

Trimble Lifting Solutions

Jean-Charles Delplace PhD
Business Development Manager

The future of crane within
the connected site





Innovative Wireless & Cable-Based Solutions

for the Crane & Lifting industry

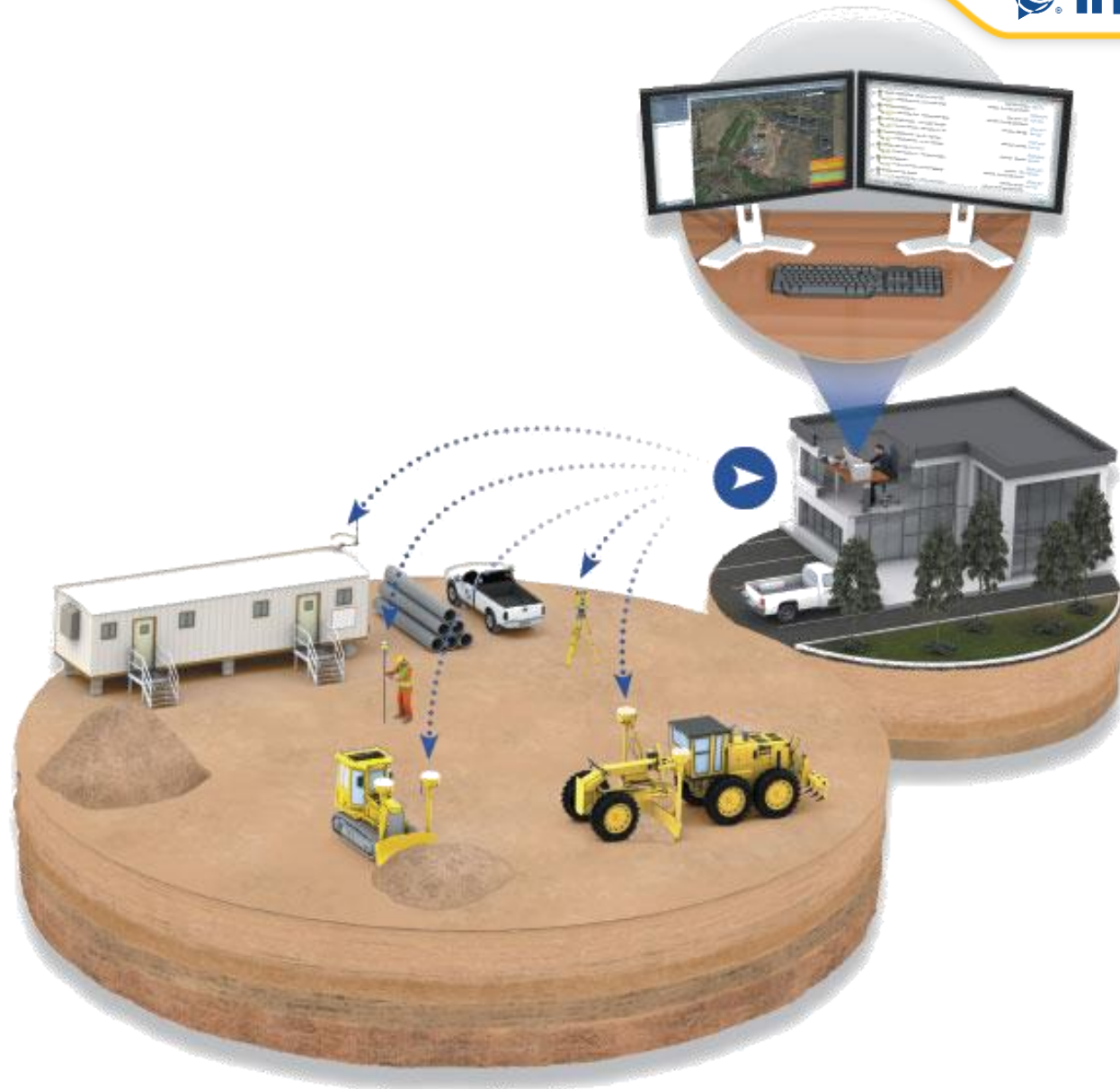


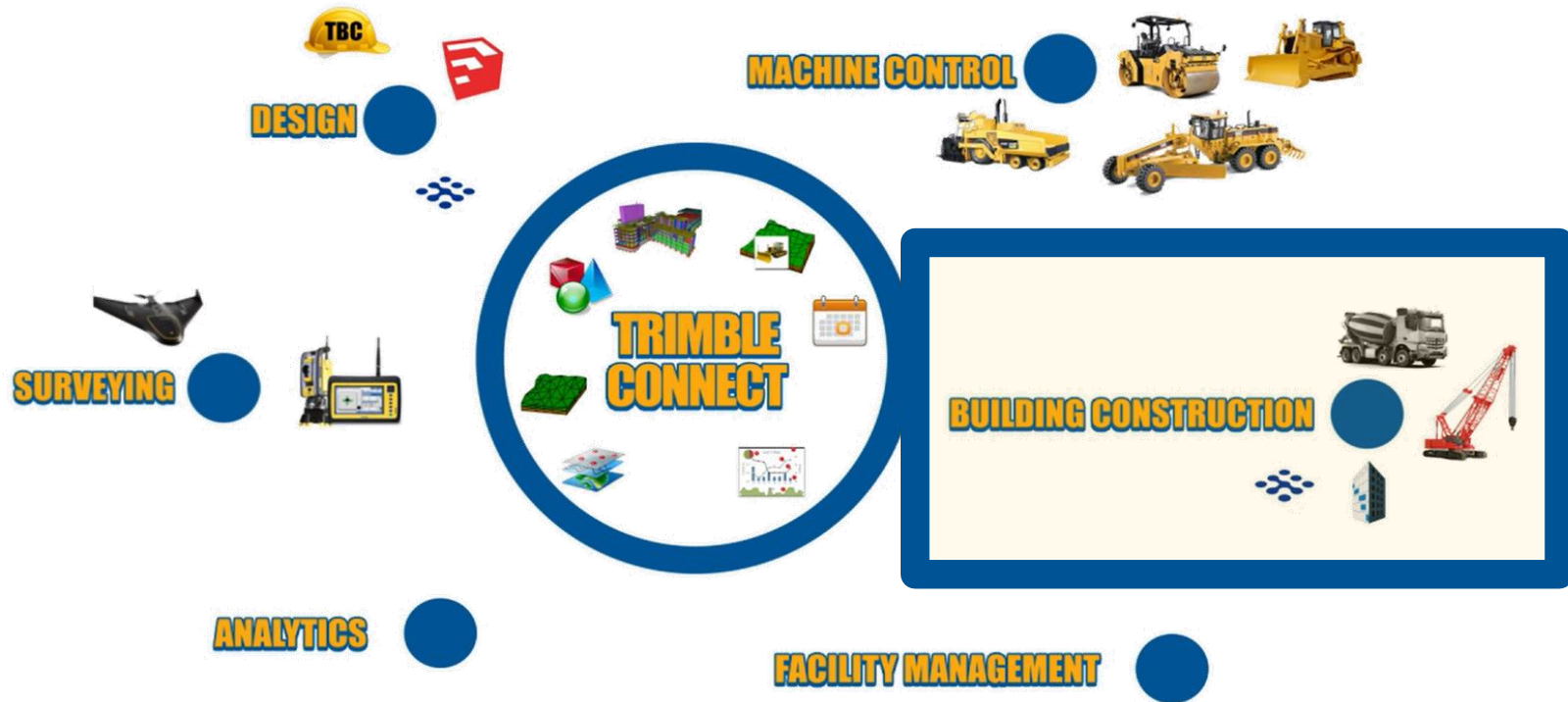
A TRIMBLE COMPANY

www.lsirobway.com | www.loadsystems.com

**What is the future of
cranes within the
connected site?**

**What is a
connected site?**







TECHNICAL CONTENT



CONSTRUCTION LAYOUT

FIELD LINK

VICO OFFICE

TEKLA STRUCTURES

SKETCHUP PRO

