
UPGRADE YOUR SCANNER WITH

ARTEC STUDIO 15'S NEW FEATURES AND BOOSTED ALGORITHMS

In the words of many customers, **“With every new version of Artec Studio, it’s like getting an upgraded scanner!”** They’re right.

We’re passionate about making it easier and faster for you to transform your objects into first-class 3D models. Feature by feature.

HONED ACCURACY

Unless your 3D scans are accurate, little else matters. That's why we've made the best even better, and these accuracy-honing features and updates put you on the easiest path to pristine scans and models.



Auto temperature stabilizer for Eva

Easy-to-achieve maximum accuracy

An Eva-specific feature that makes it even easier to achieve the scanner's maximum accuracy throughout your entire scanning session. The effects of the temperature stabilizer are particularly marked when scanning large objects, as error typically accumulates over distance. With the push of a button, after a brief warm-up period, Artec Studio starts detecting Eva's temperature and makes adjustments in the scanning algorithm as needed. Eva will then maintain an optimal scanning temperature as long as it's plugged in, ensuring the most precise data capture.



Next-generation registration

Expert results faster and easier across all registrations for Eva and Space Spider

Every registration type has been evolved for Eva and Space Spider, and that means Rough, Fine, and Global. The primary improvement is more steadfast texture registration, particularly for scans with less-than-ideal textures.

As well, users can expect to see upgraded texture registration accuracy for scans of larger objects (>2 meters). Results are noticeable even at low key frame ratio settings.

Additionally, Global Registration now has an optional setting for geometry-rich surfaces with little variation in texture. Select it and registration for these types of objects is dramatically improved.



Boosted Autopilot for Leo

The King of the Jungle has found an even sharper set of claws

Highly enhanced thanks to the specific feedback we received from our Leo user base, the new Leo Autopilot delivers unwavering results better than ever. We've also optimized multiple features including Registration, Outlier Removal, Fusion Resolution, and Small Object Filter.

EVEN FASTER SPEED

Because who doesn't want to scan faster? We know that when it comes to 3D scanning, it's just one part of your digital capture workflow. The sooner you can capture your object or area and turn it into a stunningly-precise 3D model, the easier your project will be.



2X faster Artec Ray multi-scan import

Simultaneously load multiple scans faster

Users of Artec Ray loading multiple scans concurrently can look forward to accelerated import speeds. This is a particularly useful feature when importing scans of massive objects and environments such as airplanes, factory floors, and large-scale architecture.



Faster project loading

Each scan loads via a dedicated CPU core

Open your projects much more quickly than before, expedient for multi-scan projects. When opening a project with several scans, now each scan will be imported by a dedicated CPU core, whereas in the past all cores were loading just one scan. The result? For example, a project with 10 scans will open 10 times faster on a PC with a 10-core CPU.

EASE OF USE: IMPROVED ALGORITHMS

Our developers are constantly burning the midnight oil in their quest to come up with whip-smart algorithms to make Artec Studio easier and more aerodynamic than ever. Once you dive in and give these clever features a try, you'll know exactly what we mean.



Superior hole-filling

Mends holes more naturally

Now with a heightened algorithm, this feature, available via the Tools tab, delivers more organic hole-filling with improved loops.



Improved Lasso

Even cowboys never did it so good

One of the most highly-used tools in the menu, Lasso's power is without question, and now it's just gotten that much easier to wield. Whether you want to make perfectly straight lines of any length or simply draw curved lines by hand, the choice is yours.



Size-sensitive Max Error mode

Enhanced feature for flagging problem areas

This much-loved feature that color-codes frames with max errors has been expanded for working with objects of all shapes and sizes. Now when scanning larger objects, the acceptable error rate is increased in accordance with the object's magnitude.

SMART AUTOMATION

Once you get used to these genius features, there's no turning back. Whether you're a Micro user jazzed up about the gorgeous high resolution scans with minimal numbers of frames, or you're scanning with one of our handheld scanners and saving gallons of time and effort with the new automatic scan groups and Scan Size Optimizer features, there's something here for everyone!



Autopilot now even more powerful

Taking you up to new heights of productivity

As a result of the new and advanced Auto-align, Autopilot now is even more reliable for all Artec 3D handheld scanners, which is super helpful, especially for less experienced users.



30% more effective Auto-align and at 2X the speed

Auto-align now boasts new, more powerful algorithms

An enhanced feature for users of Eva, Space Spider, and Leo. More accurate and easy to use, with razor-sharp algorithms that deliver spot-on alignments 30% more effectively and up to 2X faster than before.



Scan Size Optimizer

Leaner scan sizes = easier processing = effortless time savings

A hot feature to make working with your scans that much more systematic, now you have the choice of fine-tuning the number of frames per scan. Once that number is reached, a new scan is automatically launched. The process consistently repeats as long as you keep scanning, with all new scans being auto-aligned and grouped together. And when it comes to data processing, smaller scan sizes make it easier to isolate any imperfections and quickly weed them out. Used in conjunction with the new Group feature, all of your smaller scans will be gathered together into the same, easy-to-manage group.



Smart Scanning for Micro

Create 3D models in half the time using Artec Micro's new Smart Scanning mode

Now Micro captures the optimal quantity of surfaces and data in the least amount of frames with every object you scan, resulting in fully-automatic, ultra-high resolution scans that are lean and extremely accurate. Using new, ground-breaking algorithms, Artec Studio calculates the most effective scanning path for your object, ensuring that its every single angle will be covered. This smart mode now makes it extremely easy to scan even the most complex objects. And since only the necessary frames will be captured, processing time is slashed and memory usage reduced. As a result, the workflow from start to finish is now up to 100% faster.

