



Shaping Healthcare Possibilities

Cloud-based Imaging Platform

Leading Global Medicines Company

Business Challenge

- Integrate multimodal images from different clinical trials
- Leverage clinical images to enhance organizational knowledge of disease, treatments in the real world
- Develop a single go-to source for primary and secondary use of images across the company
- Integrate different viewers across use cases like ophthalmology and neurology



CASE STUDY

CITIUSTECH SOLUTIONS

- Recommended the strategy and implementation plan for imaging metadata classification and cataloguing.
- Designed end-to-end workflows with image acquisition, processing, storage, curation and visualization for downstream analytical use cases.
- Created a metadata layer with de-identification, validation and standardization of DICOM and Non-DICOM imaging modalities.
- Enabled data lineage and use of ontologies to make data accessible and interoperable.
- Developed a search & run algorithm for ML and analytics.
- Enabled democratization of curated image data to generate deep insight.

VALUE DELIVERED

25+

DICOM parameters converted to rules

100%

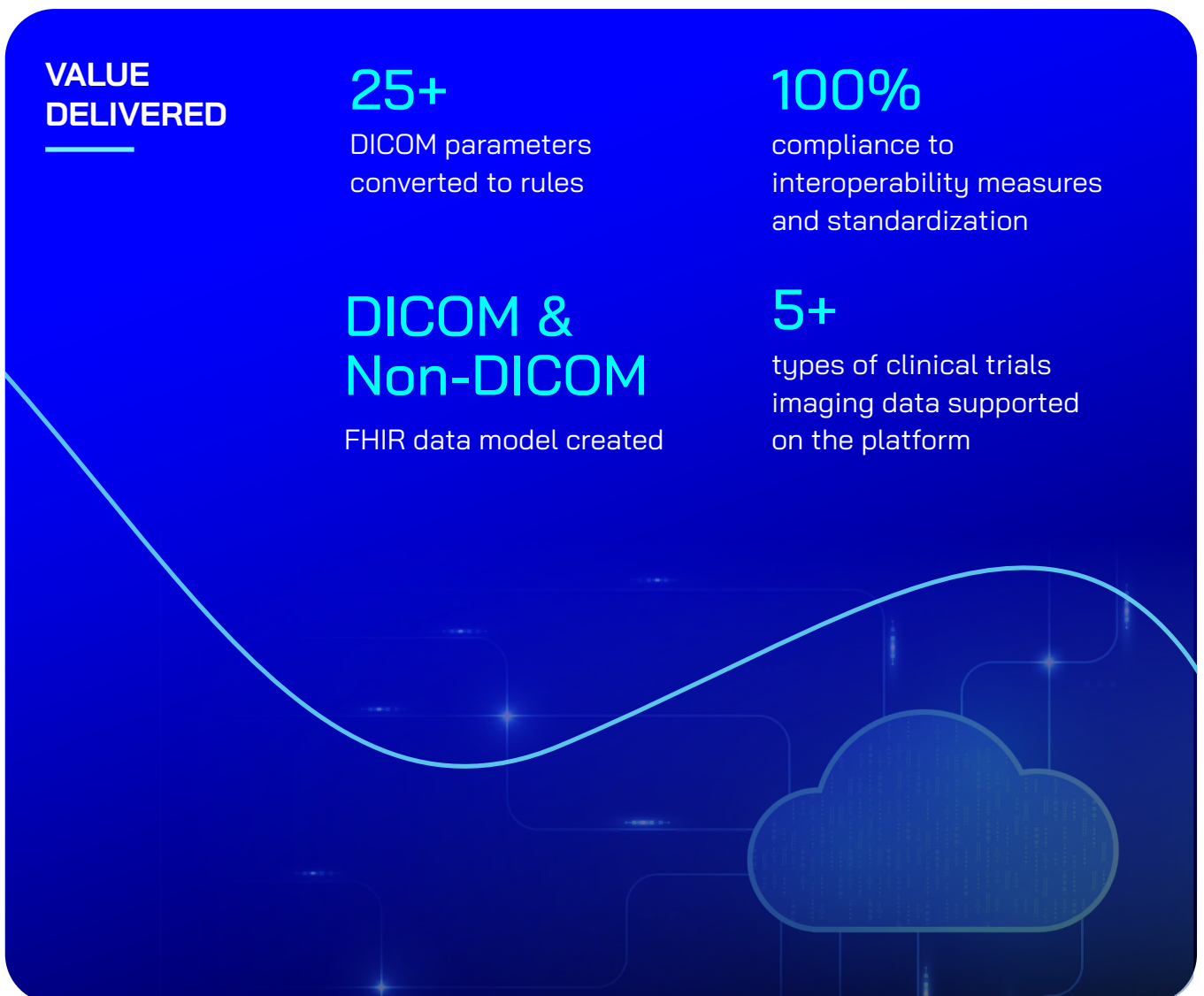
compliance to interoperability measures and standardization

DICOM & Non-DICOM

FHIR data model created

5+

types of clinical trials imaging data supported on the platform





Shaping Healthcare Possibilities

CitiusTech is a global IT services, consulting, and business solutions enterprise 100% focused on the healthcare and life sciences industry. We enable 140+ enterprises to build a human-first ecosystem that is efficient, effective, and equitable with deep domain expertise and next-gen technology.

With over 8,500 healthcare technology professionals worldwide, CitiusTech powers healthcare digital innovation, business transformation and industry-wide convergence through next-generation technologies, solutions, and products.

www.citiustech.com

Shaping Healthcare Possibilities

