

# Leica MCH100 & Leica iCON telematics

## Machine monitoring



Leica Geosystems now offers a simple and effective solution for monitoring earthmoving machine activity. Now it is easier than ever to monitor the real-time location and use of any machine on your construction site. Integrated into Leica Geosystems 3D machine control solution or used as a stand-alone unit, the MCH100 makes it possible to monitor machines of any type with a simple installation and no need for calibration or extensive setup.

### KEY BENEFITS LEICA iCON TELEMATICS - UTILISATION MODULE

- Know where machines are working in real time
- Use project schedules to easily identify costly downtime
- Monitor overtime and off-schedule machine activity
- Compare performance across projects, regions or custom groupings
- Analytics visualised in modern and intuitive user interface
- Accessible from any internet connected device

### KEY BENEFITS OF LEICA MCH100

- Real-time machine location reporting
- Measure and remotely monitor machine activity
- Stand-alone or wireless integration with iCON 3D machine control
- Simple and non-invasive installation with no calibration necessary
- Rugged design suited to earthmoving environment
- Wireless network connectivity for any machine type
- 2G/3G/4G Cellular or Wi-Fi network support



## Machine utilisation monitoring

Excessive downtime, overtime and poor allocation of resources are all threats to keeping an earthmoving project on track and within budget. Understanding where machines are and how effectively they are being used is critical for the modern job site to reduce cost and maintain your competitive advantage.

iCON telematics now offers a solution that makes it easier than ever to measure and monitor key performance indicators of all earthmoving equipment on your projects, helping your organisation deliver on time and within budget.



## MACHINE UTILISATION ANALYSIS

- Create custom schedules for each project to closely monitor if machines are being used according to plan
- Intuitive graphs to visualise excessive downtime, overtime and daily, weekly or monthly utilisation trends
- Compare projects, machines types or customised groupings

## MACHINE LOCATION MONITORING

- Remotely monitor the real-time location of all of your machines
- Always know how machines are distributed across projects, where and when they are working

## INTELLIGENT MACHINE CONNECTIVITY

- Connect machines of any manufacturer or type
- Option to communicate wireless data over 2G/3G/4G cellular or Wi-Fi networks
- Wireless integration to Leica Geosystems iCON 3D machine control solution for enhanced connectivity

Illustrations, descriptions and technical data are not binding. All rights reserved.  
 Printed in Switzerland - Copyright Leica Geosystems AG, Heerbrugg, Switzerland, 2016.  
 846613en - 04.16



Leica iCON gps 80 data sheet



Leica iCON robot 60 data sheet



Leica iCON telematics flyer



Machine Control Solutions

Leica Geosystems AG  
[www.leica-geosystems.com](http://www.leica-geosystems.com)



- when it has to be **right**

**Leica**  
 Geosystems