



HEALTHCARE & LIFE SCIENCES

MULTIMODAL AI

THE CHALLENGES OF MULTIMODAL AI

Predictive and generalizable AI models need different data types, used together in training.

Multimodal AI can be difficult without the right tools, and presents compliance difficulties, as de-identification and regulatory hurdles require a careful, educated, and often expensive approach.



SUMMARY OF OUR SOLUTION

TripleBlind eliminates the barriers to multimodal AI by offering an easy-to-use set of Blind AI Tools.

All types of data can be combined to train a model.

TripleBlind retains compliance with all regulations, simultaneously, and mathematically.

This allows for the training of more accurate models, without the lost time and legal hurdles usually associated with data collaboration.



EXAMPLE CUSTOMERS
Research Hospital

DATA OWNER
Hospitals, Diagnostics centers, Pharmaceutical Developers

DATA USER
Hospitals, Diagnostics Centers

EXAMPLE DATA TYPE
Any Image, Text, Tabular, Voice, Video, or Sound Data

REACH US

Connect with the TripleBlind team today!

[www.
tripleblind.ai](http://www.tripleblind.ai)

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tripleblind.ai](mailto:contact@tripleblind.ai)

LEARN HOW WE DO IT

COMBINING DATA & ALGORITHMS WHILE PRESERVING PRIVACY & ENFORCING COMPLIANCE



TRAIN BETTER MODELS

The current regulatory landscape makes collaboration with disparate siloed datasets difficult, time-consuming, and costly.

Research hospitals need data that spans a vast array of features in order to train and deliver highly accurate AI diagnostics.

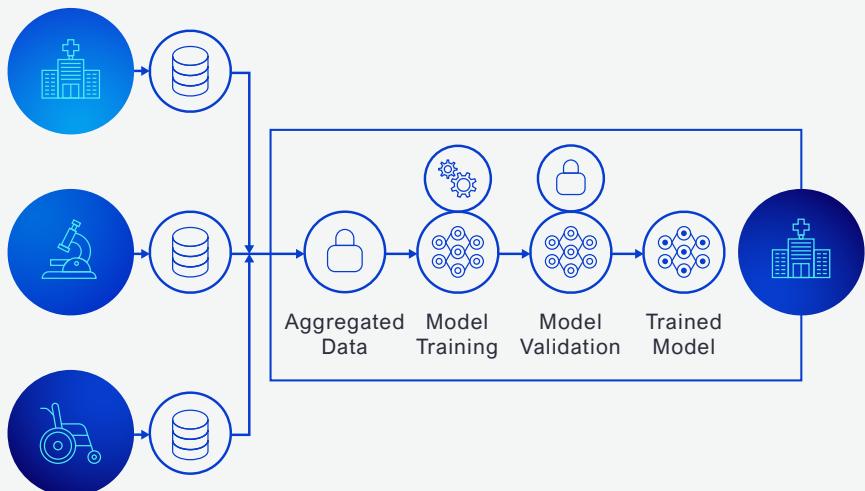
Hospitals, diagnostic centers, and nursing homes, can leverage TripleBlind's privacy enhancing computation to collaborate with a research hospital on the training of models.

Everyone benefits when privacy is used to enable collaboration.

Vast amounts of Healthcare and Life Sciences data stored by enterprises today are inaccessible and underutilized due to privacy concerns, operational complexity and regulations. TripleBlind unlocks the intellectual property value of data while automatically enforcing compliance with GDPR, HIPAA and other privacy regulations.

PARTNER HEALTH FACILITIES

RESEARCH HOSPITAL RUNNING TRIPLEBLIND ON THEIR INFRASTRUCTURE



DATA PRIVACY THAT IS SUPERIOR TO...

HOMOMORPHIC ENCRYPTION

We're orders of magnitude faster, more versatile, and scalable.

SECURE ENCLAVES (CONFIDENTIAL COMPUTE)

Our solution allows data decentralization and software updates, unlike hardware solutions.

TOKENIZATION

Higher accuracy with 100% data fidelity, no hashing or masking.

SYNTHETIC DATA

Private operations on real data preserve data relationships that are lost in synthetic data.

DIFFERENTIAL PRIVACY

We don't add noise to the dataset that would impair results.

FEDERATED LEARNING

Blind Learning has the highest privacy for training AI models, lowest computational and communication loads, and ensures that no party ever sees the entire model.