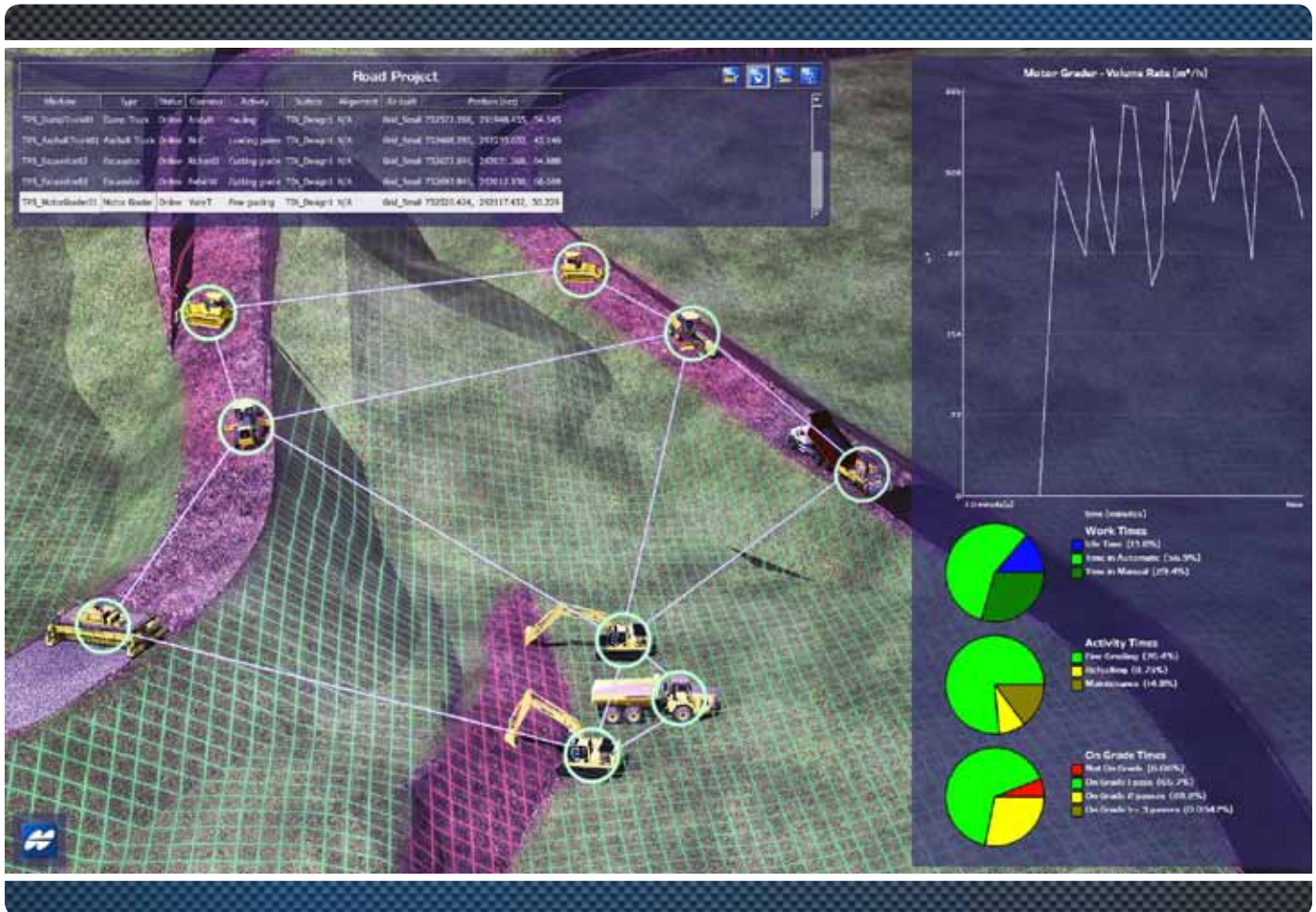# Sitelink 3D™

TOPCON

Total Job Site Management System

- Communication and Management System for All Machines on All Job Sites
- File Transfer and Messaging
- Real Time Job Site Updates
- Remote Access and Support
- Machine Tracking

Sitelink 3D™ Total Job Site Management System

Connect your world!

Sitelink 3D is a complete site communication system providing data control, machine tracking and a reporting system in one solution. With Sitelink 3D, Topcon expands its highly advanced machine control systems to include remote machine support, electronic job file transfer and real-time project management information.

Manage all your job sites wherever you are

See all your equipment on all your job sites in real time. Stay connected from your laptop, office desktop or even with your mobile device.

Total connectivity

With Sitelink 3D you don't have to drive out to the job site to deliver change orders or new job files. Now just send them directly to the machines using the electronic data transfer option.

