combine your long-time experience with our systematic data collection and support services, a great improvement in efficiency, cost and safety is obtained.”

Dirk Legrand - Solution Business, Komatsu Europe



AT A GLANCE

SMART CONSTRUCTION APPLICATION

- VISUALISE, MEASURE AND SHARE JOBSITE STATUS

EVERYDAY DRONE SYSTEM

- MEASURES JOBSITE TERRAIN SIMPLY & QUICKLY

TRACKING SYSTEM

- TRACKS ALL CONSTRUCTION EQUIPMENT

LANDLOG OPEN PLATFORM SYSTEM

- DATA SHARING TO & FROM MULTIPLE SOURCES

ARTIFICIAL INTELLIGENCE SYSTEMS

- WILL ANALYSE ON SITE MACHINE ACTIVITIES

INTELLIGENT MACHINE CONTROL

- OPTIMISED DIGGING AND DOZING





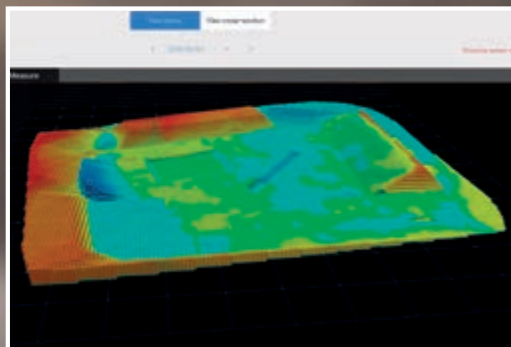
SMART CONSTRUCTION TOOLS

Together with global partners, Komatsu designs and develops multiple Smart Construction tools. The highest quality hardware and applications are proposed as solutions to help you grow your business and improve your margins.



“The conventional survey of a 20,000 m² job site could take up to 3 days. With the Komatsu Everyday Drone solution, a 3D point cloud can be available within 30 minutes.”

Richard Clement -
Solution Business, Komatsu Europe



INTELLIGENT MACHINE CONTROL

Komatsu intelligent Machine Control units are a logic hardware tool to get the best efficiency and cost saving on jobsites. Using 3D data, which can be remotely uploaded, the machine control functionality prevents overdigging and allows the operator to work anytime and on any place on the jobsite in the most accurate way.

Innovative - Integrated - Intelligent

“Intelligent Machine Control is being recognised as a game changer in how job sites are managed. The industry will never be the same again.”

Mal McCoy - Product Manager, Komatsu Europe



intelligent
MACHINE CONTROL



PERSONALIZED ADVISORY SERVICE

Komatsu advisors are a key to the Smart Construction solution. They provide in-depth customer support and will guide you and your team through the complex process of digital transformation of your business processes.

Expert support for added value.

“Komatsu advisors have gained experience on over 7,000 Smart Construction jobsites globally, giving access to a vast collection of benchmark and best practice data.”

Karsten Elles - Solution Business, Komatsu Europe





PROUD TO PERFORM

YOUR COMPETITIVE EDGE **SMARTCONSTRUCTION**

*“A data driven cooperation between our advisors
and our customers is the basis for your digital
jobsite to become safer and more efficient - and for
a drastic profit increase.”*

Thomas Bonvalot - Solution Business, Komatsu Europe



SMART CONSTRUCTION

KOMATSU

Your Komatsu partner:

KOMATSU

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