Gradient Health

Access to millions of patient journeys, simplified.

Gradient Health for Medical AI Developers.

Helping build the future of healthcare.

The future of medical AI is built from patient journeys, not single data points.

The next generation of medical AI needs to have the clinical context to understand the full patient journey, not just one point in time. Large, representative datasets are crucial to building safe and effective models.

But training medical AI models is not only about getting more data, it's also about the quality and clinical context; multimodal data is critical.

Access to these datasets is a barrier for AI developers, with long timeframes and expensive processes.

We simplify data-sourcing efforts, helping AI developers focus on building life-changing technology.

With easy access to millions of patient journeys, developers across the globe are using our vast and diverse datasets to test and validate their innovations.

How we help you.

Accelerate your data-sourcing

There is no shortcut for proper research and validation work, but there are ways to accelerate the sourcing of data needed to train, test, and validate algorithms. Our platform helps reduce your timeline to procure millions of datasets from months down to moments.

Smooth your path to regulatory clearance

Using carefully selected data can help streamline the process for regulatory clearance by demonstrating that the model has been developed using reliable and representative data, which can improve the chances of gaining regulatory approval.

Build effective models

Bias in medical AI emerges when models lack diversity in patient demographics and disease presentation. Developers must objectively evaluate the performance of their technology in the intended patient population.

Given the importance of representation to fight bias, we are proud to make available diverse data that has been responsibly sourced from around the globe.

Meet Atlas.

Our self-service data platform for medical AI developers.

Atlas provides de-identified, diverse, large-scale data trusted by leaders in medical AI, offering unparalleled scale, speed, and quality.

Placeholder for updated screenshot of Atlas if available.

Why do medical AI developers choose Atlas?

Searchability

Atlas allows medical AI developers to go deeper with their searches, thanks to immediate access to hundreds of data tags, in-depth series-level information, and the ability to perform longitudinal searches at a patient level.

Usability

Get unparalleled ease of access to a large, diverse dataset from around the world with Atlas. Designed for usability, with a fast and intuitive interface allowing AI developers to quickly build the datasets they need.

Collaboration

Gain visibility across projects by enabling teams to collaboratively manage cohorts and assess dataset analytics.

Accelerate your model building with piece of mind, we've built our platform to deliver large-scale datasets with:

Speed

Self-serve your data needs, enjoying instant previews and full data delivery within an unprecedented 72 hours.

Quality

Atlas offers a unique tool: a visual summary of your selected data allowing you to intuitively assess the diversity and comprehensiveness of your data.

Types of data available.

Healthcare is inherently multimodal. Clinicians do not make decisions based on single datapoints. They combine scans, laboratory results, pathology findings, demographics, patient history, and other clinical information. Multimodal data helps AI developers build more clinically relevant models that reflect real-world care.

Atlas supports multimodal data, including:

Radiology reports

Electronic medical records (EMR)

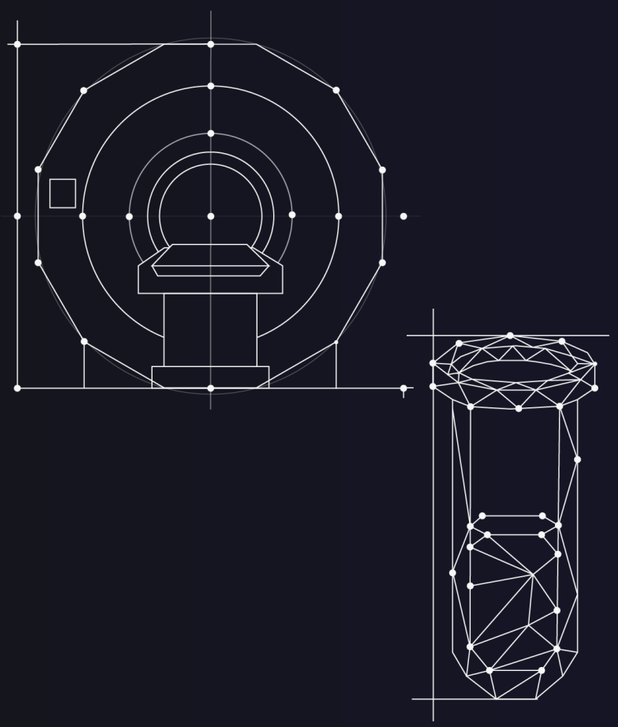
Pathology results

Labroratory results

Electrocardiogram data

Demographic details

Ophthalmology data



How it works.

Start

Start your 7-day free trial. One of our data sourcing specialists will get you set up with an account.

Search

With Atlas, you can “self-serve” your data. Quickly and easily search millions of multimodal de-identified datasets from across modalities and vendors. Search by study type with up to 2 longitudinal data points. Search results include select DICOM tags, radiology reports, and preview thumbnail images.

Analyze

We recognize the critical importance of using representative, unbiased data in building safe and effective AI. To ensure this, Atlas offers a unique feature: a visual summary of the diversity of your selected data. This tool allows you to intuitively assess the diversity and comprehensiveness of your data.

Receive

Once you’ve selected the right data and hit order and you’ll be notified that your data export is ready to download, all within 72 hours. All our data is delivered in machine learning friendly DICOM and JSON formats.

Build

Train and validate your models on these large, diverse datasets. Enabling you to develop accurate, high-quality, equitable medical innovations. Reducing time to regulatory clearance and getting products to patients faster.

Built for developers.

We know that when it comes to ease of use, the details matter.

All our datasets are:

- **Delivered in machine learning-ready formats.**
- **Searchable by disease.**
- **De-identified.**
- **Searchable by data type.**

Taking care of data.

Our responsibly sourced data is rigorously de-identified before it ever gets to you, leaving you free to innovate without worrying about added compliance risk.

Patient data protection is our highest priority. In addition to having extremely high security standards, all data usage is reviewed to ensure ethical usage and patient benefit.

By the time data reaches our developer-accessible databases, it has gone through multiple layers of checks to ensure that all patient data is removed from metadata. Our metadata redaction practices adhere to “DICOM PS3.15 2023a - Security and System Management Profiles” as outlined by the DICOM Standards Committee.

All data is de-identified using our thorough de-identification software.

Every image is scanned pixel by pixel for potential Personally Identifiable Information (PII) and redacted.

We take care of the data redaction and de-identification, so that you don’t have to.

Accelerate your development.

Find out more: gradienthealth.io