Agenda
USIBD Cornerstone Report

• Introduction
• USIBD & Technology Committee
• What is the Cornerstone Report
• CSR 11 Reality Capture Hardware
• Q&A
Technology Committee

Leadership Team

Kelly Cone
VP of Product Management
ClearEdge3D

Josh DeStefano
Southwest VDC Director
DPR Construction
...provides research, leadership, and vision applicable to technologies within the Building Documentation (BD) industry. It recognizes methods and tools, and forecasts the potential impact of new technology.
Technology Committee

Projects

• Focus Report – sponsored BD focus group surveys
• Emerging Technology Spotlight – BD tech news
• Cornerstone Report – market research

Today’s topic
What is the Cornerstone Report
Objective market research concentrated on Building Documentation technologies.

- State of Industry
- Hardware
- Software
- Standards
The Cornerstone Report
USIBD Technology Committee

The WHY behind the CSR...

• Unbiased assessment
• Identify industry needs
• Source of industry information
• Trendspotting
• USIBD Awareness
The Cornerstone Report
the process

Survey Topic

Present & Discuss

Create Survey

Review & Report

Kick-off, Promote, & Track
#11
CSR #11 Reality Capture Hardware
August 2018
CSR No. 11
How much is new

PREVIOUS

NEW FOR #11

80%
What is new

• Additional hardware categories
• Deeper dive in each category
• Skip Logic
new Reality Capture hardware categories

- Mobile Laser Scanners
- UAVs / Drones
- 360 photos
- Site Cameras
CSR No. 11
What is new

• Most in depth CSR survey
• Most CSR survey responses EVER
  (Previous record set by CSR #10)
CSR No. 11
Report enhancements

• Demographics analysis
• Previous report comparison
• Graphs & charts
CSR No. 11
Key Findings and Insights

Most used hardware:
1. Stationary laser scanners
2. 360 cameras
3. UAVs
4. Mobile laser scanners
5. Fixed site cameras
Previously dominated by surveyors and service providers, this time more contractors than all other disciplines combined.
• Primarily large companies
• Technology and Project Managers
• All regions well represented, but SE provided more responses
CSR No. 11
Key Findings – Stationary Laser Scanners

- Most own 2 scanners, others own 1 or 3-5
- Few are renting laser scanners
- Interesting brand preferences
  - Contractors – Leica & Trimble
  - Surveyors – Faro & Leica
- Over 70% report positive ROI
CSR No. 11
Key Findings – Mobile Laser Scanners

• Low adoption, few own
• Same top brands as stationary LS
• Accuracy & speed top factors
• Emerging technology
CSR No. 11
Key Findings – Unmanned Aerial Vehicles

• Most own a few or more than 20
• DJI is dominating the market
• Almost never renting
• Upgrading often
• Safety features top priority
CSR No. 11
Key Findings – 360 Cameras

- Quick adoption (60%)
- 15% own over 20 cameras
- Ricoh (Theta) dominates
- 87% report ROI
CSR No. 11
Key Findings – Fixed Site Cameras

- Surprisingly low usage (33%)
- Used most by contractors
- OxBlue leads the market
- Most rent vs own
- Most report ROI (72%)
Thank You!

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