Remote connect to any equipment within Sitelink 3D to see real-time progress on site and manage machine up-time and optimize usage.

On-site surveyors are also able to connect to Sitelink 3D. Pocket-3D can be linked to the same job site, send and receive data files. Each topo shot can be visualized real-time in the office.

When machine operators need help or assistance, they need answers as fast as possible. To limit down-time on your machine use Sitelink 3D remote support to answer questions, solve operators problems instantly or even upgrade software and firmware on your equipment.

File transfer
- Send site files
- Receive site files
- File traffic registration

Messaging
- Instant operator messaging
- Site group messaging
- Embedded in operator's interface

Remote Access
- Assist operators
- Increase operator confidence
- Online operator training

Remote Support
- Online machine support
- Firmware update remotely
- Software update remotely

Tracking
- In office: machine location overview
- In machine: other machines on screen
- Real-time cut/fill mapping
- Real-time surveying data

Pocket-3D

With Pocket-3D, one person can control grade for multiple machines over the entire project, as well as calculating productivity by the month, the week, or day-by-day. You can access the info you need from any location, giving you tighter control so you can maximize your investment and be more accurate in your bids. Pocket-3D is the industry's easiest grade management system.

The field controller runs Pocket-3D software that connects to any Topcon GNSS or robotic total station. Collect point, lines, descriptions and stakeout design work as well as grade checking machine control systems. Also communicate with others in your Sitelink 3D job site.

![TOPCON]

Connect your world - Sitelink 3D™

All job data, production data, communication to and from the office, machines and surveyors - Sitelink 3D offers you complete site management power.

1 Web Portal Access   **2** Sitelink 3D Interface   **3** Machines   **4** Surveyors

Sitelink 3D Office and Mobile Devices

Sitelink 3D is integrated into Topcon's 3D Machine Control systems and can be accessed anywhere in the world. You can connect to your job site using Topcon's 3D office or any mobile device in real time, all the time!

SL-100 Kit Components

- SL-100 Control Box
- MC-R3 Ethernet Cable
- MC-R3 Power Cable
- SL-23 Antenna
- Manuals
- Deutsch Connector*
- Deutsch Connector Boot*

  * Optional for Excavators

TOPCON

SL-100

The rugged SL-100 box houses the SL-R3 Sitelink 3D radio modem. It easily connects to the onboard Topcon 3D-MC system to give the equipment and operator full connectivity to the customer's entire Sitelink 3D network.

Features include:

- Compact, construction-tough communications gateway
- Sitelink 3D job site connectivity
- WiFi access point functionality
- *Bluetooth*® connectivity

General

Supply Voltage	9-32VDC
Housing	Cast Aluminum
Dimensions	164 x 160 x 64mm
Weight	2.2lbs (1kg.)
Operating Temperature	-30ºC to +70ºC
Dust/Water Protection	IP67

Ports

RS-232

10/100 Ethernet Port

CANOpen® Port (50Kbps to 1Mbps)

CAN J1939 Port (50Kbps to 1Mbps)

Communications

GMS/GPRS 850/900/1800/1900 Mhz

HSxPA 850/1900/2100 MHz

Mesh Networking 802.11s at 400mW (100mW in Europe)

802.11b Access Point with 64bit WP encryption

Bluetooth® Class II

Connectors

Deutsch DTM06 12 pin - Power, Ground, Serial

Deutsch DTM06 12 pin - Ethernet, CAN

RP-TNC - Cellular/Mesh radio antenna

TNC - GNSS or LPS antennas

For more specification information:
www.topconpositioning.com/sitelink3d

TOPCON'S ADVANCED TECHNOLOGIES

Machine Control

Topcon's line of advanced machine automation technologies.

3D-MC² Dozer

Traditional finish grading with a dozer took multiple passes at slower speeds. Existing 3D-GPS machine control allowed operators to double their production. 3D-MC² uses revolutionary technology to reach an unbelievable new level of performance: four times faster than a standard dozer, two times faster than any 3D dozer! One dozer doing the work of two 3D dozers; think of the money you will save.

X-63 Excavator

X-63 combines the advantages of our industry leading GNSS technology together with our industry standard operator interface.

Topcon's X-63 consists of two GNSS antennas, four 360° tilt sensors that measure the angles between the cab, boom, stick and bucket, a GNSS receiver and Topcon's GX-60 color, touch screen control box.

MAGNET™ Solutions

MAGNET Field Site, MAGNET Office Site, and MAGNET Enterprise connect the field with the office. Design files for stakeout or 3D-MC files for machine control can be exchanged through the MAGNET solution. MAGNET Field Site also connects to Sitelink 3D. Communicate with others logged into your job site within MAGNET solutions.

TOPCON

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Your local Authorized Topcon dealer is: