

Maximize the *value* *of your imaging data* with Flywheel

Flywheel powers healthcare innovation by accelerating imaging data aggregation, curation, management and analysis.

Empowering innovative healthcare research

Imaging data holds vast power to unlock breakthroughs in medical research. But 80% of data scientists' time is spent finding, curating and organizing vast amounts of dispersed data, with the remainder left for data analysis.

Flywheel helps institutions in life sciences, healthcare and academia flip the script, giving researchers more time to discover insights from their imaging data. With Flywheel's cloud-native modular platform, you can streamline and scale imaging data management, automate research workflows and enable AI development, with minimal IT investment.



[Request Demo](#)

Save time curating and managing data

Reduce the time it takes to find, manage and make discoveries within your imaging data by centralizing a wide array of imaging data types and their associated metadata.

Enable secure collaboration

Ingest data from multiple sources and curate it to common standards. Allow for data sharing and collaboration across institutions and locations while maintaining security and compliance.

Power greater efficiency

Automate data pre-processing workflows and analytic pipelines. Enable more efficient annotation, blind reader studies, AI development and deployment, and more.

Streamline imaging data management and analysis

Securely discover, manage, curate and compute large amounts of imaging data.

Discover & curate

- Rapid data capture with connectors for PACS, RIS, raw data and file systems
- Support for imaging modalities including CT, MRI, PET, X-ray and more
- Easily find and create cohorts
- Add custom metadata to any object

Automate & analyze

- Automate data pre-processing workflows and AI-powered analytic pipelines
- Create custom Gears or utilize ready-to-use containerized algorithms from the Flywheel Gear Exchange
- Access open APIs and SDKs to enable rapid integration

Security & compliance

- Flywheel Validated Core helps organizations comply with 21 CFR Part 11 for FDA submission
- Maintain security with access-controlled projects
- Access configurable de-identification capabilities
- Ensure full provenance for reproducibility and reusability

How Flywheel is helping researchers accelerate innovation



Stanford researchers cut the time it takes to process imaging data to deliver cutting-edge treatment from two days to under 12 hours.

“ The Flywheel platform enables rapid access to highly-curated imaging data, enhancing our ability to answer key scientific questions that are critical to advancing better patient care experiences and outcomes. ”

— James Sabry, Head of Roche Pharma Partnering



University of Wisconsin researchers developed an AI model with diagnosis accuracy of 94%, outperforming thoracic radiologists by 9%

Our experienced professional services team can build your Flywheel instance to support your specific needs. We can train your team, consult on your workflow needs and provide ongoing services to supplement your data science talent.

Get Started