

# Conversations as critical infrastructure

Building ethical AI systems that unlock human knowledge

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# Fireflies: Your AI teammate for meetings

- Serving **20M+** people in over **500,000** orgs
- Users at **>75%** of the Fortune 500
- **3B+** meeting minutes processed
- Profitable since **2023** (raised **\$19M** Seed & Series A)
- **120** employees across **20** countries, fully remote
- **70%** of team on R&D — no VP of Marketing or Sales

# The paradox

- We spend 23 hours per week in meetings
- 70–80% of knowledge vanishes as soon as we leave them

**The ethical dilemma:** How do we capture knowledge — without compromising privacy, trust, or human agency?

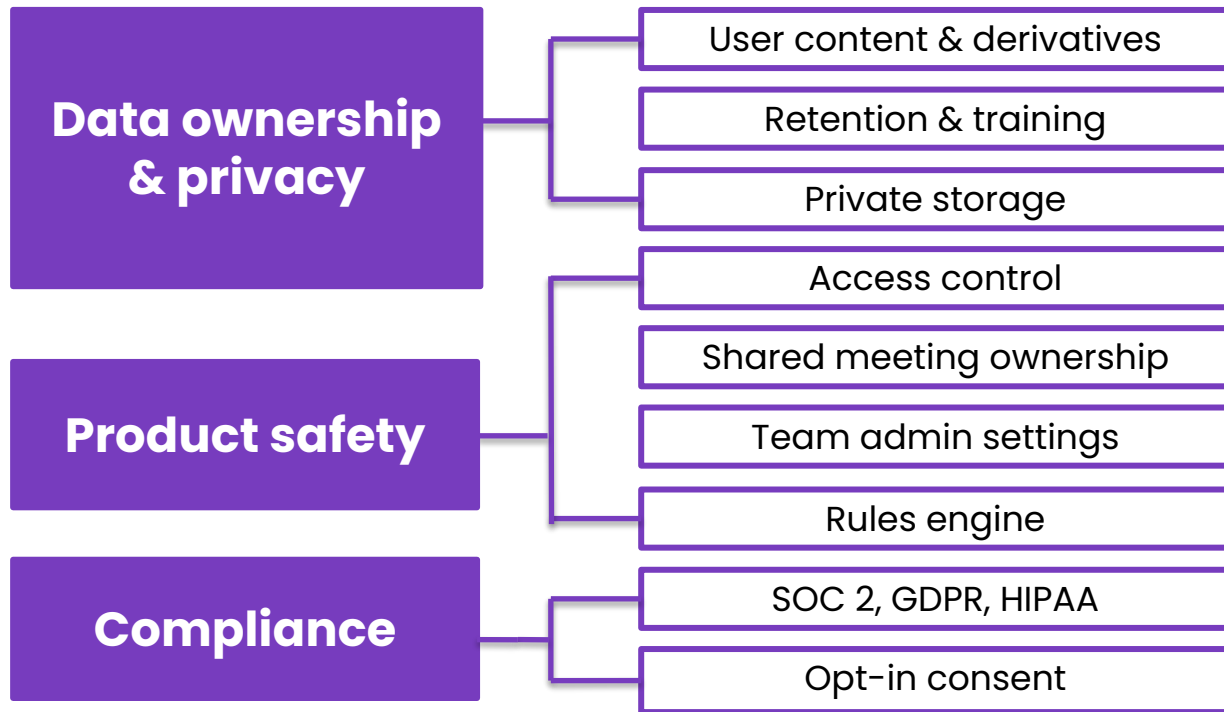


# What we'll talk about today

- Practical frameworks for ethical AI development
- Real-world implementation lessons
- Actionable insights you can apply immediately
- How to build AI that creates value *and* maintains trust

# Three pillars of trustworthy AI

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# Pillar 1: Data ownership & privacy

**Principle:** Users must have true control over their data — not just promises

## Fireflies approach:

- Private storage — customers own their data
- Never training on customer data
- One meeting, one recording — no duplicates



**Takeaway:** Ask "Who can access this data?" before writing any code

# Pillar 2: Product safety

**Principle:** Safety isn't about limiting functionality  
— it's about thoughtful design

## Fireflies approach:

- Team permission models reflecting real org structures
- Admin controls prevent accidental data exposure
- Rules engine for automation & extensibility



**Takeaway:** Design against "What's the worst that could happen?"



# Pillar 3: Compliance as competitive advantage

**Principle:** Industry standards are the floor, not the ceiling

## **Fireflies approach:**

- HIPAA compliant → unlocked healthcare market
- Consent as a first-class citizen
- Adaptable infrastructure that exceeds requirements



**Takeaway:** Design beyond the strictest customer today to win the rest tomorrow

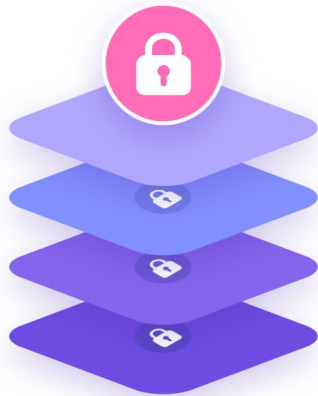
# Case study: From principles to product

# Evolution of ethical AI at Fireflies

- 2019: Simple transcription — the "original" AI agent
- Challenge: How to expand value without compromising trust?
- Solution: Layer-by-layer approach to features

# The layered approach

- **Core layer:** Secure transcription & notes
- **Layer 2:** Department-specific AI skills (post-meeting automation)
- **Layer 3:** Real-time intelligence (Talk to Fireflies)
- Each layer maintains same security principles



# Critical decision points

- **When offered data to train models:** We said no, choosing user trust
- **When building for teams vs. individuals:** We chose shared access
- **When entering regulated industries:** Got compliant instead of avoiding complexity
- **When scaling:** We hired across 20 countries — a worldwide company builds a global product

# Practical frameworks for your AI journey

# Framework 1: Trust-first architecture

**Before any feature:** "How does this impact trust?"

## Questions to ask:

- Who owns the data?
- Can users delete it?
- Would I want my most sensitive conversations processed this way?

**Example:** AI app store | user owns derivatives of meeting content

# Framework 2: Value-ethics matrix



**Example:** Private storage implementation (high value, high risk)



# Framework 3: Build vs. buy vs. partner

## Evaluation criteria:

- **Build in-house:** When it's core to your competitive advantage and you need full control
- **Buy/integrate:** When proven solutions exist and speed to market matters more than customization
- **Partner strategically:** When you need specialized capabilities but want to maintain focus on your core product

**Example:** Partnership with Perplexity for in-meeting web search

# Lessons from the trenches

# What we learned from building Fireflies

**Constraints breed innovation:** Limited funding forced creative solutions

**Trust compounds:** Early security investments pay massive dividends

**Talk to your users:** Iterate quickly based on user feedback

**Global teams create global products:** Diversity isn't just ethical, it's practical

# The future we're building

AI teammates that amplify human potential

Enhancing connection, not replacing it

Conversations are critical infrastructure — build responsibly

## Your call to action

Build AI you'd trust  
with your most  
important conversations

# Thank you!

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