

# On-Screen Takeoff v3.98.08 (2023.02.0 - OST)

## February 2023

3.98.08 is a feature release that includes integration with ConstructConnect's revolutionary **Takeoff Boost** service that scans your floorplans and produces Conditions and associated takeoff for several building objects.

### What's New & Improved

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# Features

## Takeoff Boost

### What is Takeoff Boost?

Takeoff Boost for On-Screen Takeoff uses artificial intelligence (AI) to enhance productivity, improve accuracy, and streamline workflows for General and Trade Contractors. Takeoff Boost is a revolutionary service, integrated into On-Screen Takeoff, that allows an estimator to get a preliminary scope of work on a takeoff project. In seconds, Takeoff Boost analyzes a plan and then creates Conditions and takeoff to account for:

- Boost Footprint area
  - Footprint Area (Horizontal area outline of a building, drawn along the outside edge of the exterior wall)
- Boost Gross Area
  - Gross Area (Horizontal area drawn along the centerline of any interior walls and/or outside edge of any exterior walls)
- Boost Net Area (less walls)
  - Net Area (Horizontal area drawn along the inside edge of surrounding walls)
- Boost Walls (linear)
  - Lines (straight segments)
- Counts
  - Such as Furniture, Doors, Toilets, Sinks, etc.

## Takeoff Boost Requirements

To use Takeoff Boost, you'll need a few things:

- You must activate a valid takeoff license (OST), see [Licensing On-Screen Takeoff](#) for more information.
- Your takeoff license must be under a current maintenance subscription; please contact [Customer Success](#) to renew your maintenance if you have allowed your maintenance subscription to lapse.
- You must have a current Boost service subscription with an activation key (this is separate from your takeoff license). If you do not have a Takeoff Boost subscription, contact:
  - Customer Success at 866-627-6246

In addition to proper licensing, your Project/Bid must:

- Your project must not be set to a "Locked" Job Status (see [Masters: Job Statuses](#) for more information).
- Your Project cannot be open (locked) by another user (if you are using a [shared \(SQL\) database](#)).
- You must have permissions to add takeoff to the Project (if your company uses logins to open the database - see [Securing Your Databases \(using Access Levels...\)](#))
- The Page must be scaled using Architectural or Metric scale types, see [What is Scale](#) for more information. (Civil is not supported at this time.) Also, Takeoff Boost works on floor plans, enlarged floor plans, reflected ceiling plans, and multi-floor plans only. Elevations, details, etc. are not supported yet.

- The Page must be linked to a single-page PDF file (this is just for our first release of Takeoff Boost; we plan on supporting multi-page PDFs and other file types in the near future).
- Important, you can print non-PDF image files to PDF, but be sure you print them to full-size (Architectural size “D” or “E”, usually). Do not print them to 8.5x11 or any other non-Architectural size – they will not be high enough resolution to work properly with the Takeoff Boost service and may create inaccurate results.

To connect to the Takeoff Boost service:

- You must have an active, high-speed internet connection.
- Your Firewall must be configured to allow On-Screen Takeoff to connect to the Takeoff Boost service (see [Configuring Your Firewall](#) for details on configuring your connection to support Takeoff Boost).

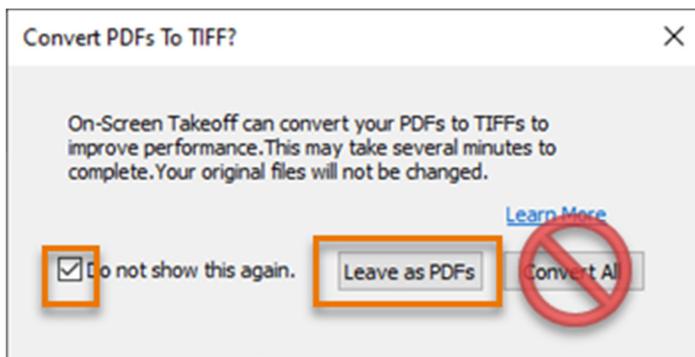
### How Takeoff Boost Works

Here’s what happens when you run Takeoff Boost:

