



Collaboration, Sharing & Distribution

Price based on # of scans

In blue: features due for release in 2020

Admin

- Dashboard, Users list, Activities and Calendar
- Add co-Admins & Project Managers
- Define custom roles and permissions
- Manage groups of users
- SSO support (additional implementation fee required)

Create Projects

- Choice of Automatic Cloud Hosting with CDN or selection of region and provider (AWS or Microsoft Azure)
- Choice of private data center (additional implementation fee required)

Manage Scan Projects

- Map, Thumbnails, List
- Search
- Versioning

Collaborate

- Invite Users & Team members to each project
- Manage access & sharing rights

Upload Scans

- Upload structured scan projects in RCP, e57, FLS or LSPROJ format
- Support of intensity

Upload CAD Models

- Upload BIM models in IFC format
- [Upload CAD models in STEP format](#)

View

- Supports Google Chrome, Microsoft Edge (V79 or higher) and Mozilla Firefox
- Data, 2D Overview Map, 3D View
- Data: Thumbnails or list, with high-res panoramic picture display, scan information and scan-specific URL
- 3D View: Display scan data in Scan Mode or 3D Navigation Mode, in 3D RGB, 3D X-Ray, 3D Surface, 3D Height or 2D Panoramic Images (Scan Mode only)
- 2D Overview Map: Display scan data in orthographic mode from any of the 6 axes, in 3D RGB, 3D X-Ray, 3D Surface or 3D Height
- Display BIM models in 3D RGB, 3D X-Ray or 3D Height

Organize Scan & BIM/CAD Projects

- Create as many Work Zones and sub-Work Zones as necessary
- Assign scans or BIM/CAD models to each Work Zone or sub-Work Zone
- Manage team member access to Work Zones or sub-Work Zones

Cropping Tools

- Crop in X, Y, or Z axis from Overview Map or 3D view
- Rotate crop to screen in Overview Map
- Save & edit unlimited crops

Annotations

- Annotate as notes, private notes or issues
- Add text, photo, video, URL, PDF to the annotations
- Assign private notes and issues to team members



Measurements

- Set unit system as metric, US or international Imperial with precision of measurement
- Add linear measurements in 3D View (Scan Mode or 3D Navigation Mode)

Play Sequence

- Play capture sequence via the timeline

Reports

- Generate Measurement & Annotation reports in PDF
- Create screenshots

Distribute Scans via the Cloud

- Select a project, a Work Zone or a crop for download
- Download and export scan data as point cloud in structured e57 for projects or Work Zones
- Download and export scan data as point cloud in Unified RCP / RCS for crops

Download Unified 3D Meshes

- Download the Unified 3D Meshes in OBJ, FBX and STL format (requires a creation step as a Web Service)

Shared 3D viewer

- Share Cintoo Cloud viewer via URL or email
- Display high-resolution Scan data + BIM/CAD models in Google Chrome or Mozilla Firefox
- 3D View: Display scan data in Scan Mode or 3D Navigation Mode, in 3D RGB, 3D X-Ray, 3D Surface, 3D Height or 2D Panoramic Images (Scan Mode only)
- Add QR code
- Add company logo
- Set time limits and passwords
- Share metadata (measurements, annotations)

VR streaming

- Stream high-resolution Scan data + BIM/CAD models in stereoscopic mode using Mozilla Firefox
- Connect to Oculus Rift, Oculus Rift S or HTC Vive Pro
- Navigate from Scan to Scan positions
- Display in Scan Mode in 3D RGB, 3D X-Ray or 3D Surface mode
- Make point to point measurements or distance measurements

Tablet Viewer

- Support of Windows, IOS or Android tablets
- Project and Work Zone Selection
- Scan mode or 3D Navigation
- Display modes: RGB, Surface, 2D Pano
- Tools: Measure, Annotate



Visual Analysis

Price based on the # of projects and their duration

In blue: features due for release in 2020

BIM 360 Interoperability

- Push RVT, NWD, NWC, 3D DWG, IFC, 2D DWG from BIM 360 to Cintoo Cloud
- Select transformation to be applied to the Revit model (Shared Coordinates or Origin to Origin)
- Push issues from Cintoo Cloud to BIM 360

Align Scan & BIM

- Align Scan to BIM/CAD or BIM/CAD to Scan
- Export the alignment to Revit and Navisworks

Compare Scan data & BIM/CAD Model (Scan vs. BIM/CAD)

- Overlay the BIM/CAD model to the scan
- Compare using the Visual Difference and Visual Check tools
- Generate heat map based on tolerance input

Compare Scan versions (Scan vs. Scan)

- Display scan versions using the timeline
- Align Scan to Scan
- Compare using the Visual Difference and Visual Check tools
- Generate heat map based on tolerance input

Issue Tracking

- Export issues in BCF Format
- Interoperability with BIM Track

VR Streaming (Scan & BIM/CAD)

- Same as CSD
- Make Scan / BIM comparisons

Web Services

Pricing TBD

In blue: features due for release in 2020

Unified 3D Mesh Creation (BETA)

- Create Unified 3D Meshes with photo-texture from crops
- From up to 100 scans
- Select density starting at 0.5 mm
- Select format (OBJ, FBX, STL)

Floor Flatness and Levelness Report

- Generate a report as per ASTM e1155 standards

Horizontal, Vertical and Profile Report

- All the tools to analyze and quantify the horizontality or verticality of any area
- All the tools to analyze profiles and measure slopes