Cloud Annotate
Guide

Cloud Annotate is a set of zero-footprint annotation tools that can be accessed through the web or integrated into any PACS. Easy to use tools are available for applying NLP to radiology reports, annotating medical images and videos, measurements, human-in-the-loop tasks and more.
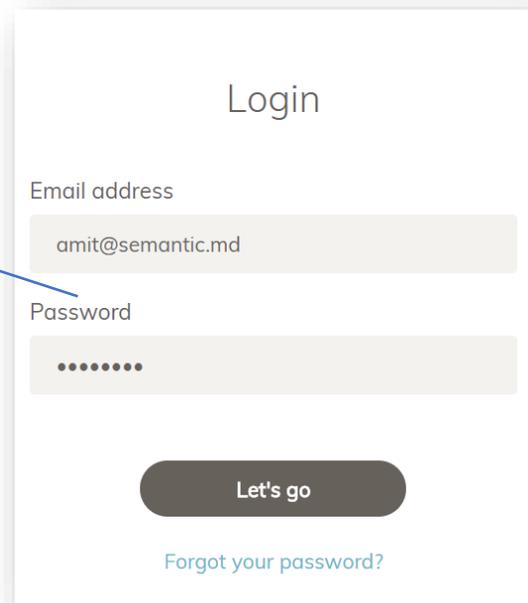
SemanticMD

Getting Started

SemanticMD Cloud

Point your web browser to:

https://cloud.semantic.md

Sign in with your credentials.
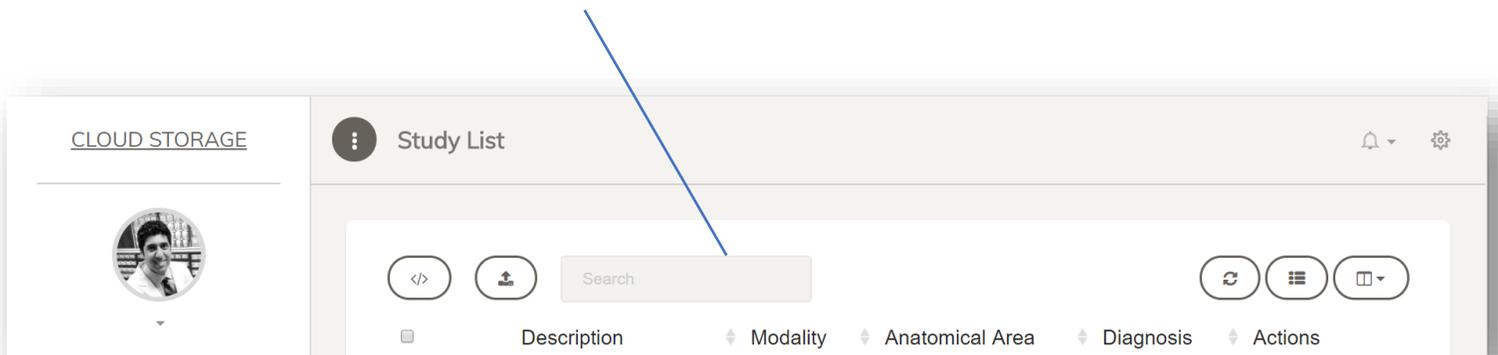
Login

Email address

amit@semantic.md

Password

••••••••

Let's go

Forgot your password?

Study List

After logging in you will be taken to the Study List. You can search for studies using keywords across all available fields.

CLOUD STORAGE

Study List

Search

Description | Modality | Anatomical Area | Diagnosis | Actions

Annotate Reports

After selecting studies, clicking the "NLP button" will automatically apply OCR to attached reports and extract clinical diagnoses (e.g. SNOMED) from the studies.

