



DEDRIX AI

The Autonomous Business Brain

Predictive Intelligence.
Autonomous Workflows.
Cognitive Growth.



DEDRIX AI

Dedrix AI is the cognitive layer of your enterprise engine. By merging advanced machine learning with your live ERP data, it transforms a standard management system into an autonomous, self optimizing ecosystem. It doesn't just store your data, it understands it, predicts it, and acts upon it.

Elevate Your Enterprise with Cognitive Intelligence

In the modern business landscape, organizations are drowning in data but starving for actionable intelligence. Most enterprises struggle with data silos, where information is trapped in disconnected tools, leading to inconsistent definitions and a complete loss of trust in reports. Up to **73% of company data goes unused because legacy systems cannot process the sheer volume in real time**, forcing leaders to make time sensitive decisions based on stale or "blind" intuition. This fragmentation doesn't just slow down operations; it creates massive technical debt and operational blind spots that hinder competitive agility.

In other hand, modern enterprises face a critical choice between convenience and control. Relying on Cloud AI introduces significant strategic disadvantages:

Privacy Vulnerabilities:

Sensitive business data is transmitted to third-party servers, increasing the risk of data leakage, unauthorized profiling, or exposure through provider-side breaches.

Unpredictable Costs:

Pay-per-use models and hidden egress fees can cause expenses to spiral unpredictably as heavy workloads scale.

Performance Bottlenecks:

High network latency (often 500ms–1000ms+) and total dependence on internet stability can lead to operational disruptions during connectivity failures.

Data Exploitation:

Many cloud providers use incoming customer queries to train their own foundation models, effectively losing the organization's control over its proprietary intellectual property.

Dedrix AI : Your Private Neural Engine

To resolve the critical failures of fragmented data and the vulnerabilities of cloud dependent systems, Dedrix AI by Devazion delivers a unified, localized intelligence layer that transforms your enterprise into a proactive powerhouse through these six strategic pillars.

1 Unified Data Orchestration

Centralize fragmented data into a single, real-time "source of truth" replacing static reports with live, autonomous intelligence.

2 Absolute Data Sovereignty

Keep sensitive intellectual property entirely under your roof; data stays on your local mesh, never touching third-party cloud servers.

3 Ultra Low Latency Performance

Achieve instant, sub 100ms decision making by processing intelligence locally, eliminating the lag and delays of internet dependent models.

4 Flexible Open AI Workflow

Build and deploy your own AI-enabled tools, a modular environment allows you to create custom automations tailored to your specific logic.

5 Fixed Cost Predictability

Eliminate spiraling cloud API fees and token costs, a one-shot infrastructure model turns advanced AI into a permanent, manageable asset.

3 Total Operational Resilience

Guarantee continuity with 100% offline functionality. Your business brain remains fully operational even during total internet outages.

The Cognitive Architecture: The Local Brain

At the core of the system sits the **Local AI Brain**, an orchestrator that manages complex reasoning, pattern recognition, and autonomous decision-making without requiring external cloud connectivity.

Core Component

Strategic Function

The Reasoning Brain

Local LLM: Natural language & data analysis

Visual Playbooks

Visual Playbooks: Drag-and-drop autonomous logic

Knowledge Lake (RAG)

Knowledge Memory: Reliable, multi-source document ingestion

Tool Orchestrator

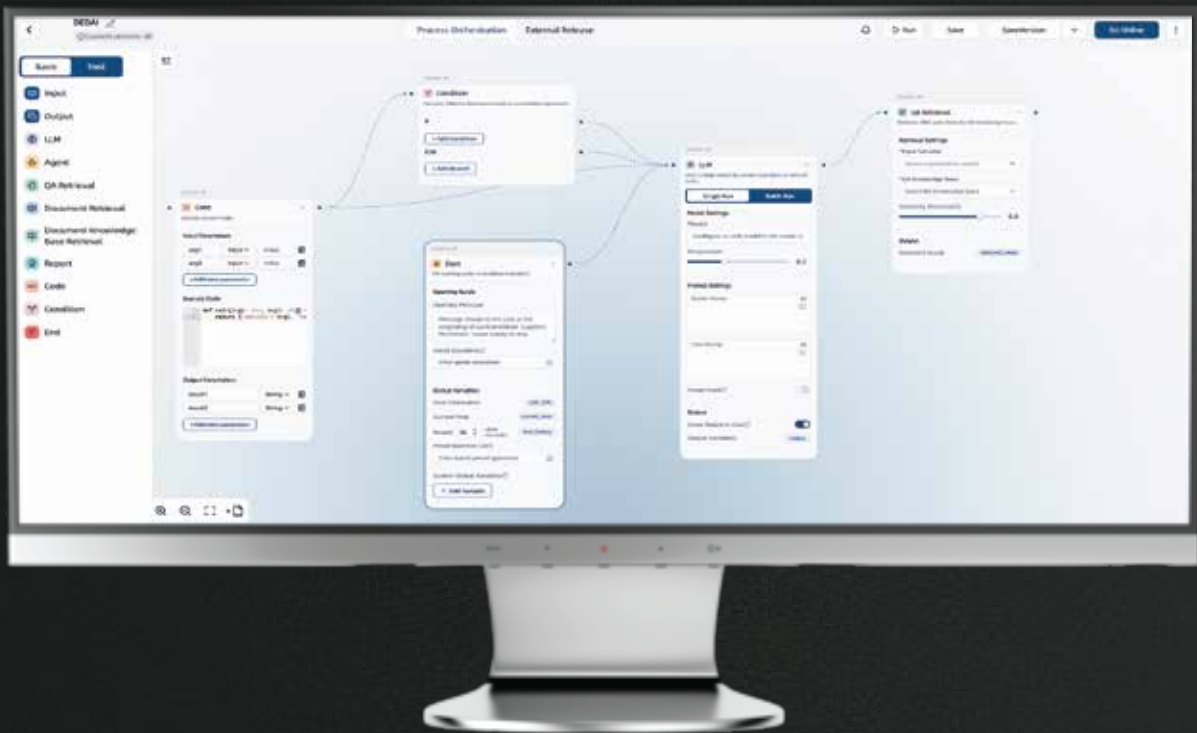
Manages the interaction between the AI and your local databases or hardware

Cognitive Monitoring

Real-time health tracking of the AI engine and local compute resources

3rd Party Connectors

Open Connectors: Securely trigger external actions via MCP/API



Integrated Workflow Flow

The platform creates a seamless loop where raw data is converted into immediate, autonomous action:

Data Ingestion: Information from all departments is fed into the Knowledge Lake.

Cognitive Analysis: The Local AI Brain identifies trends, risks, or anomalies.

Autonomous Action: The Brain triggers a Visual Playbook to execute a task, such as drafting a report or alerting a manager.

Infrastructure & Deployment (The Local Mesh)

The DevOX division ensures that this "Brain" is perfectly calibrated for your specific hardware, utilizing advanced acceleration to deliver enterprise speed on-premise.

Sovereign Local Node: All AI computations are performed on your local serverless mesh, ensuring total privacy.

Universal Web Access: Secure browser based management for your team, accessible via your internal network.

Offline Intelligence: The Brain remains 100% operational even during total internet outages, guaranteeing resilience.

Hardware Optimization: DevOX uses model quantization to run high-performance AI on standard local workstations.



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