



# ATTOBAHN



JULY 2025 RELEASE

## **ATTOBAHN PROGRESS REPORT TO SHAREHOLDERS**

A TURNING POINT IN OUR JOURNEY



CLICK HERE TO LISTEN TO  
A PERSPECTIVE SUMMARY OF  
THE REPORT FROM AN AI TOOL

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# MESSAGE FROM THE CEO

Dear Shareholders,

As we cross the remarkable milestone of 12 years in research and development, I want to personally thank you for your unwavering belief in our mission. Your commitment has been the foundation of AttoBahn's transformation—from bold idea to technological breakthrough.

Innovation at this level takes time, discipline, and vision. It also requires the trust of those who understand that true disruption doesn't happen overnight. I'm proud to share that we are now entering a new and defining era: the move from development to real-world deployment.

**Unlocking the Market Through Symbiotic Innovation:** AttoBahn isn't stepping into the market with incremental change—we are introducing a new class of infrastructure. Our Infrastructure-as-a-Service (IaaS) DataGrid is a next-generation platform designed to harmonize and amplify the capabilities of existing systems. It creates a high-efficiency, ultra-secure ecosystem where traditional data centers, edge computing, and vertical industries operate seamlessly together.

I am excited to announce that we have signed a Letter of Intent for a 500 million dollar licensing agreement. Additionally, we are preparing for two more licensing deals, one of which will be detailed in this update. These partnerships reaffirm what we have long believed.

**The Road Ahead:** We are leveraging Alpha and Beta to get to commercialization with momentum. A validated technology. A growing pipeline, and a platform purpose-built for global scale. Every agreement, every deployment, every conversation brings us closer to a smarter, faster, more secure infrastructure future.

Thank you for being a part of this journey. The next chapter of AttoBahn is here—and we're moving forward with clarity, responsibility, and confidence.

With gratitude and determination,

Darryl L. Gray  
Chief Executive Officer  
AttoBahn, Inc.



# THE ARCHITECTURAL EDGE

## PLATFORM DENSITY AND SECURITY REDEFINED

Our architectural model is built on a foundation of efficiency, performance, and sustainability.

### 1. Extreme Platform Density:

Our edge architecture significantly reduces the physical footprint of the data center while maintaining multi-gigabit performance at the device level.

### 2. Nanosecond Latency:

By reducing latency from milliseconds to nanoseconds, we improve performance and eliminate the need for over-provisioned compute resources—resulting in dramatic OPEX and CAPEX savings.

### 3. Cooler, Smarter Infrastructure:

Through efficient circuitry and edge-optimized data flow, our Grid minimizes heat generation and operates at just 15kW per node (compared to MW-scale loads), reducing power consumption and lowering environmental stress—a major cost and reliability factor for data centers worldwide.

This architectural advantage enables existing data centers to plug into the Data Grid, unlocking massive processing efficiencies without requiring a rip-and-replace overhaul. In a world where data processing costs are rising exponentially, AttoBahn provides a real-time offset and a lasting competitive edge.

# FROM WORLD-CLASS HARDWARE TO BREAKTHROUGH SOFTWARE

Over the past years, our focus has been deep Research and Development—developing world-class hardware while making equal investments in the software stack required to support it. Today, I'm proud to share that our Alpha MVP solution is just days away. This milestone will introduce a novel revenue model as we advance through Technology Readiness Levels 7, 8, and 9 and transition into full commercialization.



## FILE TRANSFER APPLICATION

Deployed our native AttoBahn File Transfer Application, capable of transferring 15 GB in just 11 seconds — 2,400x faster than conventional methods (1.36 GB/sec), with zero compromise on security.



## SHAREHOLDER INFRASTRUCTURE

Established a shareholder-friendly infrastructure through CARTA to manage our cap table and upcoming equity events.



## ENTERPRISE INTEGRATION PLATFORM

Developed a robust internal integration platform built on best-in-class standard operating procedures (SOPs).