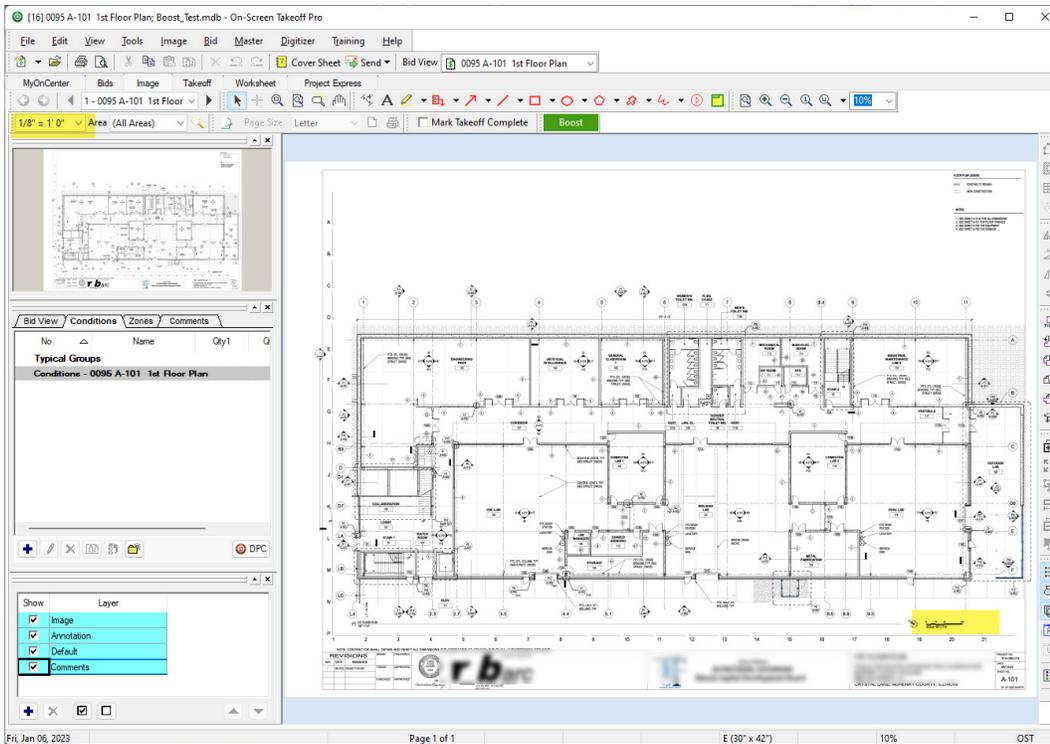
- 1.) Takeoff Boost checks that the requirements above are met, if any requirements fail, you’ll see a pop-up explaining what’s wrong.
- 2.) Your plan is uploaded to the Takeoff Boost service.
- 3.) Artificial Intelligences scans your Plan and creates takeoff for all identified building objects.
- 4.) Takeoff Boost creates a special file in the Cloud that contains all the takeoff and downloads this into On-Screen Takeoff.
- 5.) On-Screen Takeoff imports that Takeoff Boost file and shows a banner at the top of the Image Window alerting you that it is adding takeoff to the database.
- 6.) Takeoff is assigned to various “Boost” Conditions.
- 7.) You review this takeoff and make adjustments and draw manual takeoff as necessary.

### Takeoff Boost Example

NOTE! In the past, you may have gotten used to converting PDFs to TIF, in fact, OST prompts you to do just that. At this time, Takeoff Boost only supports PDF files, so do not convert to TIF when/if prompted.

