



SCANNERS

Q&A GUIDE

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01 WHAT SCANNERS ARE SUPPORTED BY RVI?

The SHORT answer is just about any scanner is compatible with RVI. The CORRECT answer depends on which of four different ways you're getting scanned images into RVI — these work very differently, so it's worth being clear on which one applies to you. (RVI also offers non-scanning ways to bring images in, like email import and auto-import — see the RVI Hardware Configuration Guide for those.)

1. Scan with TWAIN alone — no Tungsten (Kofax) software involved at all. This works directly in RVI (One Look or RVI Viewer) with no additional RVI licensing fee. It's straightforward day-to-day scanning, but without VRS's image cleanup, barcode reading, or image manipulation. See the TWAIN note below.

Important distinction: in RVI Viewer, users can still rotate, rescan, delete, and reorder scanned images even when scanning with TWAIN alone — that image manipulation is a Viewer capability, not a VRS one. In One Look, though, those same manipulation options are not available when scanning with TWAIN only. If a customer needs to rotate/rescan/delete/reorder while scanning, they should scan using One Look with the RVI Viewer. Customers who prefer fewer moving parts and don't need that image manipulation can simply use One Look with a TWAIN scanner alone.

2. Scan with Tungsten (Kofax) VRS running the TWAIN driver. This requires the scanner to be Kofax-compatible and allows Kofax to handle the settings during scanning. Please note that barcode reading still requires a Kofax license and the ISIS driver.
3. Scan with Tungsten (Kofax) VRS with AIPE running the ISIS driver. This is the path that supports the RVI capture system's full advanced feature set — barcode recognition, forms recognition, data extraction, and other automated processing — on top of VRS's image cleanup. It requires Tungsten (Kofax) Virtual ReScan (VRS) software installed on the scan workstation. See Question 3 for how to pick the right VRS level.
4. Scan into a folder and import those documents — especially common with network scanners. No live-scan connection or driver (TWAIN or ISIS) is involved when RVI picks up the images; RVI simply imports the TIFF or PDF files from wherever they land.

Kofax is a long-time leading supplier of intelligent capture software and significantly expanded its product line with the 2022 acquisition of Tungsten Automation. They have been gradually rebranding

their software from Kofax to Tungsten, and as of 2026, most product and support pages now live under the Tungsten Automation brand.

The main practical differences between scanning with Tungsten (Kofax) VRS versus plain TWAIN come down to three things: the barcode engine (VRS/ISIS only — see #3 above), the image cleanup software (VRS only — crop, deskew, brightness, and similar), and consistency: with VRS, an administrator sets up the scan profile once and users don't have to choose settings each time they scan — VRS applies the saved profile automatically. Confirmed directly in Tungsten's own VRS documentation: "You determine the best settings only once for the documents you scan, and VRS does the rest." With a plain TWAIN driver, the user is working in the scanner manufacturer's own software — depending on the manufacturer, that may mean choosing settings at every scan, though many manufacturers also let users save and reuse a settings profile.

On path 1 above, many scanners can run with a standard TWAIN driver without a VRS license. We have customers successfully using TWAIN drivers on Epson, Canon, and Fujitsu/Ricoh scanners — Fujitsu/Ricoh models are the most common. Newer TWAIN drivers have improved significantly in recent years, so this is a viable option if you don't need VRS-specific features like barcode recognition, especially on a Ricoh fi-7160 or newer model.



02 WHY DO I NEED THE RVI CAPTURE SYSTEM?

"RVI capture system" is a broad term for RVI's entire document capture capability — any and all ways of getting documents into RVI and storing them, including scanning (TWAIN or VRS-driven), spool file capture, iPad, signature pads, and more. All of that is included with the RVI base product at no additional charge, with no workstation charges and no page-count costs, so in that sense, there's nothing extra to buy just to capture documents into RVI. What can require a secondary product is RVI's more advanced processing on top of basic capture — forms recognition, barcode recognition, data extraction, program calls, and other automated features — which run on Kofax (Tungsten) Virtual ReScan (VRS) and its Adrenaline Image Processing Engine (AIPE). Any scanner using either VRS or a TWAIN driver can deliver the G4 compressed TIFF images RVI needs for basic capture; VRS/AIPE is what unlocks the advanced processing on top of that.

