

Bluebeam Revu & Anthropic Claude Setup/Usage Guide - DDSCAD

A.) Installing Claude:

1. Type <https://claude.com/download> into the address bar.
2. Select your device's operating system (Windows in this example).
3. Follow the prompts and ensure that you allow for admin rights and know the admin password when prompted.
4. Use this guide to create an account, etc.: <https://support.claude.com/en/articles/10065433-install-claude-desktop>.

B.) Installing Bluebeam Revu:

1. Type <https://www.bluebeam.com/download> into the address bar.
2. Select "Download for Desktop" under the "Bluebeam Revu" box in the middle of the page.
3. Ensure that all other programs are closed prior to installing Revu. This includes web browsers and Windows Explorer.
5. Follow the prompts and ensure that you allow for admin rights and know the admin password when prompted.
6. Claude is only compatible with Revu 21 Max. If you wanted to download an older version of Revu, you can scroll down until you see "Need an older version of Revu?"
7. Click on the "Select a version" drop-down and choose a version of Revu 21. Revu 20 is currently available to use as a trial, but it's not compatible with Claude.

C.) How to connect Claude to Revu:

1. In Bluebeam Revu, Click the "Revu" drop-down on the upper-left. Select "Preferences".
2. Select "Admin" on the left. Click on "MCP" at the top-right. Ensure that "MCP Enabled" and "Claude for Windows" are both turned on.
3. In the Claude Desktop App, select "Customize" under the "Chat, Cowork, or Code" tabs on the top-left. (We can also select the "Three Horizontal Lines" symbol on the top-left, mouse-over "File", and select "Settings". Then, select "Connectors". We can then select "Customize").
4. Select "Connectors" on the left and see if Bluebeam is detected under "Desktop". If not, select the "Plus" sign and search for it. (If it's not in the list, select the "Arrow facing to the left" of "Customize" on the top-left side. Select the "Three Horizontal Lines" symbol on the top-left, mouse-over "Help", mouse-over "Troubleshooting", and select "Clear Cache and Restart").

D.) Claude's capabilities with Bluebeam Revu:

1. **Markups**

- a) Search & create Markups with text — Find text in a PDF and automatically apply Highlights, Strikeouts, Underlines, Squiggles, and Redact markups to every match.
- b) Edit Markup properties — Change the Author, Subject, Comment, Color (Line/Fill/Text), Opacity, Rotation, Line Width, Line Style (Solid, Dashed, Cloudy), Layer Assignment, and Measurement Labels on any existing Markup.

- c) Change Markup review states — Update the Status of a Markup within any state model (Accepted, Rejected, Completed, etc.).
- d) Get Markup state history — Retrieve the full history of state changes for any Markup.
- e) Generate Markup Thumbnails — Create a PNG image of a specific Markup.

2. Redaction

- a) Mark Text for Redaction — Search for sensitive text and apply Redact Markups with or without overlay text (e.g., FOIA codes) and repeat settings.
- b) Apply Redactions — Permanently burn all pending Redact markups into the PDF across any page range.

3. Colors

- a) Analyze colors — List all colors used in the underlying PDF content across any page range.
- b) Modify colors — Swap specific colors throughout the PDF (For example, change all red lines to blue).

4. Bookmark Trees

— Build a fully-nested bookmark structure with custom titles, colors, text styles (Bold/Italic), and destinations (Page, zoom type, and coordinates).

5. Stamps

— Place a stamp anywhere on the PDF with control over its position, offset, rotation, scale, opacity, blend mode, and lock status.

6. Page Settings

- a) Set Page Labels — Assign custom numbering styles (Decimal, Roman numerals, and letters) and explicit labels to any page range.
- b) Set Page Scales — Define measurement scales (For example, ¼ in = 1 ft) for any page range. This supports a wide range of units.

7. Reading & Inspection

- a) Extract Text — Pull raw text content from any page range.
- b) Get page info — Retrieve dimensions, rotation, scales, and labels for every page.
- c) Get page count — Return the total number of pages in the PDF.
- d) List all Markups — Query markups by page with any combination of properties and with optional keyword filtering.
- e) List all State Models — See all available review/status models in the PDF.

8. Studio (Cloud Collaboration)

- a) List Studio Projects — See all Bluebeam Studio Projects we have access to.
- b) List Studio Sessions — See all active Studio Sessions we have access to.

E.) Claude's limitations with Revu:

1. Markups

- a) Create new markups from scratch (Arrows, clouds, text boxes, dimensions, callouts, etc.) Claude can only add markups via search results.
- b) Delete or move existing markups.
- c) Group or ungroup markups.
- d) Change markup shape, geometry, or vertex positions.

2. **Pages**
 - a) Add, delete, rotate, reorder, and crop pages.
 - b) Import and Insert Pages from another PDF.
3. **Layers** — Create, rename, delete, show, and hide layers. Claude can *assign* a markup to an existing layer but cannot manage layers.
4. **Stamps** — Create stamp files. Claude can only apply stamps that already exist on disk.
5. **Bookmarks** — Edit or delete existing bookmarks. Claude can only replace the entire bookmark tree.
6. **Forms & Fields** — Read, fill, create, and modify form fields.
7. **Spaces** — Create, edit, and delete Spaces.
8. **Measurements & Quantities** — Trigger takeoffs, recalculate measurements, and interact with the Measurements panel.
9. **Studio**
 - a) Create, join, modify, and delete Studio Projects and Sessions. Claude can only list ones that already exist.
 - b) Upload and download files to and from Studio.
10. **File Management**
 - a) Save, save-as, print, export, and closing files.
 - b) Open files from URLs and cloud storages (only local file paths).
11. **Settings & Configuration** — Change Revu's Settings, Toolsets, and Profiles.

- | - |

For additional information and support, please email Digital Drafting Systems at info@ddscad.com and call us at 305-445-6480.