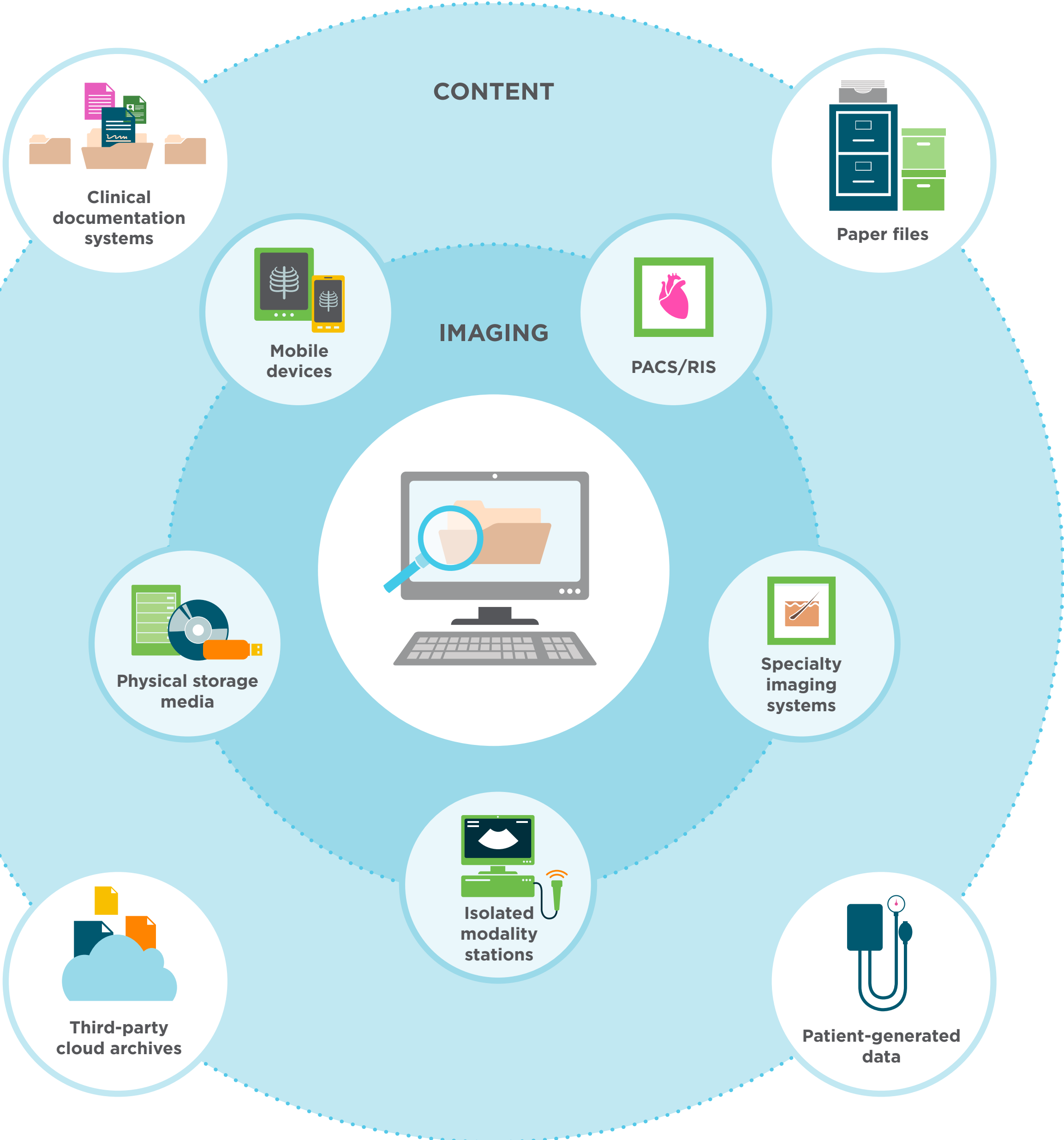# What's missing from your EMR?

As much as **80 percent*** of clinically relevant content lives outside of the electronic medical record (EMR) and isn't natively stored or managed by these systems. Here's a look at some of the other major sources of patient data:

CONTENT

IMAGING

Clinical documentation systems

Mobile devices

PACS/RIS

Paper files

Physical storage media

Specialty imaging systems

Isolated modality stations

Third-party cloud archives

Patient-generated data

CONTENT

Clinical documentation systems: HIM systems, records management systems and other departmental content management applications are a treasure trove of scanned PDF or Word-based documents, registration forms, referral documents, HIPAA privacy documents and more.

Paper files: Many healthcare providers still maintain file cabinets full of paper medical records in addition to their EMR.

Patient-generated data: Health data generated by sensor-based or biometric devices (e.g. smart scales, blood pressure cuffs, A1C monitors, etc.) to monitor health and wellness remotely.

Third-party cloud archives: Commercially available cloud archives such as Dropbox and Google Drive can often be sources where clinical documents, images and other patient data is stored.

IMAGING

Mobile devices: Visible-light images captured by clinicians on enterprise-issued smartphones, tablets or other mobile devices at the point-of-care.

PACS/RIS: These systems store DICOM-based radiology and cardiology images (e.g. MRIs, CT scans, etc.).

Specialty imaging systems: Common to departments such as Dermatology, Gastroenterology, Ophthalmology, Pathology and more, these system store non-DICOM visible-light image files (e.g. JPEG, AVI, MPEG).

Isolated modality stations: Isolated modalities (such as ultrasound devices) are often used to capture images at the point-of-care. These imaging studies don't always have traditional radiology orders associated with them and can be difficult to track and manage.

Physical storage media: Medical images or documents archived on or transported from other providers on CDs, DVDs, USB drives and tape media.

To build a complete patient record and see your whole patient, all of these siloed clinical information sources should be integrated with your EMR. See how connected healthcare solutions from Hyland can help.

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