# Why This Is a New Paradigm AI as a Single Document

Traditional AI depends on massive cloud servers and huge datasets. Here,

the AI is compressed into a single 54KB HTML file. The file itself is the engine, not just an interface.

# Execution Without Servers or Internet

Most AI systems fail without connectivity. This design runs entirely in a browser, with no network calls at all. It functions during blackouts, wars, or censorship—domains where mainstream AI is unusable.

# Ethics by Design, Not as an Add-On

Unlike data-hungry AI models, this system collects no personal data. It is structurally aligned with GDPR, UNCRC, and CRPD, proving that 'AI without surveillance' can exist.

# Field-Ready and Community-Driven

Refugee camps, disaster zones, and low-infrastructure states cannot depend on data centers. By turning discarded smartphones into self- sustaining alert nodes, local communities can operate and maintain AI themselves.

# Extreme Lightweight with Full Transparency

While modern AI is often opaque, this system exposes every vector, similarity measure, and weight update in code. It is simultaneously ultra- lightweight and fully explainable—a combination rarely seen in AI research.

In short, this project is not merely a 'smaller AI,' but a redefinition of what AI can be: lightweight, offline, ethical, transparent, and field-sustainable. That is why it deserves to be called a new paradigm.

**Founder: Gyumin Jeon (English name: Morgan J)** [**https://mcorpai.org/**](https://mcorpai.org/)

This initiative is provided free of charge and operates through an ultra- lightweight, data-free, fully offline architecture as an ethical form of artificial intelligence. Its purpose is not to harvest data, but rather to embody a technology grounded in human judgment, responsibility, and ethical principles.

**For your reference, the document includes three AI engines.**

**A Single Image in Size — Yet Containing Three Full AI Engines**

The **54KB Offline AI** is no larger than a single image file.  
Yet inside this tiny HTML document reside **three distinct AI engines**,  
each operating **fully offline** and **without any need for servers or internet**.

### The Three Embedded AI Engines:

**1. k-NN AI – “Have we seen something like this before?”**  
When a new signal is received,  
the AI searches past data to ask:  
**"Which previous cases are most similar?"**  
This is the **k-Nearest Neighbors algorithm (k-NN)** at work.

**2. RLS AI – “Instant adaptation to human feedback”**  
Whenever field staff **confirm or dismiss an alert**,  
the AI immediately adjusts its **internal weights**  
based on that feedback.  
This is **Recursive Least Squares (RLS)**—a form of real-time, online learning.

**3. Thompson Sampling AI – “Probability-driven decisions under uncertainty”**  
The AI models each country or situation as a **Beta-Bernoulli process**.  
As observations accumulate, the posterior distribution is updated.  
At each decision point, the AI samples from this distribution to  
autonomously determine whether to **explore further** or  
**issue a warning** based on the assessed risk level.  
This is the **Thompson Sampling** algorithm.

All of this exists within a **single 54KB HTML file**.  
No server. No internet. No cloud infrastructure.  
Just one click—and the AI is live.  
In war zones, blackouts, or censorship, this engine  
**thinks, adapts, and protects—entirely on its own**.  
This is not just a smaller AI.  
It is a redefinition of what AI can be:  
**lightweight, ethical, transparent, and field-ready**.