03 HOW DOES THAT IMPACT MY SCANNER SELECTION?

Because basic capture works with virtually any scanner, your scanner selection really comes down to whether you need those advanced processing features. If you do — barcode recognition, forms recognition, data extraction, or other automated processing — you'll need Kofax (Tungsten) VRS running the ISIS driver (see Question 1), and the scan workstation will need VRS installed. Different versions of Kofax VRS are available, depending on your requirements. VRS itself is the base image cleanup software (cropping, deskewing, brightness correction, and similar tasks); the Adrenaline Image Processing Engine (AIPE), included with the Kofax VRS Elite Workgroup or Production

versions, is a processing engine built into VRS that adds further capabilities on top of that, including the enhanced barcode (EBC) recognition many customers need. Tungsten provides a configurator to verify scanner compatibility with their software.

[Tungsten Scanner Configurator \(updated link\)](#)

[Tungsten Automation \(formerly Kofax\)](#)

04 IS KOFAX VRS INCLUDED WITH THE SCANNER?

Scanner manufacturers USED to bundle Kofax VRS software with their devices, but that practice changed years ago. Most scanner manufacturers now include their own image enhancement software with their configurations. While software features are similar across vendors, the RVI capture system specifically requires Kofax VRS (rebranded to Tungsten VRS) for workstation connectivity. Check with your scanner distributor to see if there are any marketing promotions that substitute Tungsten VRS for the manufacturer's proprietary capture software.



If you need VRS-specific features such as barcode recognition, you'll likely need to purchase Tungsten VRS Elite separately (see Question 5) rather than expect it to be bundled with the scanner. Confirm with your reseller before purchasing whether VRS is available for that specific model, and at what cost.

05 HOW MUCH DOES TUNGSTEN VRS COST?



While there are three versions of Tungsten VRS software (Basic, Elite and Professional), VRS Elite is the only version generally available as a separate purchase. VRS Professional is bundled only with a manufacturer's scanner, and VRS Elite includes all the features of VRS Basic, effectively replacing that option. Tungsten (Kofax) software is priced into one of three groups (desktop, workgroup, or production) based on the scanner rating (ppm or pages per minute). Here are the Tungsten VRS list prices, reconfirmed as of 7/29/2026:

Product	List Price	Scanner range
Tungsten VRS Elite (Desktop)	\$753	40–60 ppm
Tungsten VRS Elite (Workgroup)	\$1,679	60–90 ppm
Tungsten VRS Elite (Production)	\$2,837	90 ppm and above

All three prices match Scantastik's currently listed prices.

Keep the scanner's range in mind when pricing a purchase: Desktop-level licensing is intended for scanners rated at 40–60 ppm. Most of the scanners featured in Question 11 are rated well above that (60–140 ppm), so if you need to purchase VRS Elite separately for one of them, Desktop-level will generally not be an available option — you'll need Workgroup or Production licensing instead, based on that scanner's actual rated speed. The Canon DR-M260 is a documented exception to this (see Question 13).

[Tungsten VRS information](#)

06 WHAT IS TUNGSTEN EXPRESS?

Tungsten Express is a cost-effective, robust, all-in-one, intelligent document scanning application that can be used as an alternative to the RVI-provided capture system. It offers an intuitive interface, advanced features (including VRS corrections), and can be a prerequisite to integrate RVI with certain OCR engines (optional).

Tungsten Express pricing is still based on scanner rating (ppm), but Scantastik has since expanded the tier structure from 3 levels to 5: Desktop, Low Volume, Mid Volume, High Volume, and Super High Volume. As of 7/29/2026:

Product	Price
Tungsten Express (Desktop)	\$579 — confirmed unchanged
Tungsten Express (Low / Mid / High / Super High Volume)	Ranges up to \$17,635 at the top (Super High Volume) — call Scantastik for a quote on your specific tier

Scantastik's own product page confirms only the low and high ends of the range (\$579 to \$17,635) — the three middle tier prices (Low/Mid/High Volume) aren't published and require a direct quote.

[Tungsten Express information](#)

07 DOES RVI SUPPORT TUNGSTEN CAPTURE?

Yes. RVI has a release script to interface with Tungsten capture solutions, which will be provided at no additional charge. This simplifies replacing an existing image solution by minimizing changes to the current production capture process. Unlike RVI, many image solution providers do not include a capture system with their product. Instead, customers are responsible for evaluating their own front-end capture solution. While there are several options available, Tungsten (Kofax) has long been a popular choice for many image software developers (including IBM, which integrated Tungsten capture with its ImagePlus / Content Management products).

