

Rave Imaging

Re-engineer Clinical Trial Image Management

The use of medical imaging in clinical trials is growing rapidly. Roughly 50% of all clinical trials use medical imaging as an endpoint or for eligibility criteria. And in therapeutic areas like oncology, nearly all trials rely on medical imaging.

Unfortunately, processes and systems for managing medical images in clinical trials have not advanced. Many sites and core labs still ship CDs and film – an antiquated process that is timely, costly and labor intensive. These challenges can introduce error and potentially jeopardize time-to-market for new drugs and devices.

For organizations already using a conventional electronic delivery system, these tools digitize the manual process but don't provide a solution for the long-standing problems in medical image management. The focus of conventional systems is image delivery, simply moving images from point A to point B. They do not address key management items like de-identification, edit checks, blinded reviews, and adjudication. Further, these systems often cannot manage large, complex datasets effectively, and the workflow is still labor intensive. In the end, conventional electronic systems introduce similar pain points as manual shipments.

Rave Imaging (formerly Medical Imaging) is changing the way the industry thinks about imaging in clinical trials. Our system's intelligent workflows simplify image and data collection and are configured to immediately perform edit checks and de-identification during the image upload process. The system then automates the distribution and review process after upload, per your protocol design. What does this mean for you? Our system's structured approach to image submission dramatically reduces the query rate and ensures the most accurate data is distributed to the right users at the right time.

Additionally, Rave Imaging works with any network, any image format, and any data set, making it a truly scalable system for your trials. We provide industry-leading, around-the-clock professional and technical support to ensure your clinical trial is managed as efficiently and effectively as possible.

Rave Imaging transforms a manually intensive process that doesn't align with the workflows of study participants into intelligent, guided workflows that align with the industry's evolving clinical development strategies. By optimizing workflow, reducing manual steps and increasing data visibility, we are minimizing the risk and complexity of medical image management in clinical trials and ensuring accurate, timely completion of study goals.

“Medidata Rave Imaging has been an invaluable partner in our commitment to delivering the highest standard of quality and reliability. The platform has helped us improve workflow efficiencies, reduce queries, optimize security, and transparency and confidence in the image transfer and management process.”

- Nicholas Wharton, co-founder and senior vice president of Medical Metrics, a Rave Imaging customer and partner since 2013.

Rave Imaging's Benefits Compared to CDs And Film

- Automated Image De-Identification
- Less Expensive
- Secure and Compliant
- Real-Time Imaging Protocol Checks
- Real-time Collaboration

Rave Imaging's Benefits Compared to Conventional Electronic Systems

- Intelligent: Configurable workflows, imaging protocol edit checks, and image de-identification
- Lab agnostic: Able to integrate with any core lab team or network without customization
- Scalable: Used in 5,000+ global locations with nearly 30,000 registered users

Workflow Features

- Configurable, intelligent workflow management, including blinded reviews and adjudication to support on-time completion of all steps in the clinical trial
- Configurable, automated de-identification during image upload to ensure images are de-identified prior to leaving site
- Structured image submission process that complements user work process to minimize data entry and workflow steps and reduces the chance of error during image selection
- Configurable edit checks of all data prior to submission to reduce query rate

Rave Data Capture and Management

It Starts with Data Capture

Rave Data Capture and Management is a product suite that powers clinical trials of the future including virtual, mobile, adaptive, and master protocols. It seamlessly captures and integrates all data streams and biomarker measurements that today's targeted therapies demand, going beyond clinic and lab data to also include data from sensors, apps, images, genomics and RWE (Real World Evidence)

By capturing and integrating such a wide array of study data, **Rave Data Capture and Management** also automates many of the most challenging data management workflows across randomization, supply, coding, and safety. It is now possible for a patient to be electronically consented, randomized, provided their first supply, and automatically be coded – all in their first visit.

About Medidata

Medidata is reinventing global drug and medical device development by creating the industry's leading cloud-based solutions for clinical research. Through our advanced applications and intelligent data analytics, Medidata helps advance the scientific goals of life sciences customers worldwide, including over 950 global pharmaceutical companies, biotech, diagnostic and device firms, leading academic medical centers, and contract research organizations.

The Medidata Clinical Cloud® brings a new level of quality and efficiency to clinical trials that empower our customers to make more informed decisions earlier and faster. Our unparalleled clinical trial data assets provide deep insights that pave the way for future growth. The Medidata Clinical Cloud is the primary technology solution powering clinical trials for 18 of the world's top 25 global pharmaceutical companies and is used by 18 of the top 25 medical device developers— from study design and planning through execution, management and reporting.

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