

# Executive Summary

## AttoMedica

Powered by the  
**ATTOBAHN**  
DATA GRID

### What Infrastructure Gaps Are Preventing Scalable, Equitable Healthcare?

In the most vulnerable populations—formerly incarcerated individuals, veterans, and marginalized communities—face structural barriers:

- ⊗ No longitudinal records due to fragmented data systems
- ⊗ Distrust of digital services, fueled by data breaches and surveillance concerns
- ⊗ AI and research locked away from frontline care due to lack of compute infrastructure
- ⊗ Urban and rural deserts lack the digital backbone for modern healthcare delivery

### Introducing a Smarter Health Platform for Re-entry, Veterans & AI Innovation

A vertical solution built on the sovereign, edge-native AttoBahn DataGrid, AttoMedica is engineered for real-time, AI-powered, trauma-informed care.

- ✓ Nanosecond-Latency Compute at the Edge
- ✓ Zero Trust Security Architecture — no implicit trust, full auditability
- ✓ Built-In AI/ML Toolchains for diagnostics, mental health, and research
- ✓ Deployable Anywhere — re-entry centers, veteran clinics, shelters, and mobile units



### ABOUT CORE TECHNOLOGY

The AttoBahn DataGrid™ is redefining digital infrastructure by **delivering unmatched speed, security, and efficiency at the edge**. Built on our proprietary homogeneous network technology, the DataGrid **reduces latency from milliseconds to nanoseconds**—enabling real-time processing, AI-driven analytics, and mission-critical operations such as remote diagnostics and continuous monitoring.

**Designed to shrink data center size and drastically lower power consumption**, it is 26x more energy-efficient and delivers 55x faster processing than traditional systems.

With Zero Trust architecture and quantum-ready encryption, **the AttoBahn DataGrid provides a secure, scalable foundation for next-generation applications** across healthcare, smart cities, and critical infrastructure.

Legacy Healthcare Infrastructure	AttoMedica (AttoBahn-Powered)
Centralized cloud silos	Sovereign edge data nodes
VPN + perimeter security	Zero Trust, identity driven
Delayed AI deployments	Real-time edge AI & compute
High OpEx for security stack	Integrated, cost efficient IaaS
Limited supplier diversity	Grid-ready for local integrators

#### We invite to explore:

- Partnerships for veteran and re-entry health pilots (aligned with the Concordance model)
- Integrator opportunities for AttoMedica Grid deployments
- Joint innovation partnerships with universities and health systems
- Supplier enablement to foster new minority-led Grid integrators