



No Order? No Problem.

Auto Order Generation automatically files outside imaging into your EHR or RIS, linking studies between the archive and patient record with no manual order entry required.

PRODUCT OVERVIEW

Outside imaging creates a paperwork problem before it becomes a clinical problem. When a study arrives from an outside facility, on a disc or through a transfer, often there's no order for it in your EHR or RIS. Until someone creates one, the study can't attach to the patient's record, which creates a blind spot for staff without access to the archive. That forces a technologist or film librarian to hand-key a retroactive order for every outside study, one at a time.

Auto Order Generation removes manual steps. When an external study is received by ImageX, Medicom automatically builds an HL7 v2 message from the study's DICOM metadata and sends it to your EHR or RIS. Your system reads the message and either accepts or creates the retroactive ancillary order (or unsolicited result), and the study lands in the record just like an in-house exam.

How Care Teams and Patients Benefit

Less Time Keying Data

Staff stops hand-keying retroactive orders, reallocating time from paperwork to patients.

Complete Patient Histories, Faster

Outside imaging reaches the chart without relying on a manual process, so care teams see a fuller picture sooner.

Automated Workflow From Imaging Arrival to Storage

Auto Order Generation runs alongside ImageX's incoming study workflow. When a study matches a routing rule that includes an HL7 v2 destination with order generation turned on, Medicom builds a retroactive order message from the study's metadata (name, patient ID/MRN, study date, description, and related fields). It then sends this message as an order (ORM^O01) or a result (ORU^R01), depending on what your downstream system expects.

If the EHR or RIS assigns a new accession number, ImageX can wait for the return message and apply that accession before storing the imaging study to the archive.

Smart Controls to Prevent Duplicate Patient Records

A duplicate order doesn't just clutter your archive. It creates confusion right when your team needs clarity. ImageX checks the rest of the workflow before it creates anything new:



Receiving External Imaging Studies

When ImageX receives an external study, Medicom can check if the study already exists in the archive or in Checkpoint to prevent duplicate orders from being generated.



Order Association

If a study already matched an open order during import, Medicom can skip order generation and attach the images to that order instead.



Checkpoint Reprocessing

If an imaging study failed to store and staff reprocesses it, Medicom checks whether a retroactive order was filed and won't send a new one.

Simple Administrative Control by Destination

You stay in control of every interface. Set rules once in the Medicom Portal, per HL7 v2 destination, and Medicom handles the rest:

Automatic Generation	Turn order or result generation on or off for external studies on each interface.
Message Type	Choose order or result to match what your EHR or RIS expects.
Routing Rules	Pair the interface with routing rules so only the studies and sources you intend trigger generation.
Use EHR/RIS-Generated Accession	When you turn on this option, the EHR/RIS-assigned accession is applied before archive storage.

Ready to Speed Up Diagnostics and Streamline Workflows?

[Talk with a Medicom expert](#) to learn how adding Auto Order Generation to your workflow reduces administrative burden, improves record consistency, and gets critical imaging to your care teams faster.

