



Transforming Healthcare Operations

mimik HybridTrax, powered by mim OE, offers a flexible, secure, and cost-efficient solution for modernizing healthcare operations, empowering providers to deliver more responsive, private, and reliable care in real-time, crucial for both urban hospitals and remote clinics. Hybridtrax enables secure, real-time and localized data processing, device orchestration, and workflow automation at the edge, driving efficiency, privacy, and cost savings for healthcare operations.

Hybridtrax leverages edge and cloud AI to manage patient data, diagnostics, resource tracking, and emergency alerts directly at the point of care, even in areas with limited connectivity, thereby improving operational continuity and resilience.

Offline-first and edge-native capabilities allow healthcare providers to process data locally, which is crucial for privacy-sensitive patient information and efficient response in emergencies or remote facilities.

Local workflow digitization, such as automated patient check-ins, bed and staff allocation, and real-time asset monitoring, reduces paperwork, speeds operations, and enhances resource utilization.

Benefits for Healthcare Providers

- **Low-latency, cost-efficient operations:**
Significant reduction in latency and cost for critical workflows (e.g., diagnostics, real-time alerts, and patient history queries), compared to cloud-only systems.
- **Enhanced data privacy and compliance:**
Sensitive patient data is processed locally, minimizing transfer risks and regulatory exposure.
- **Scalability and interoperability**
mim OE enables seamless integration across diverse medical devices and software endpoints, facilitating unified care coordination at scale.

Healthcare Use Cases

- **Emergency Response:**

Real-time health monitoring, rapid anomaly detection, and immediate local alerting in ambulances, rural clinics, or home care settings.

- **Resource Tracking**

Digital management and monitoring of medical equipment, medication inventories, and staff movement flows.

- **Workflow Optimization**

Automated check-in/out, procedure scheduling, and clinical documentation at point-of-care, reducing manual errors and saving time.

- **Sustainability and Efficiency**

Device-first approach reduces bandwidth, energy consumption, and operational costs by minimizing reliance on centralized cloud servers for routine healthcare tasks.

- Supports sustainability goals in digital health by optimizing resource usage and reducing carbon footprint through smarter device orchestration and workflow automation.

With HybridTrax, healthcare organizations can take control of their operations, protect patients and staff, ensure regulatory compliance across diverse jurisdictions, and unlock new levels of clinical and operational efficiency.

Discover how [mimik](https://mimik.com) HybridTrax™ can elevate your onsite operations with real time visibility and agentic automation.

Contact us today at sales@mimik.com or visit developer.mimik.com

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