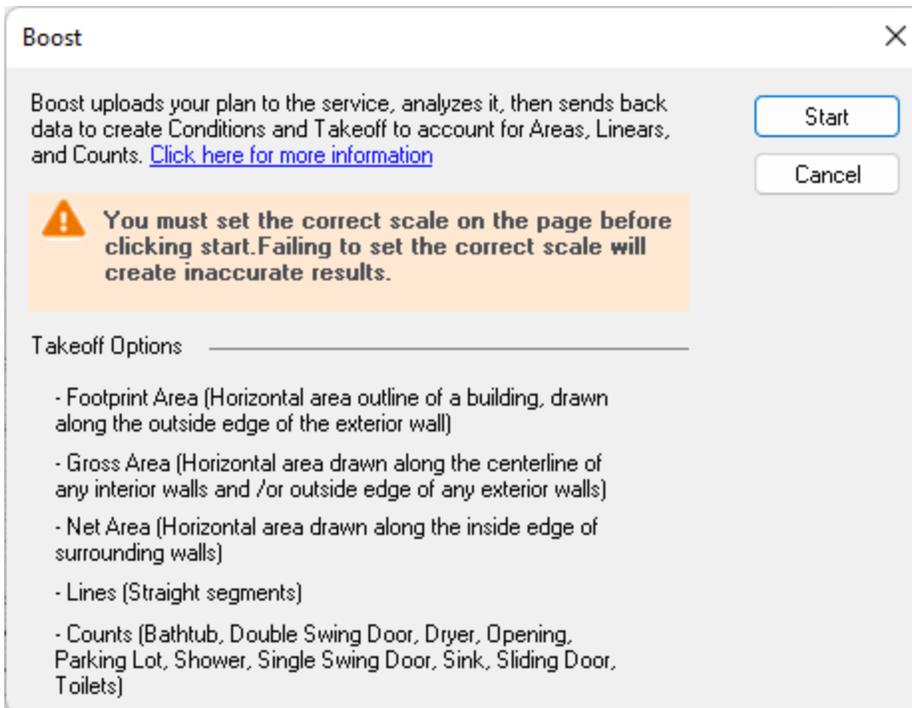


First, we select a Floor Plan... (some details obfuscated).



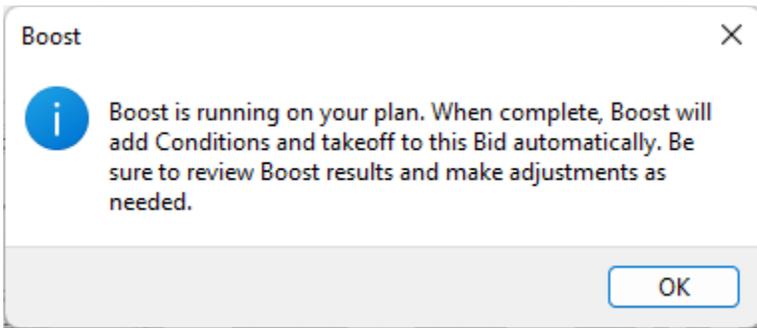
It is critical that we Set and Verify Page Scale (see [Setting Scale](#)).

Click the **Boost** button, the Takeoff Boost dialog box opens.