# ALPHA AND BETA: STRATEGIC LAUNCH PHASES

## ALPHA PHASE: PROOF OF FUNCTIONALITY

**GOAL:** Validate the core architecture and technology performance in a controlled environment.

### IMPORTANCE:

- **Tech Readiness Validation:** Confirms AttoBahn’s unique features—like nanosecond latency, and energy-efficient edge processing—function as designed under real conditions.
- **Security & Sovereignty Testing:** Evaluates application-layer encryption and OSI layer bypass to ensure data sovereignty, especially in AI use cases.
- **Grid Behavior Monitoring:** Measures how data flows between micro data centers, edge devices, and legacy systems.
- **Stakeholder Confidence:** Demonstrates to investors and partners that the architecture is stable and ready for market testing.
- **Controls the Narrative:** Sets benchmarks and defines “success” internally before outside pressures distort expectations.

## BETA PHASE: PROOF OF VALUE

**GOAL:** Prove commercial viability, performance at scale, and end-user value in live environments.

### IMPORTANCE:

- **Market Fit Testing:** Verifies that partners (e.g., medical, municipal, or media clients) can extract measurable value—speed, security, cost savings—from the infrastructure.
- **Operational Integration:** Ensures AttoBahn can coexist with legacy networks (e.g., fiber, 4G/5G) without service degradation or friction.
- **Economic Modeling:** Provides data to model ROI for customers and define pricing and revenue-sharing structures at scale.
- **Training Ground for Partners:** Helps early adopters ramp up operations to ensure smoother onboarding at national and global rollout.
- **Feedback Loop:** Fine-tunes provisioning, SLA enforcement, and user interface design before changes become too costly to implement.

## (CON'T) ALPHA AND BETA: STRATEGIC LAUNCH PHASES

Alpha and Beta stages are critical to AttoBahn’s successful commercialization because they de-risk full-scale deployment, validate product-market fit, and ensure operational readiness. Given AttoBahn’s disruptive Infrastructure-as-a-Service (IaaS) model, these stages are not just technical tests—they are strategic launch pads.

Stage	Focus	Risks Reduced	Strategic Value
Alpha	Tech Architecture	Performance, Integration, Security	Foundation Proof
Beta	Real-World Adoption	Market Fit, Operations, User Impact	Revenue & Scale Model Proof

### Why These Stages Matter More for AttoBahn

AttoBahn is not selling an app or a new device—it’s redefining how infrastructure is built, powered, and monetized. Alpha and Beta give us:

- Time to educate the market about the AI Internet, edge grids, and data sovereignty.
- Room to set the standard for edge bandwidth with Gbps connectivity while eliminating comparisons to legacy telco infrastructure.
- Positioning leverage before hyperscalers or telcos attempt to imitate or undermine the model.



## LAUNCH OF ATTOMEDICA

### TRANSFORMING URBAN HEALTH THROUGH NEXT-GENERATION DIGITAL INFRASTRUCTURE

We are pleased to announce the formation of AttoMedica, a Special Purpose Entity (SPE) of AttoBahn, Inc., established to transform healthcare data infrastructure. Built on AttoBahn’s patented, ultra-secure, nanosecond-latency communications platform, AttoMedica delivers a next-generation Infrastructure-as-a-Service model tailored to the complex demands of the medical ecosystem.

AttoMedica addresses a multi-billion-dollar market gap with performance-guaranteed, private interconnects for healthcare networks, research centers, and health tech providers. It solves latency, compliance, and security challenges that legacy networks cannot.

#### **This opportunity offers:**

- Recurring revenue via 3- to 5-year healthcare network agreements
- First-mover advantage in digital health interconnects
- IP-protected architecture with built-in compliance
- Aligned tailwinds from interoperability mandates and cybersecurity regulation

**AttoMedica is more than a network—it is the regulated private backbone for healthcare’s data future.**

## (CON'T) LAUNCH OF ATTOMEDICA

**Strategic Use of the SPE Model for Alpha & Beta Deployment:** AttoMedica was also strategically formed to serve as a paid training ground for AttoBahn's Alpha and Beta commercialization. As a revenue-generating SPE, it enables AttoBahn to validate and refine its technology in real-world, mission-critical environments while containing risk and avoiding equity dilution.

