CR2393: Who Says You Can’t Interact with Super Models?

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Autodesk BIM 360 Services Manager
What is BIM 360?
Revolu3onizing project delivery from pre-construction through handover.

BIM 360

Glue

Layout

Field

…
Cool...

What is BIM 360 Field?
**Key Technologies:**
- Cloud Computing
- Unlimited Users & Files
- Mobility (Also disconnected)
- iPad
- Smartphones
- Web Access
- Anyone with Internet-Access Can Use System

**What We Do:**
- Quality Programs
- Safety Programs
- Documents to the field
- Commissioning & Handover: Field BIM®

**How We Do It:**
- Online & Mobile Document Library with Mark-up
- Checklists with Company-wide Templates
- Issues & Tasks for Work to Complete, Punch & More
- Operations & Analytical Reporting

**Field BIM™**
BIM 360 Field Components

**Web**
- Web-based-accessible on any device
- Available to contractor, subcontractors, owners, architects

**Reports**
- Web-based-Accessible on any device
- Real-time data – dashboards & email with drill-down capabilities

**Mobile**
- iPad application, phone – and email
- Syncs with BIM 360 Field Web data
- NO connectivity required

**Field BIM**
- Models to the Field
- Interact with model at point-of-construction
- Supports iPad viewing of BIM models & object data online
On the job-site...

Internet (Wireless or wired)

Superintendents, Quality, Safety, Others

Project Managers/Project Engineers

Owner

Architect & Engineer

Trades & Subcontractors (Field)

Trades & Subcontractors Office

Project Executives

Autodesk BIM 360 Field
“This looks wrong, I’ll take a photo and email it into Field to put on a work list.”

“I need to complete this structural steel QA/QC checklist today.”

“I am going to log this safety issue…”

“What size should it be? Let me look at the document in Field.”

Send in an issue via email
“I’ve completed these issues, let me mark them off for re-inspection.”

“I want to comment on an issue or respond to a question.”

“What do I need to focus on today?”
Project Manager: “Which subcontractors do I need to focus on this week for quality, safety or other issues?”

Project Engineer: “I’m going to get the most recent set of issues out to all the subs.”
“Which teams and trades are performing the best?”

“How can I drive quality best practices to improve profitability and reduce risk?”

Reports
“When do I need to go back out to the jobsite to re-inspect?”

“Why is the installed ductwork not in line with the spec?”

“Time to record the commissioning information for these systems and equipment.”
"Today I’m going into the field to complete an owner walkthrough punchlist."

"Are my projects on track?"

"Is the quality up to my standards?"
Makes sense, why do you I care?
I get it... show me how I can interact with super models already!
Scan a barcode to look up equipment
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### Checklists

#### Condenser Water Pump - Electrical And Controls (6)
- 15 items
- Last Run: 04/24/2012 10:38 AM

#### Condenser Water Pump - Electrical And Controls (2)
- 13 items
- Last Run: 04/18/2012 6:32 PM

#### Functional Test: Horizontal Pumps (3)
- 41 items
- Last Run: 03/27/2012 10:54 AM

#### Functional Test: Variable Pumps (2)
- 106 items
- Last Run: 04/02/2012 3:10 PM

#### Pipes & Pipe Fittings Inspection (0)
- 13 items
BIM 360 Field --> BIM
Status Visualization