Annotate DICOM Images

We provide a lightweight, HTML5-based DICOM viewer for rapidly annotating DICOM data. Our viewer is CE-mark certified but not available for diagnostic use.
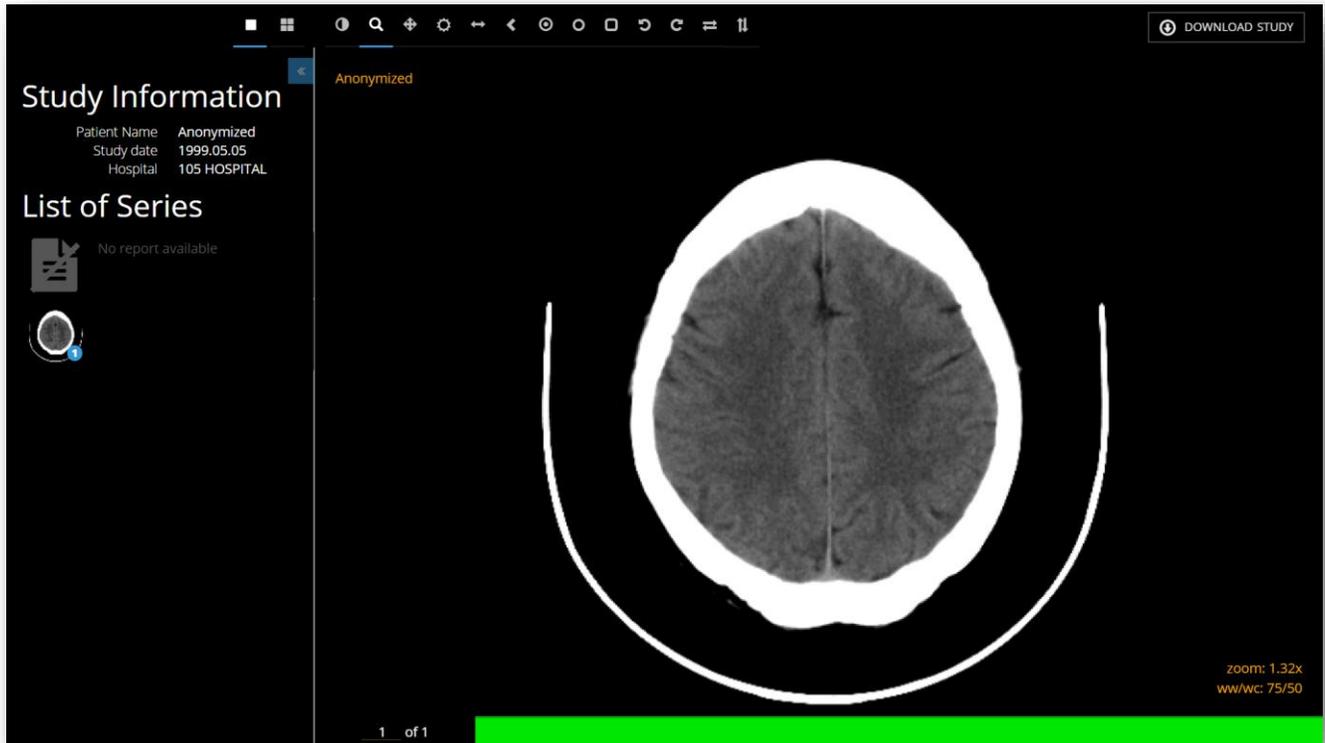
Annotate Gigapixel Images

For all other imaging data, we provide a viewer and rich set of annotation tools capable of handling gigapixel resolution images of any format. Upload your favorite pathology slide or OCT image.

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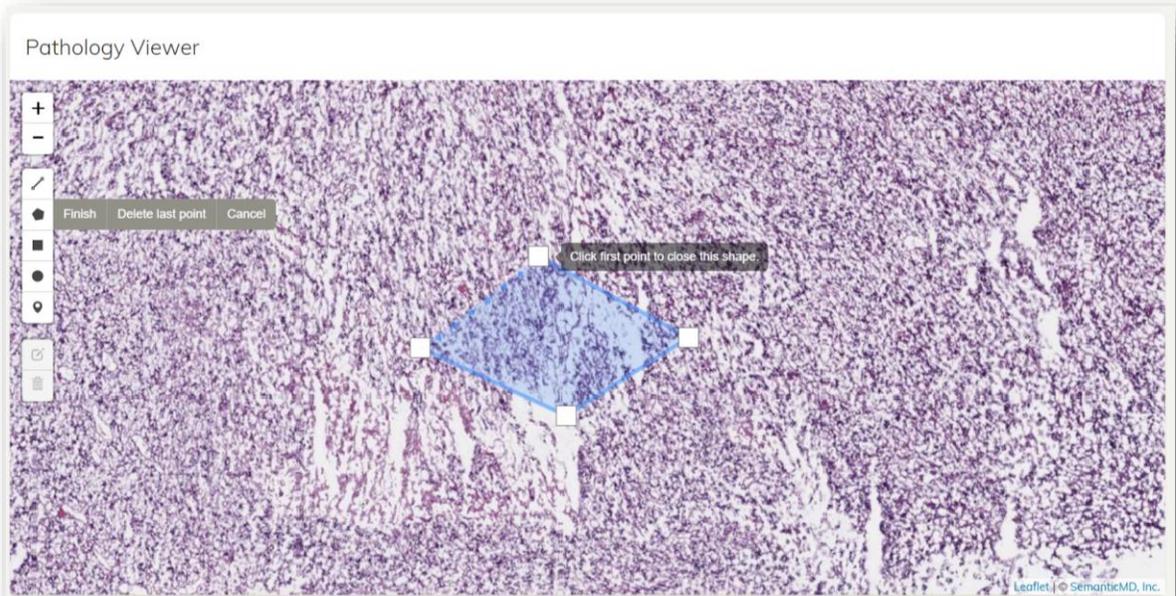
Crowdsourced Annotator