Healthcare's strict regulatory standards make it the ideal proving ground to stress-test our systems, enhance security, and optimize performance under pressure. This structure also allows our internal teams and partners to develop scalable operational playbooks—turning early market engagement into lasting infrastructure readiness.

**Leveraging Early Adopters Through Special Purpose Entities:** Our strategy to engage early adopters through Special Purpose Entities (SPEs)—such as AttoMedica—is designed to protect core equity, reduce dependency on outside capital, and accelerate time-to-market.

Rather than raising funds to pilot our platform, we are building customer-funded validation loops through SPEs, where users actively pay for early access and contribute critical feedback that strengthens our technology. This model turns customers into co-developers and converts testing into revenue, creating a capital-efficient path to market leadership.

**Each SPE functions as a self-contained commercialization engine, offering:**

- Immediate real-world insights,
- Recurring revenue,
- Faster maturity of systems,
- and a clear hedge against capital-intensive growth models.

This unusual but highly strategic framework puts AttoBahn in a position to scale smarter, faster, and stronger than industry norms allow—enabling us to leapfrog traditional bottlenecks, reduce execution risk, and build an enduring competitive advantage.



## VERTICAL STRATEGIES

We are actively deploying verticalized DataGrids across several key sectors:

### 1. Medical Grid

Operating under a dedicated special purpose vehicle, this platform enables mission-critical healthcare applications such as real-time diagnostics, telemedicine, and AI-assisted care.

Lieutenant General (R) R. Scott Dingle, the U.S. Army's 45th Surgeon General, is leading adoption for the Medical Grid.

Click Here to [View Our Medical Grid Executive Summary] or Go-to-link: [bit.ly/418SgJ0](https://bit.ly/418SgJ0)

By 2035, proximity will be a strategic imperative—powering instant diagnostics, robotic assistance, and real-time patient monitoring in healthcare.