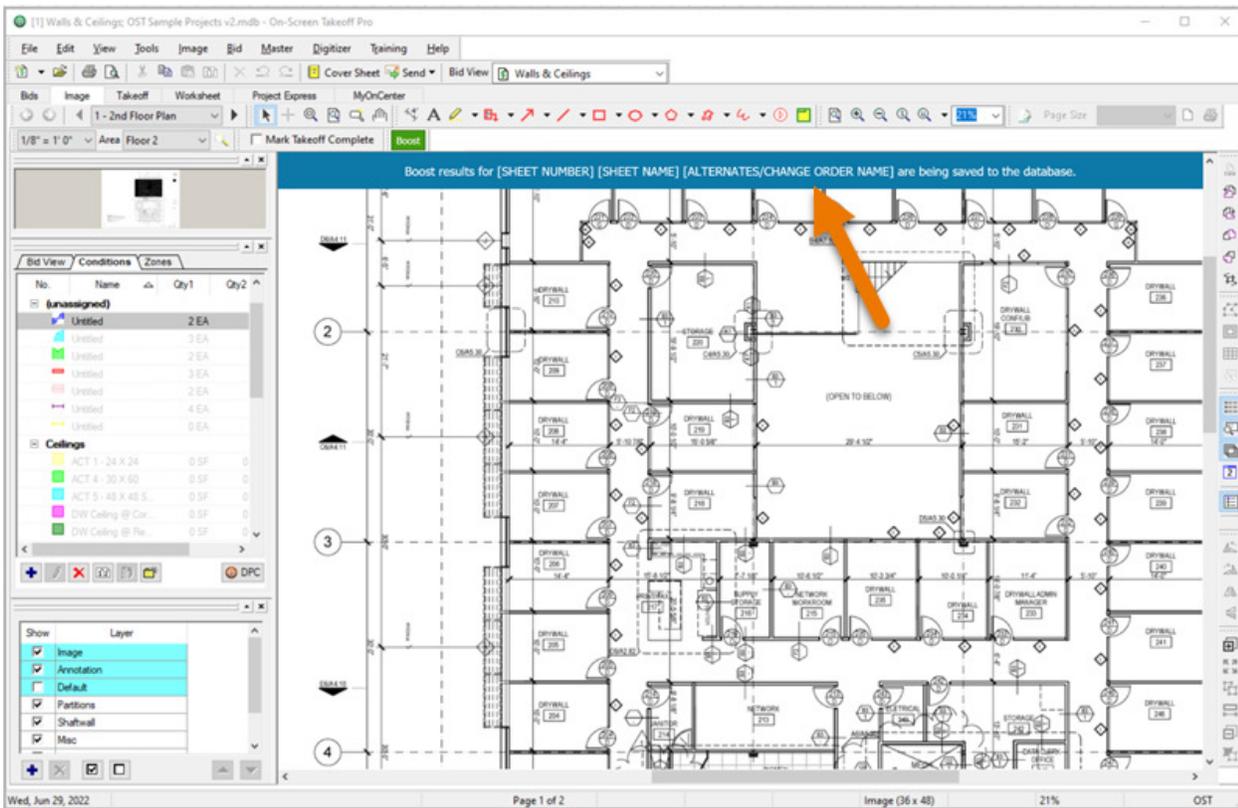
Click **Start**.

Another pop-up opens to let you know that the Takeoff Boost process has started.



You can run Takeoff Boost on up to two Pages at the same time.

