Exploring Emerging Technologies

Lee Rodrigue, Big D Metalworks
Primary topics:

• 3-D Printing
• Going Paperless
• Bluebeam Tips
“Electronic record” – document, Document, DOCUMENT!

The process determines the best medium

“Paper is instant-on, has infinite battery life, has non-volatile memory, and is thin and lightweight. The only downside is the low refresh rate.”
Paperless Pro-tips

- Select one process at a time
- Integrate with existing processes
- Choose WORST process first (for morale)
- Use digital versions of existing paper
- Offer access from multiple platforms
Paperless applications

Safety/Health
Measurement (AR)
Remote Monitoring
Estimating
Drawing/Document Management
Timesheet Entry
Field/Shop/Office Communication
Invoicing/Billing
Mobile Apps

1. Safety/Health
   A. Red Cross First Aid
   B. Fall Safety Pro
   C. Safety-Reports.com
   D. iHandy Translator

2. Measurement
   A. AR measurement apps
   B. MagicPlan
   C. MyMeasures
   D. Leica Disto Sketch
   E. SR Lite
Mobile Apps

1. Remote Monitoring
   A. TrueLook
   B. Reconstruct
   C. ProBuild (all-in-one)

2. Estimating
   A. Jobwalk Construction Tracking
   B. Contractor Tools
   C. ProBuild
   D. Contractor Foreman (all-in-one)
   E. Fulcrum (all-in-one)
   F. Joist
   G. DEWALT Mobile Pro
Mobile Apps

1. Drawing/Document Management
   A. Dropbox
   B. OneDrive
   C. BIM360/AutoCAD
   D. PlanGrid
   E. FieldWire (all-in-one)
   F. Bluebeam

Timesheet Entry
   A. Tsheets
   B. Fulcrum
   C. ProBuild
Mobile Apps

1. Field/Shop/Office Communication
   A. Fulcrum
   B. SiteReport Pro
   C. PunchList
   D. Snag List
   E. StructionSite
   F. Solocator

2. Invoicing/Billing
   A. Probuild
   B. Joist
   C. InvoiceSimple
   D. Quickbooks Suite
Q&A

EMAIL: lrodrigue@bigdmetal.com

MORE: https://www.nomma.org/page/NEF
Mobile apps names & websites:

SAFETY
Red Cross First Aid: https://www.redcross.org/get-help/how-to-prepare-for-emergencies/mobile-apps.html
Fall Safety Pro: https://www.fallsafetyapp.com/
Safety-Reports.com: https://www.safety-reports.com/
IHandy Translator Pro: https://apps.apple.com/us/app/ihandy-translator-pro/id402422247

MEASUREMENT
MagicPlan: https://www.magicplan.app/en/
My Measures Pro: http://www.mymeasuresapp.com/
SR Lite: https://apps.apple.com/us/app/stockpiles-lite/id1234305661

REMOTE MONITORING
TrueLook: https://www.truelook.com/mobile-app/
Reconstruct: https://www.reconstructinc.com/
ProBuild: https://probuild.app/

ESTIMATING
Jobwalk: https://www.holobuilder.com/jobwalk/
ContractorTools: https://contractortools.com/
ProBuild: https://probuild.app/
ContractorForeman: https://contractorforeman.com/
Fulcrum: https://www.fulcrumapp.com/industries/construction/
Joist: https://www.joist.com/
Dewalt Mobile Pro: http://dewalt.cengage.com/MobilePro/

Mobile apps names & websites (continued):

DRAWINGS/DOCUMENTS
Dropbox: https://www.dropbox.com/
OneDrive: https://products.office.com/en-us/onedrive-for-business/online-cloud-storage
AutoCAD Mobile: https://www.autodesk.com/products/autocad-mobile/overview
PlanGrid: https://www.plangrid.com/
FieldWire: https://www.fieldwire.com/
Bluebeam: https://www.bluebeam.com/

TIMESHEETS
TSheets: https://www.tsheets.com/
Fulcrum: https://www.fulcrumapp.com/industries/construction/
ProBuild: https://probuild.app/

COMMUNICATION
Fulcrum: https://www.fulcrumapp.com/industries/construction/
Site Report Pro: https://www.sitereportpro.co.uk/
PunchList: https://www.punchlist.net/
Snag-App: https://snag-app.com/
StructionSite: https://www.structionsite.com/
Solocator: https://solocator.com/

INVOICING/BILLING
ProBuild: https://probuild.app/
Joist: https://www.joist.com/
Invoice Simple: https://www.invoice-simple.com/
Quickbooks: https://quickbooks.intuit.com/