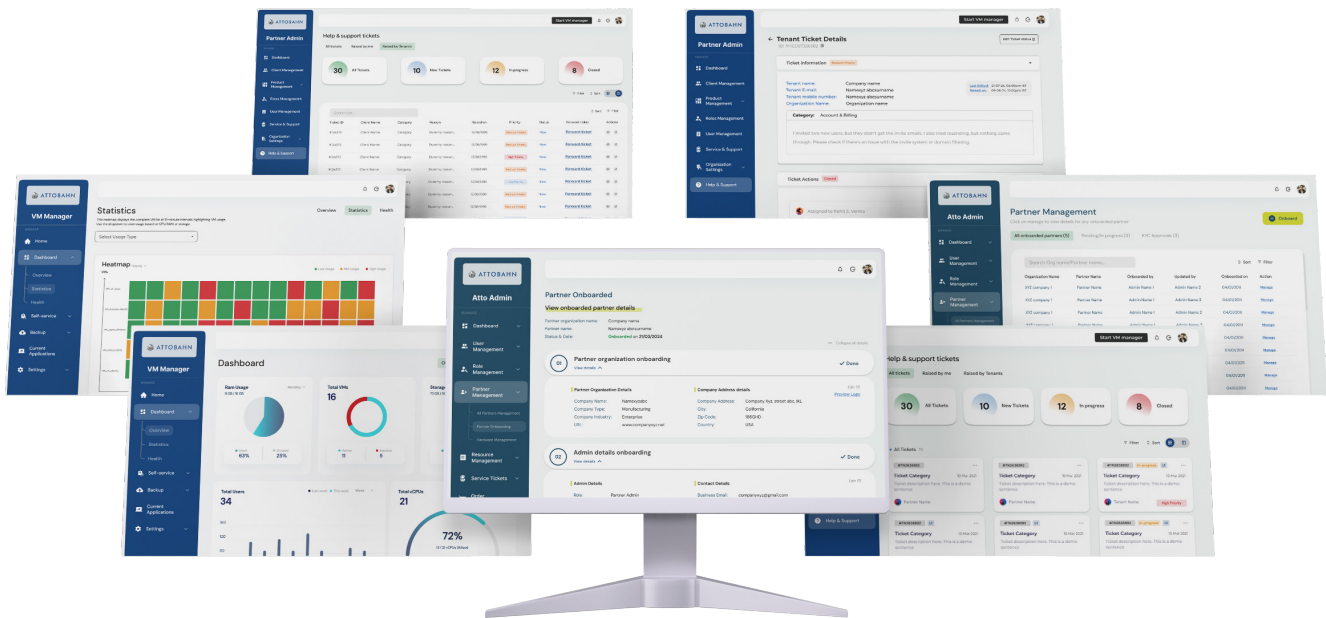
### 2. Immersive Video Grid

A next-generation media distribution and edge inferencing platform designed for XR, eSports, and hyper-personalized content delivery.

### 3. Strategic Capture

We are executing targeted capture strategies across ports, municipalities, AI inferencing and eSports —each integrated into the secure AttoBahn DataGrid fabric.

To support this vertical expansion, we are actively populating co-location centers worldwide with our infrastructure, backed by a line of credit currently under negotiation.



## ATTOBAHN'S DATA CENTER INFRASTRUCTURE & PLATFORM MANAGEMENT SYSTEM (DCIPM)

With the completion of our hardware MVP, AttoBahn's DCIPM platform is resuming and evolving to monitor, manage, and optimize our Grid Infrastructure, virtual machines, and operations.

We are positioning DCIPM to transform the way the AttoBahn Global DataGrid is managed and made available to Strategic Partners and their clients.

As development progresses, DCIPM will empower AttoBahn's infrastructure to operate with greater efficiency, sustainability, and security—enabling us to deliver unprecedented value to the market.

### Here's where we are today:

- Strategic Partner onboarding is complete; tenant onboarding is underway with comprehensive KYC processes.
- User-friendly dashboards and AI-driven automation are being implemented to simplify management and optimize performance.
- Enhanced real-time monitoring will provide granular insights into power, cooling, system health, and fault recovery.
- Scalability and cloud integration are being developed to support hybrid environments and edge-first architectures.
- Micro-services and AI will further automate operations and reduce costs.