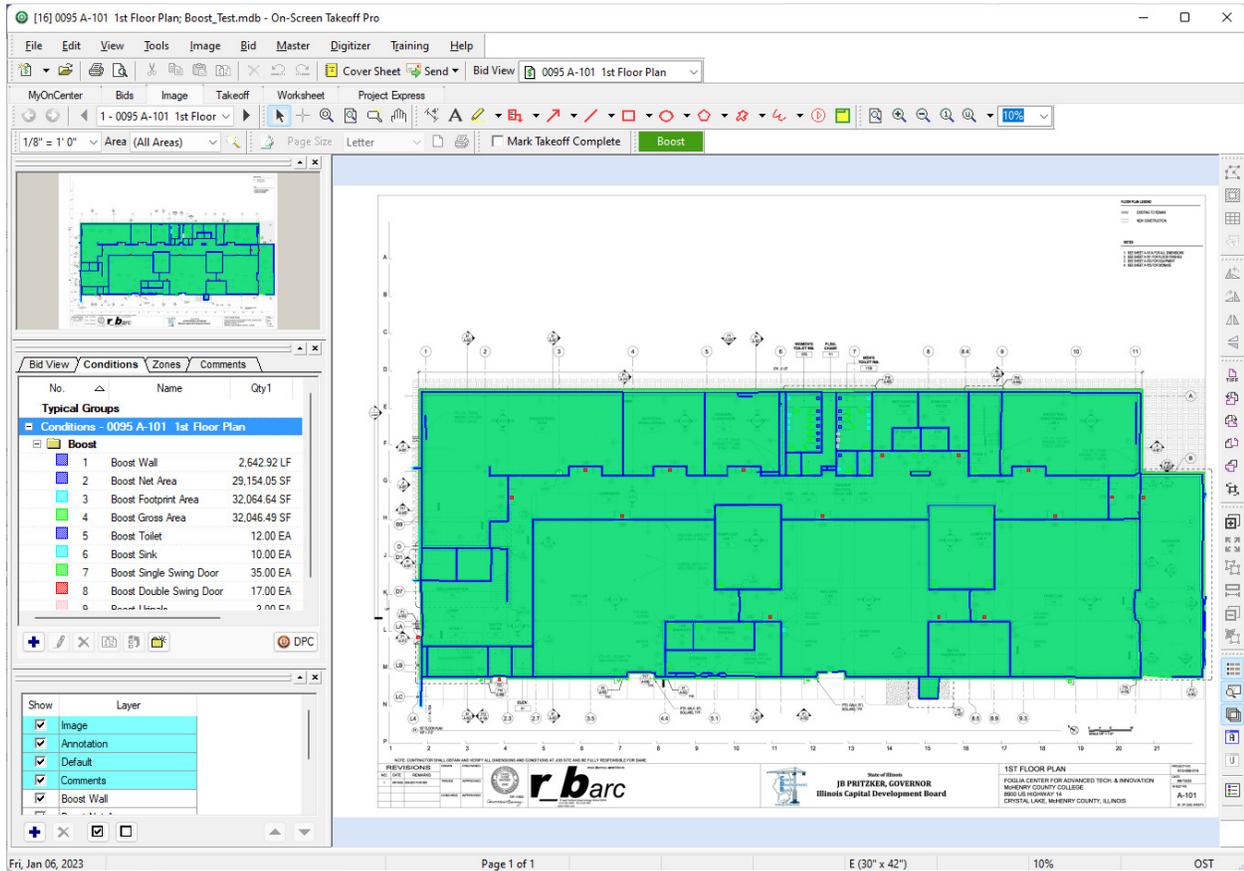
When Takeoff Boost returns results to On-Screen Takeoff, you'll see a blue banner at the top of the Image Window.



This banner indicates the Page being updated.

Now, let's review the results that Takeoff Boost returned.

## Takeoff Boost Results



Some of the takeoff is ‘stacked’ on top of other takeoff, specifically, the Footprint and Gross Area takeoff.

Notice that all the Conditions that Takeoff Boost creates are prefixed with the word “Boost” and are assigned to a Layer that is also prefixed with the word “Boost”. You can use these Layers to toggle the display of specific takeoff on and off. See [Layers](#) for more information.

You can use On-Screen Takeoff’s existing, powerful tools to duplicate Condition and reassign takeoff (see [Reassigning takeoff](#) for details).

If you run Takeoff Boost on other Pages (or even again, on this Page), Takeoff Boost re-uses the existing Conditions if they have not been renamed. So, you’ll only have one “Boost Walls” Condition in your Bid, not one for every Page on which you run Boost.

## Changes

### Additional License Code

Takeoff Boost is a subscription-based feature and requires a unique license key, separate from your OST (takeoff) license. If you have not been issued a Takeoff Boost license key, please contact your Customer Success Manager and we can get you a trial right away.

## Fixes

- ON-4802 - The Learn More link in the Project Express dialog box was not linked correctly and didn't work.

## Known Issues

- Sometimes, when you upgrade from a previous version of On-Screen Takeoff, the Boost toolbar/button are not visible. Just click *View > Toolbars >* and make sure “Boost” is checked – this makes the new “Boost” toolbar/button visible.
- Also, if you use the "Reset All Settings" option in the Option dialog box, the Boost toolbar will be turned off.
- While Takeoff Boost is processing, if you open the Bids Tab and attempt to close OST or the database, cancel, and return to the Image Tab after Takeoff Boost results have been written to the database, the takeoff displays, but the Boost Conditions Results do not update until you adjust any piece of takeoff on the Page or navigate to another Page and back.