[Tungsten Capture information](#)

08 HOW SHOULD I COMPARE SCANNERS?

Other than price (always that), the most important factor in selecting a scanner is the daily throughput requirement (the number of pages to be scanned per day) for your specific workload. Here are a few other considerations when selecting the appropriate scanner hardware for your project:

- The daily workload volume (pages per day) will determine the rated scanner speed (pages per minute).
- The duty cycle rating is the maximum number of pages to be scanned daily for the device. Peak periods or backfile conversions of existing paper files may skew the short-term daily workload projections.
- Higher resolution ratings (dpi or dots per inch) will improve the clarity of scanned documents.
- Scanner manufacturers now bundle/support different image clean-up software options.
- Most scanners handle two-sided (duplex) and color requirements, but this should be verified.
- Special document needs such as embossed photo IDs, unusual size or thickness, multi-part forms, color variations, or the condition of incoming source documents.
- Bar-code recognition will impact the configuration.
- Additional document handling features such as Automatic Document Feeders (ADF), hopper capacities, flat-bed options, im printers, lamp kits, or other performance/functional enhancements.
- Maintenance considerations such as support plan options and ongoing consumables/supplies.
- Operational factors such as remote capture plans, indexing process, or scanner backup requirements.
- Vendor preference based on existing company relationships or strong presence in your geography.

09 CAN I BUY SCANNERS FROM RVI?

No. RVI does not source any hardware components such as scanners, storage, workstations, tablets, signature pads, or other mobile devices. RVI supports a wide range of scanners, and there are multiple channels to purchase the hardware. Give us a call for additional guidelines when making these decisions (see Question 14).

10 SO WHERE DO I BUY SCANNERS?

Most scanner manufacturers have relaxed their channel distribution restrictions, making their products readily available from multiple sources (websites, authorized resellers, PC component distributors). While this is good for pricing, scanner options frequently change (as do manufacturers' promotional offers). If your company or RVI business partner does not have an established relationship with a knowledgeable distributor, you may have to do some research.

Scantastik is an authorized direct reseller for multiple manufacturers and can price/source all your scanner needs. They have a very informative website (www.scantastik.com) with model specifications, comparisons, reviews, and discounted pricing. If you need to consult with a scanner representative to finalize your scanner selection, the key contact on file is Jeff Michaud at 800-977-4935 or jmichaud@scantastik.com.

Jeff's current recommendation to customers: "Kodak has the best software and a 5 year warranty. They have the better models when it comes to the larger production models too." Two Kodak Alaris models he pointed to specifically — the S2050 (\$950 list / \$855 at Scantastik, 5-year warranty) and the S2070 (70 ppm / 140 ipm, \$1,100 list / \$990 at Scantastik, 5-year warranty) — plus the Ricoh fi-8040, a compact 40 ppm option at \$655 list / \$521.99 at Scantastik. None of these three ships with Kofax/Tungsten VRS built in; VRS Elite would still need to be purchased separately if barcode reading or VRS cleanup features are needed.

11 CAN YOU PROVIDE SOME EXAMPLES?

For comparison purposes only, here are four popular scanner models from different manufacturers, listed in order of rated scanner speed. Specs and Epson/Canon pricing reconfirmed against www.scantastik.com as of 7/29/2026; see notes below for Ricoh and HP.

	EPSON	CANON	HP	RICOH
Model Number	DS-530X	DR-M260	ScanJet-5000 s5	fi-8170
Rated Speed	45/90 ppm	60/120 ppm	65/130 ppm	70/140 ppm
Resolution	600 dpi	600 dpi	600 dpi	600 dpi
Duplex	Yes	Yes	Yes	Yes
Color Capable	Yes	Yes	Yes	Yes
ADF capacity	100 sheets	80 sheets	80 sheets	100 sheets
Flatbed	No	Optional	No	No
Embossed ID Cards	Yes	Yes	Yes	Yes
Image Software	Epson Document Capture Pro	Capture Perfect	HP Scan Premium	PaperStream IP
Tungsten Compatibility	VRS Elite (Desktop)	VRS Elite (Desktop)	VRS Elite (Desktop)	VRS Elite (Desktop)
Duty Cycle (# scans)	7,000 pages	7,500 pages	7,500 pages	10,000 pages
List Price	\$459	\$1,195	Not sold by Scantastik	\$1,070.99 (Standard bundle)
Scantastik Price	\$399	\$896	Not sold by Scantastik	\$1,070.99 (3-yr) / \$1,199.00 (5-yr)
Standard Warranty	3 year	5 year exchange	—	3 year / 5 year (bundle option)
Extended Plans	None	None	—	PaperStream Capture Pro software subscription: \$329.99/yr, \$809.99/3yr, \$1,399.99/5yr

Epson: the DS-770 II previously shown here is discontinued and has been replaced with its current successor, the DS-530X (\$459 list / \$399 at Scantastik). The DS-530X isn't sold as a dedicated VRS-bundle SKU, but a Scantastik rep confirmed it can be purchased alongside a separate Tungsten VRS Elite Desktop license (\$599 at Scantastik's discounted price) for \$998 total.