In some cases, you need multiple annotators to establish a ground truth or you may want a human-in-the-loop system for training algorithms. We provide a crowdsourced annotation platform that enables you to gather annotations from multiple sources and schedule tasks across multiple annotators.
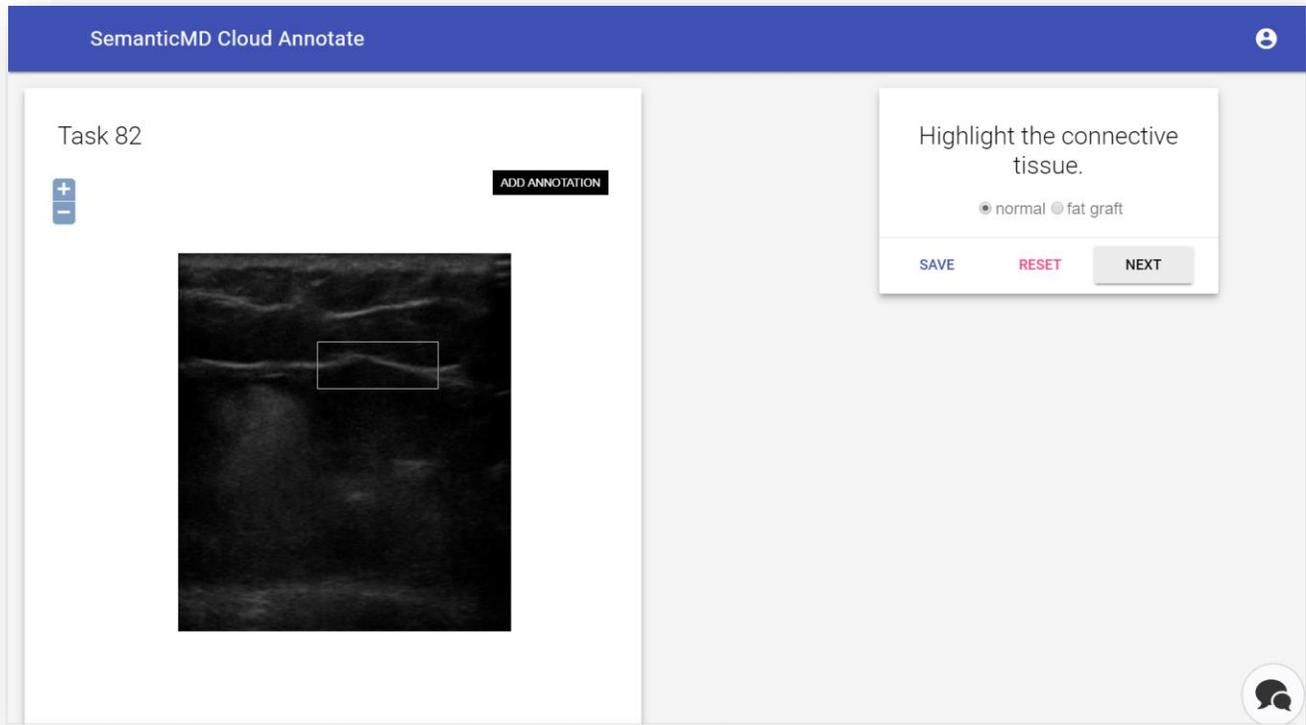
A Platform for Enterprise

Overview

Cloud Annotate gives enterprises a single annotation platform to enable the rapid curation of imaging datasets across and beyond their organizations. It incorporates secure image transport, HIPAA compliance, and robust image annotation control to create customized workflows, but in a smart and governed way.

Configurable Deployment

We know that every enterprise has unique imaging data, reports, and patient populations. Cloud Annotate can be configured to parse your report formats and image formats and integrate the outputs back into your own databases. We provide both cloud and on premise deployments where we optimize our code to fit your compute resources.

Extend with Governance

Cloud Annotate comes integrated with an enterprise-focused clinical trial management platform, and we are partnered with a leading imaging core lab. This provides enterprises a single governance framework to allow for common security, manageability, and scalability. Through our partners we provide de-identification, long-term image storage, auditing and consulting for clinical trials.

About SemanticMD

SemanticMD is a leader in providing medical imaging analytics powered by deep learning. Its portfolio of products meets customers' growing needs from annotating data and self-service analytics to managed, embedded and custom image analysis solutions. Our customers rely on SemanticMD solutions to gain meaning out of medical imaging data from varied sources and exploring the hidden relationships within data that lead to diagnostics, workflow tools, and improved clinical outcomes.