Better AI, together, without sharing your data.

Federated learning trains one AI model on many sites' data while every record stays where it is. InteFL helps you design it: secure, reliable and tuned to your needs.

Plug-in

add your own AI task, models, and environment

Cross-domain

spanning from medical imaging to financial data

LLM-ready

train large language models tailored for your needs

WHO IT'S FOR

For anyone whose best data is spread across sites

Hospitals & health networks

Learn from patients across hospitals while records stay on site.

→ A setup designed around your sites and your data.

Banks & insurance companies

Spot fraud and risk patterns across branches and partners.

→ Shared models, with customer data kept in place.

Industry & connected devices

Improve models across plants, devices or vehicles.

→ A setup that stays accurate even when some devices are noisy.

AI & software companies

Add privacy-preserving training to your product.

→ Launch with a configuration backed by evidence.

Research labs & universities

Explore federated learning without months of setup.

→ 20+ integrated methods, a visual editor and an AI assistant.

A different use case?

Tell us about your data and goals. We'll design a pilot study with you.

Contact details on page 3 →

WHY FEDERATED LEARNING

More data for your AI, without moving it

Each site trains on its own data and shares only what the model learned, never the data itself. Everyone gets a model built on all of it.

+16%
better prediction accuracy than models trained at a single site
20 hospitals · Dayan et al., Nature Medicine 2021

+38%
better results on other hospitals' patients
Same study, generalizability across sites

We handle the expert part

These gains depend on the setup: how sites' updates are combined, and how unreliable or tampered contributions are caught. That is our specialty. InteFL finds the right setup for your data, with the protection against tampering that FDA, NIST and EU AI Act guidance call for.

SECURITY, PROVEN IN OUR PEER-REVIEWED RESEARCH

96.8%
accuracy kept under attack: every tampered site excluded, no honest site dropped
vs 89.9% with no protection
IEEE DSN 2026

50×
less server computing time than the next-fastest protective method
2–5 ms vs 100–200 ms per round · same paper

−34%
fewer successful attacks, without knowing how many attackers there are
up to, vs. standard averaging · same paper

WHAT YOU GET

Your data, your environment, your secure setup

Tailored for your needs
Uses your data and your sites' conditions, so results match reality.

Any kind of data
Images, scans, text, language models, tables, or your own models.

Secure by design
Checks every option against faulty and tampered data before launch.

20+ proven algorithms
Tailors approaches to combine what sites learn, including our own.

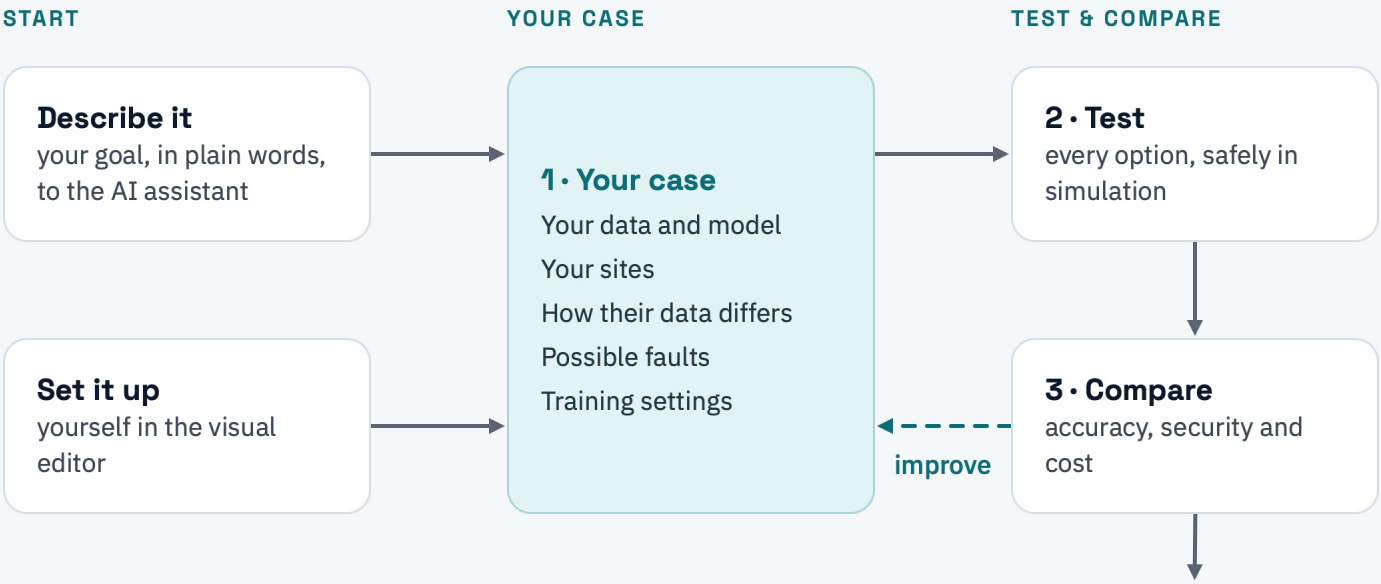
A clear report
Your recommended setup and the evidence behind it, ready to deploy.

No expertise needed
Describe your goal in plain words; the AI assistant does the setup.

HOW IT WORKS

From your data and goal to your best setup

You bring your data and goals. InteFL evaluates the options and reports the setup that suits you best.



4 · Your deployment configuration and report
The federated learning setup that suits your data and environment best, with the evidence behind it.

TEAM · DATA QUALITY LAB
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PUBLISHED RESEARCH

- **InteFL: Framework for AI-assisted design of trustworthy and efficient federated learning applications** · WCCI 2026
- **InteFL framework: Optimizing federated learning with metacognition for application design and deployment**
  IEEE Intelligent Systems 2026
- **Computationally efficient anomaly detection and exclusion for practical and robust federated learning**
  IEEE DSN 2026
- **Automating research and development of dependable federated learning systems**
  IEEE DSN-S 2026

LET'S TALK

Let's design your secure federation

Tell us about your data and goals. We'll run a first study with you.

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