Canon DR-M260: confirmed directly by Jeff Michaud at Scantastik (email, 7/29/2026) that the list price is \$1,195, not the \$1,291 shown in the previous edition of this guide — Canon had raised prices due to tariffs and has since brought them back down. Scantastik's discounted price remains \$896.

HP ScanJet-5000 s5: confirmed directly by Jeff Michaud at Scantastik (email, 7/29/2026) — Scantastik no longer sells HP scanners at all: "We no longer sell HP as we never sold any units & the ones we did come back quickly." This model is still genuinely Tungsten VRS Elite certified per Tungsten's own Scanner Configurator, so it remains technically compatible — but Scantastik isn't a source for it. If a customer specifically wants this model, it must be sourced from a different reseller. Given Scantastik's steer toward Kodak (see Question 10), consider recommending a Kodak Alaris model instead.

Ricoh fi-8170: pricing and bundle structure updated per Scantastik's current site (confirmed 7/29/2026) — Standard bundle (3-year warranty) is now \$1,070.99, and Premium bundle (5-year warranty) is \$1,199.00. The older "Advanced Exchange Plus" \$180 add-on no longer appears; it's been replaced by an optional PaperStream Capture Pro software subscription (1/3/5-year terms) and a separate \$89 ScanAid maintenance kit.

Tungsten Compatibility row: Desktop-level licensing generally only covers scanners up to 60 ppm (see Question 5). Canon's DR-M260 is confirmed by Tungsten's own documentation as Desktop-eligible despite its higher rated speed (see Question 13). For the other models here — especially the higher-ppm HP and Ricoh units — confirm the correct license tier using the Scanner Configurator before purchasing, since Workgroup or Production licensing may be required instead.

[Verify VRS compatibility using the Tungsten Scanner Configurator](#)

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WHAT'S THE DIFFERENCE BETWEEN VRS ELITE AND OEM PROFESSIONAL LICENSING?

When you buy a scanner, it sometimes comes bundled with a "VRS OEM Professional" license preinstalled by the manufacturer, rather than the separately purchased "VRS Elite" license described in Question 5. In plain terms, both licenses give you the same core set of image clean-up tools. The Elite license simply unlocks a handful of extra features on top of that shared set. Here's exactly what's shared and what's Elite-only, based on Tungsten's own documentation:

Feature	VRS Elite	OEM Professional
Auto Crop	Yes	Yes
Auto Deskew	Yes	Yes
Edge Cleanup	Yes	Yes
Auto Brightness	Yes	Yes
Gamma Correction	Yes	Yes
Speckle Removal	Yes	Yes

Feature	VRS Elite	OEM Professional
Fluent UI	Yes	Yes
Simplified Installer	Yes	Yes
Auto Orientation	Yes	Yes
Auto Contrast, Intelligent Cleanup	Yes	Yes
Auto Color Detection	Yes	Yes
Color Suppression	Yes	Yes
Color Smoothing	Yes	Yes
Blank Page Detection	Yes	Yes
Multicore Processing – CGA	Yes	Yes
AIPE Features (image cleanup engine)	Scan + file import	Scan only
Enhanced Bar Code (EBC) Engine	Workgroup/Production only	Workgroup/Production only
Hole Fill	Yes	No
Edge Fill	Yes	No
Merge Sides	Yes	No
Intelligent Halftone	Yes	No
Auto Profile	Yes	No
Multicore Processing (full)	Yes	No
Device Health – Local	Yes	No
Device Health – Network	Yes	No

Correction from the source article: an older Tungsten/Kofax knowledge-base article lists "Hole Fill" as included in both Elite and OEM Professional. Two of Scantastik's current product pages (their VRS comparison matrix and their VRS Professional product page) both show Hole Fill as Elite-only, which is what's reflected in the table above. "Device Health – Network" is also a newer Elite-only feature not present in the original 2023 article.

What this means in practice: if a scanner comes with a manufacturer's built-in (OEM) VRS Professional license, it already handles the everyday cleanup tasks — cropping, deskewing, brightness, color correction, and blank-page removal. You'd only need to pay for a separate Tungsten VRS Elite license if you specifically need one of the eight Elite-only features above, such as hole/edge fill, merging double-sided scans, or the network-wide device health monitoring used in larger, IT-managed scanning environments.