EASE OF USE: OPTIMIZED & CUSTOMIZABLE INTERFACE

We've methodically fine-tuned the ergonomics of Artec Studio so scanning pros can achieve dazzling levels of productivity, while complete beginners will find themselves ramping up from zero to competent in mere hours.

In only a few clicks, you can customize and streamline your Artec Studio workspace for maximum time saving and effortless ease of use.

Swipe selection

Just one click selects that much more

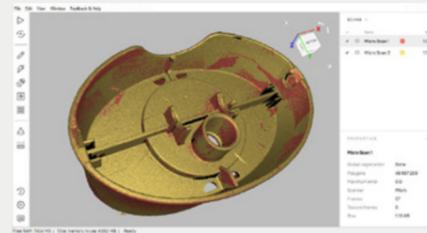
Saves you from having to click every time you want to select an object, making it simple and fast to select or deselect multiple items in only one swipe. With the average user clicking dozens if not hundreds of times per project, this little feature is worth its weight in gold.



Customization

Since a cleaner workspace = a faster workspace

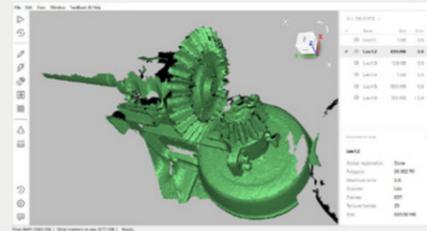
Hide the columns that you don't want to see, and configure the ones you're working with for a faster and more visually-accessible experience.



In-depth & advanced information

Every key scan detail at your fingertips

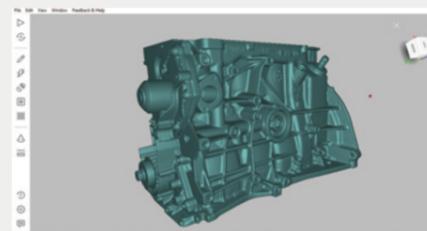
No more digging for your scan details when you need them. Now with just a click of the mouse, you can add new kinds of columns that display all the crucial properties of your selected scan, from polygons and scanner type to frames, texture frames, failed frames, size, and more. And for particular, type-sensitive items, you can toggle an information summary at the bottom of your workspace.



New color picker

Easy real-time color selection

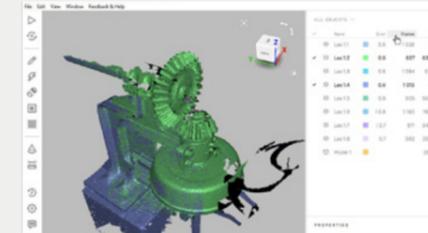
When it comes to changing the color of your scans, one look is usually all it takes, especially when it's in real time. This handy upgrade lets you keep the color picker open during color selection to see exactly how your scan looks in that color. Now you're free to select any color on the screen and pick that, including the color of any other scan.



Easy-access workspace

A wealth of scan info on demand

Now you can customize your scans summary to give you all the info you need in one quick glance. In only a few clicks, via drag and drop selection, it's easy for you to sort your list according to scanner type, texture frames, etc.



Convenient mass rename

Rename droves of scans in seconds

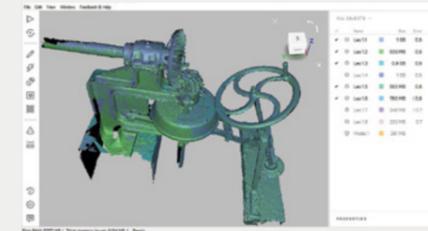
A real time-saver for larger projects with significant numbers of scans. Artec Studio 15 lets you easily rename a range of scans in a series to distinguish them. It also lets you search for user-specified keywords in scan names and then rename your scans in custom ways.



Visually redesigned workspace

Kick your workflow up to next-level velocity and comfort.

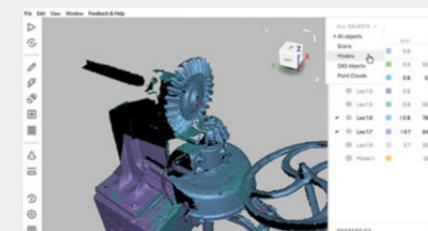
With a new ergonomic and spacious view, based on the best in UX design and oodles of user feedback, welcome to a more intuitive and efficient Artec Studio! Updated buttons and icons in one visual-oriented, easier to read, enhanced interface. Especially for users with tight deadlines and demanding projects, every extra effort saved is an incremental gain that frees up your workflow and keeps you focused on what matters most.



Filters

See only the scans you want, when you want

Ideal for projects with larger numbers of scans, now you can hide the items you don't need right now, giving you a streamlined workspace that works with you and never slows you down. Filter and display everything from all your objects, scans, models, CAD objects, and point clouds.



FAST & EASY FEEDBACK

New, inline feedback

Help us make Artec Studio even better!

Users and partners alike can now write feedback within Artec Studio and send it directly to us. Whatever suggestions and ideas you have on improving our software are highly welcome, whether it's a feature request or something else. Works even if you're offline. As soon as you reconnect, your valuable feedback will be sent to us.



Official Artec 3D Reseller

GoMeasure3D

Phone: (434) 946-9125

Email: sales@gomeasure3d.com

Web: www.gomeasure3d.com