**PROJECT & PROGRAM
MANAGEMENT**

PROLOG

CONSTRUCTJOB

PROLIANCE

VICO OFFICE

ESTIMATING

GC ESTIMATOR SUITE

VICO OFFICE

WINEST

ACCUBID

MODELOGIX

AUTOBID

DESIGN & DETAILING

SKETCHUP PRO

TEKLA STRUCTURES

VICO OFFICE

TEKLA BIMSIGHT

DUCTDESIGNER 3D

PIPEDESIGNER 3D

TEDDS

SERVICE & ASSET MANAGEMENT

ACCUBID

ALLTRACK

FABRICATION

VULCAN

TEKLA STRUCTURES

FIELD FITTING INPUT

FIELD SOLUTIONS

FIELD LINK

MEP

TRIMBLE FIELD POINTS

3D LASER SCANNING

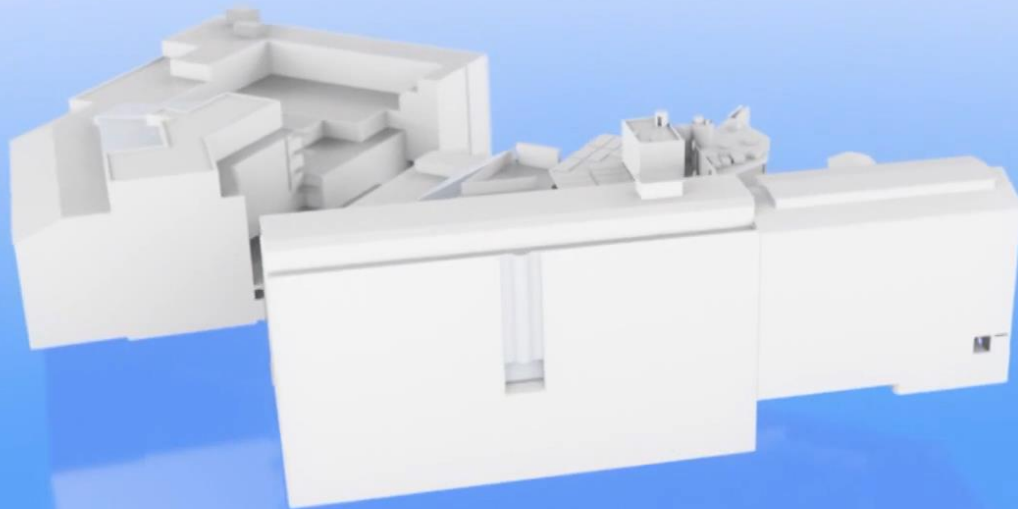
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REAL WORKS



