inpher

Build Better Models with Sensitive Data

For a wide range of organizations, the ability to securely perform advanced data analysis is becoming a necessity. Inpher's capabilities enable our corporate and government partners to develop their data-driven platforms based on customer consent, privacy and trust.

We build category-leading software for customers to future proof their privacy engineering process and derive value through the development of better ML models and Responsible AI.

Inpher is a U.S.-based technology company enabling customers to analyze sensitive data across silos to build better machine learning models. Our XOR Platform powers federated analysis of sensitive data with cryptographic security through the use of privacy-enhancing technologies.

TECHNOLOGIES

- Secure Multi-Party Computation (MPC)
- MPC with Single-Source Stream Ingestion
- Federated Learning
- Private Set Intersection
- Differential Privacy Through Localized Noise Injection
- Federated Learning + MPC for Large Numbers of Data Sources & Devices
- Fully Homomorphic Encryption
- Support for Third Party Privacy-Enhancing Technologies
- Quantum Resilient Cryptographic Primitives

CAPABILITIES

- Remote Analytics and Statistics on Restricted Data
- Secure Analytics on the Cloud & High-Low Environments
- Confidential Data Discovery and Exploration
- Secure SQL Operations
- ML Model Training and Predictions
- Secure Graph Analysis
- Programming API
- Entity Resolution with Explicit & Fuzzy Matching
- Supports Complex ML Algorithms
- Data Re-identification Prevention
- Model Poisoning Prevention
- Secure/classified environment deployed