13 WHICH SCANNERS QUALIFY FOR TUNGSTEN'S OEM VRS LICENSING?



Scanner manufacturers who partner with Tungsten (Kofax) build a version of VRS directly into their own scanner software, so the workstation doesn't need a separate Tungsten VRS purchase. The license level a given model receives (Basic or Professional, and Desktop/Workgroup/Production) depends on the exact scanner model and, in some cases, on the region where the unit was sold. The lists below come from Tungsten's own reference documentation.

These lists were last formally published in 2023 and reflect scanner and software lineups as of that date. Manufacturers add new scanner models regularly — for example, Canon released two new imageFORMULA models (DR-C350 and DR-C340) in November 2025 that are not on this list. Always double-check a specific model against Tungsten's current Scanner Configurator before purchasing, rather than relying on this list alone.

Canon scanners

The following Canon models qualify for Canon OEM Basic licensing when selected as the scan source:

- DR-2510C, DR-2580C, DR-3010C, DR-4010C, DR-5010C, DR-6010C, DR-6030C, DR-6050C, DR-7090C, DR-7550C, DR-7580, DR-9050C, DR-9080C, DR-C130, DR-C240, DR-G1100, DR-G1130, DR-M140, DR-M160/II, DR-M1060
- Non-US units only: DR-G2090, DR-G2110, DR-G2140, DR-M260

The following qualify for the higher Canon OEM Professional licensing:

- DR-G2090 (US units — Workgroup license)
- DR-G2110 (US units — Workgroup license)
- DR-G2140 (US units — Production license)
- DR-M260 (US units — Desktop license) — this is the model featured in Question 11
- DR-X10C (Production license)

Whether a Canon scanner gets Basic or Professional-level licensing can depend on whether it has a US or non-US serial number, so verify this on the actual unit rather than assuming by model number alone.

HP scanners

The following HP models qualify for HP OEM Professional licensing:

- ScanJet Pro 4500 fn1, ScanJet 7000, ScanJet 7000 s2, ScanJet 7000 s3, ScanJet 7500, ScanJet 9000, ScanJet N9120, Digital Sender Flow 8500 fn2, ScanJet Enterprise Flow N9120 fn2

The following HP models qualify for the lower HP OEM Basic licensing:

- ScanJet N8400, ScanJet N7710, ScanJet 7800, ScanJet 8300 Series

The HP ScanJet-5000 s5 featured in Question 11 is not on this older reference list; HP's newer ScanJet Enterprise Flow models typically ship with HP Scan Premium rather than a Tungsten OEM VRS license — check the specific unit before assuming OEM VRS licensing applies.

Kodak scanners

The following Kodak models qualify for Kodak OEM Professional licensing:

- i5200V, i5250V, i5600V, i5650V, Ngenuity 9090, Ngenuity 9125, Ngenuity 9150, Truper 3210, Truper 3610

Bowe Bell & Howell-branded Ngenuity 9000-series and Truper 3x10-series units do NOT qualify as-is — they must first be rebranded to Kodak via a firmware update.

Update: all four Kodak "V" models above (i5200V, i5250V, i5600V, i5650V) are now confirmed discontinued as of 7/29/2026 — not available for new purchase. Kodak Alaris's current lineup (S-series and second-generation i4000/i5000 models) does not ship with any Tungsten/Kofax VRS pre-installed; VRS Elite must be purchased separately on all current Kodak Alaris scanners. See the RVI Hardware Configuration Guide's scanner list for current Kodak Alaris models.

Fujitsu / Ricoh scanners

Tungsten's OEM VRS licensing exists for a small number of older Fujitsu-branded scanners. However, Fujitsu's scanner division was acquired by Ricoh (branded as PFU, then Ricoh), and current-generation Ricoh fi-series scanners — including the fi-8170 featured in Question 11 — ship with Ricoh's own PaperStream IP capture software instead of a Tungsten OEM VRS license. If a customer needs Tungsten VRS-specific features on a Ricoh scanner, plan on the separately purchased VRS Elite license from Question 5 rather than assuming an OEM license is built in.

14 WHAT IF I HAVE MORE QUESTIONS?

While RVI is not an authorized reseller of scanners, we can help you ask the right questions to make the best decision possible.

RVI Office — rvoffice@realvisionsoftware.com — 318.449.4579

[Verify VRS compatibility using the Tungsten Scanner Configurator](#)