NewCura

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Device Integration Library: Connection Blueprints

How device manufacturers work with NewCura to connect their equipment to EndoManager®

NewCura is **vendor-neutral**: we build imaging software, not scopes, and we work directly with device manufacturers to make their products compatible with EndoManager. Compatible devices appear in our integration library and Integration Builder at **newcura.com/integrations**. A **Connection Blueprint** is a standard way a device connects to EndoManager. A device may support one blueprint or several.

CONNECTION BLUEPRINTS

Direct video + camera trigger

Video cable + camera trigger cable (usually 3.5 mm to serial) to an EM4 capture station

Pressing the button on the scope triggers capture straight into NewCura. This is the simplest connection. It captures stills and MPEG-4 video from any visible-light device with a video output.

Bi-directional serial PREFERRED

Video cable + serial port on the device (typically RS-232) to an EM4 capture station

True two-way communication. It takes more integration work, and it gives the closest integration:

- **From your device:** capture triggers from the scope, plus metadata such as the scope serial number (if your device transmits it).
- **To your device:** patient name, exam type and physician name, shown on your system during the exam.

DICOM direct PREFERRED

Network: DICOM Modality Worklist + C-Store / C-Move to EndoManager EMS

If your video controller can query a DICOM Modality Worklist and send images by C-Store / C-Move, EndoManager receives the images directly from your controller. **No capture PC is needed in the room.** You can offer it instead of a serial blueprint or alongside one.

Foot pedal

Video cable + foot pedal on an EM4 capture station

For devices without a usable trigger output. Staff capture stills and video with a foot pedal, so any visible-light device with a video output can still connect.

VALIDATION PROCESS: FROM FIRST TEST TO LIVE USE

1. **In testing** — NewCura is formally testing this connection, and it is not yet validated.
2. **Validated with NewCura** — NewCura has tested and documented that this connection works, but it may not yet be running at a live site.
3. **Live at customer sites** — The connection is running at one or more live customer sites. We never name customers without their written consent.

Supported — Supported is the default for listed devices that are not In testing, Validated with NewCura, or Live at customer sites. We expect the connection to work by a standard method, even if we have not formally tested it with the vendor.

As we formalize this process, these status badges are intended to appear on the device card in the integration library and in the Integration Builder.

NEXT STEPS

1. Contact NewCura

Email sales@newcura.com or your NewCura contact. Tell us about your device and its connection options.

2. Meet (NDA available)

An introductory meeting. A mutual NDA is available if we need to go deeper on technical details.

3. Test and validate

Connectivity testing and Connection Blueprint validation, as described above.

Status definitions: newcura.com/legal/integrations-disclaimer. Library listings and workflow diagrams are planning aids. Compatibility depends on equipment model, software version and site configuration, and NewCura confirms every workflow before quoting. Library status does not imply certification, partnership or endorsement by either party. EndoManager® is a registered trademark of Summit Imaging, Inc. d/b/a NewCura. Other product names are trademarks of their respective owners.