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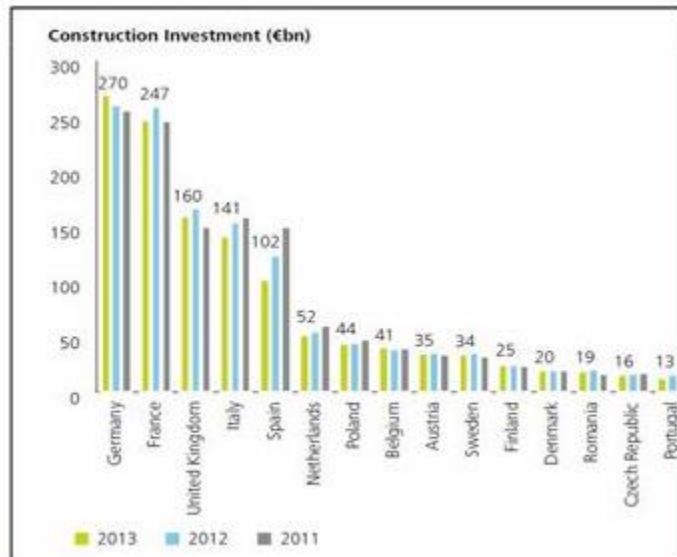






Situation in Europe regarding BIM

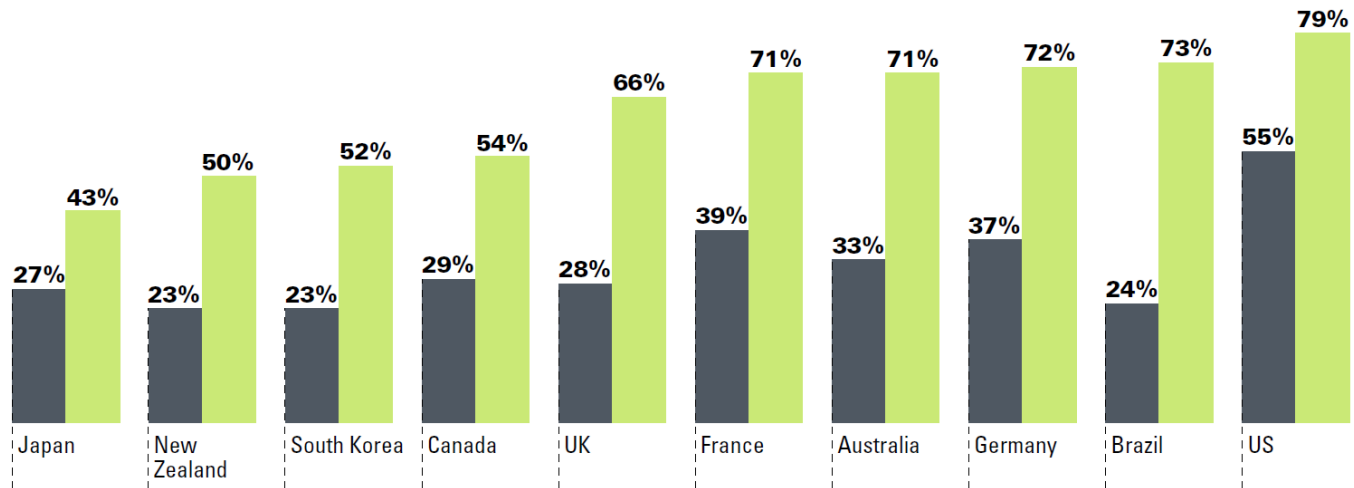
- ❖ EU Procurement Directive (2014)
 - “For public works contracts and design contests, Member States may require the use of specific **electronic tools**, such as **building information electronic modelling tools** or similar”.
- ❖ EU top3 players are in the process of launching BIM strategies



Percentage of Contractors at High/Very High BIM Implementation Levels (By Country)

Source: McGraw Hill Construction, 2013

■ 2013 ■ 2015



**Why would BIM
impact my
business?**

**What is the future of
cranes within the
connected site?**

The key features for future crane connectivity

- **Safety** - Ability to work safely in (very) close proximity
 - ▶ Anti-Collision (P.I.D)
- **Synchronization** - Ability to operate in as planned
 - ▶ Planning tools, shared schedule, realtime logistic
- **Reliability** - Ability to eliminate the risks of breakdown
 - ▶ Preventive maintenace and crane usage monitoring
- **Weather** - Ability to manage the environmental effects
 - ▶ Anticipated wind effects and integrated wheather forecast

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Q&A