December 15th, 2025

Leuven, Belgium

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De-identification and image transfer

Kyle Lunn

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De-Id & Secure Transfer: Critical Foundation

- Global IUS adoption in clinical trials is accelerating
- DICOM compliant & secure transfer supports data integrity, audit readiness, and scalability
- Data privacy is a non-negotiable

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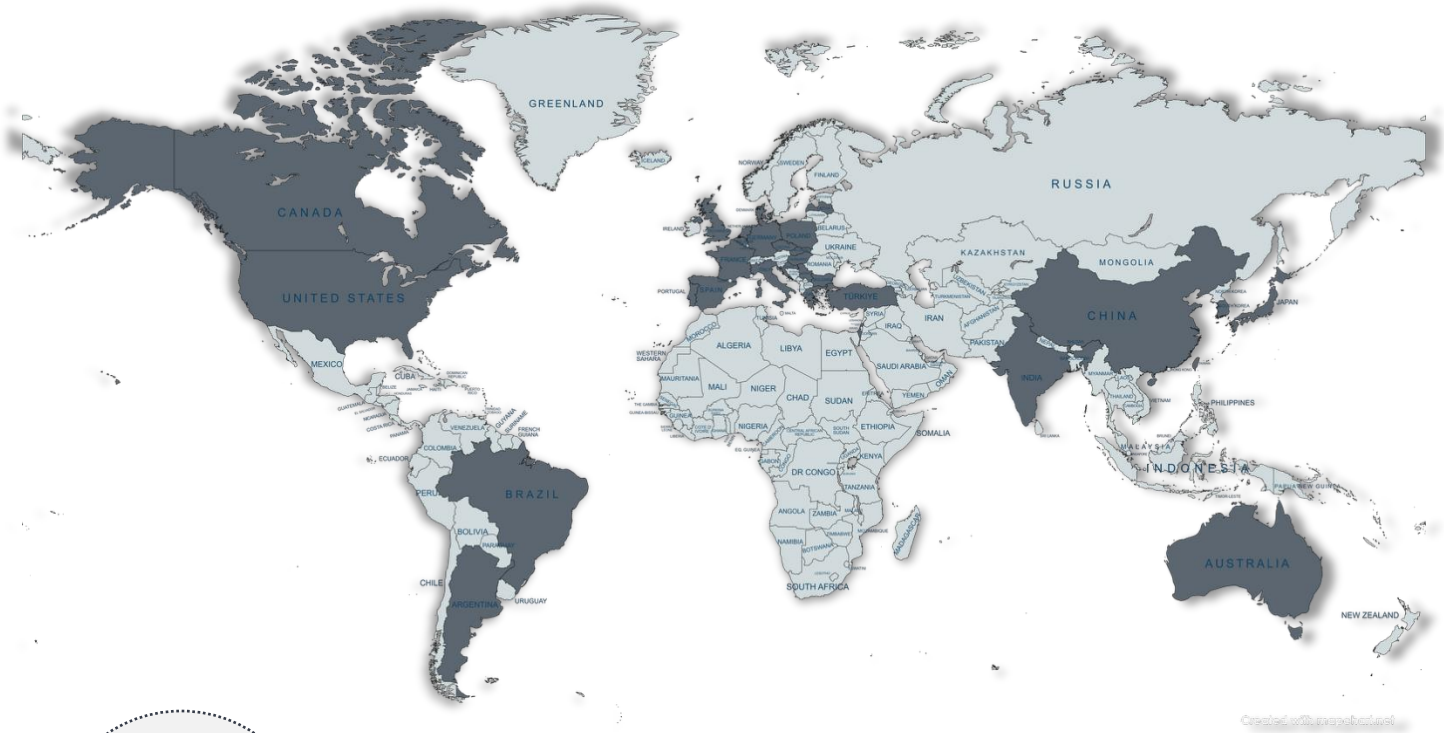
Global Operational & Technical Observations

Heterogeneous site infrastructure

- IT resources
- Machine configurations & licensing
- Local IUS data flow

Operator Support

Data Queries



24 Months

30 Countries

183 Unique IBD Sites

Argentina, Australia, Belgium, Bulgaria, Brazil, Canada, China, Czech Republic, Germany, Denmark, Spain, France, United Kingdom of Britain, Greece, Croatia, Hungary, Israel, India, Italy, Japan, South Korea, Latvia, Netherlands, Poland, Portugal, Serbia, Slovakia, Turkey, Taiwan, United States of America

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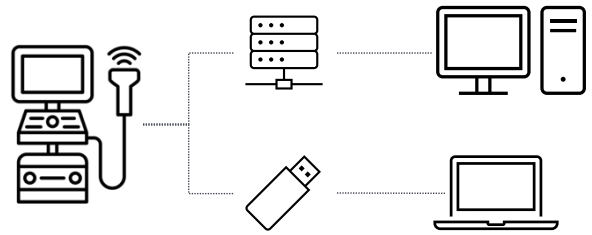
Data Queries

Diverse Dataflow Paths



De-identification

- DICOM Metadata
- Pixel Data

Compression Considerations

Clinical trials require uncompressed or lossless compressed data to prevent information loss and image fidelity. PACS archives may down sample or compress data to mange file size and storage expense.

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Driving Compliance, Integrity & Scale

Fit-for-purpose Hardware & Software

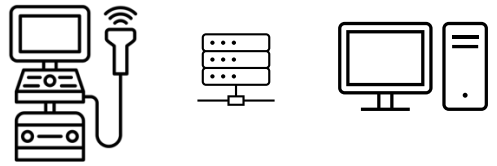
- DICOM Export License
- Service Agreement
- Uncompressed data export
- Anonymization Tools

Minimally required anonymization post-acquisition

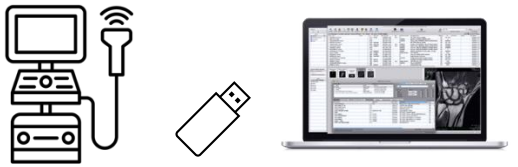
DICOM for Interoperability & Integrity

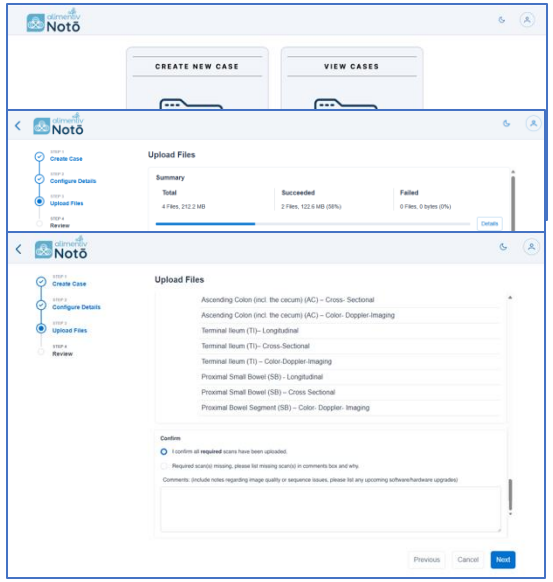
Coordinated Local Dataflow Paths to Secure iCRO Upload

IT supported workflow



Off the shelf tools for purchase





Acquisition → ***De-identification*** → ***Secure Upload*** → *QC* → *Central Review.*

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