# STRENGTHENING OPERATIONAL DISCIPLINE WITH AN ATTOBAHN ENTERPRISE INFORMATION SYSTEM (AEIS)



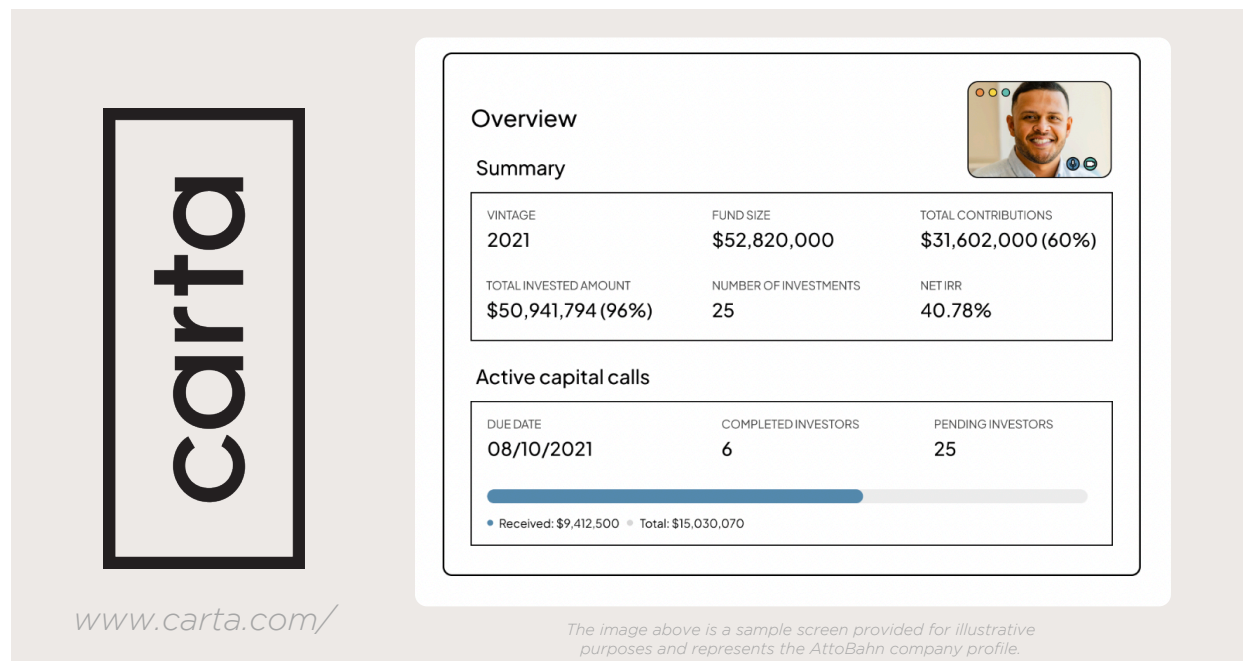
To support our growth and improve how we operate across teams, **AttoBahn has implemented a centralized platform for managing tasks, resolving issues, and coordinating cross-functional workflows.** It is a critical system for driving accountability, enhancing transparency, and tracking performance across the entire organization.

Today, every department—from Accounting and Engineering to Compliance, Operations, and Support—uses AEIS to manage key activities. Whether it’s tracking an invoice through payment, assigning internal tasks, or responding to customer issues, every action is logged, assigned, and time-stamped. This provides a complete audit trail and real-time visibility into progress, ownership, and outcomes—covering everything from partner onboarding to NDA execution and compliance checks.

As we grow, **AEIS will be instrumental in helping us scale securely and systematically.** It supports role-based access controls, standardized workflows, and integrations with our CRM, provisioning systems, and compliance tools. This foundation is vital for managing service-level commitments and advancing our “Know Your Customer” (KYC) framework.

But this isn’t just about better ticket tracking—it’s about raising the bar. **With AEIS, we’re strengthening the systems and processes needed to support our long-term vision.** It’s a key step in AttoBahn’s transition from a high-potential tech startup to a scalable, trusted infrastructure company—ready to meet the expectations of clients, regulators, partners, and investors around the world.

# CAP TABLE MANAGEMENT HAS MOVED TO CARTA



The image shows the Carta logo on the left and a screenshot of the Carta dashboard on the right. The dashboard includes an 'Overview' section with a user profile picture, a 'Summary' table, and an 'Active capital calls' section with a progress bar.

VINTAGE	FUND SIZE	TOTAL CONTRIBUTIONS
2021	\$52,820,000	\$31,602,000 (60%)

TOTAL INVESTED AMOUNT	NUMBER OF INVESTMENTS	NET IRR
\$50,941,794 (96%)	25	40.78%

DUE DATE	COMPLETED INVESTORS	PENDING INVESTORS
08/10/2021	6	25

Received: \$9,412,500 | Total: \$15,030,070

**We're excited to share that AttoBahn has officially transitioned its equity and cap table management to Carta**— a leading platform used by nearly 70% of companies, including many of the fastest-growing companies and top-tier investors.

This move is part of our ongoing efforts to improve transparency, simplify shareholder engagement, and streamline how we manage equity across the company.

With Carta, shareholders will have access to a secure online portal where they can view their holdings, download key documents, and receive timely updates—all in one place. Whether you own common shares, preferred shares, or type of company security, your records will now be easier to access and better organized.

Beyond simplifying shareholder experience, Carta offers our team with a host of powerful tools to manage future financing rounds, as well as recording equity grants, and corporate actions with greater efficiency and agility. Its modeling and reporting features are designed to support fast-growing companies like ours as we scale.

**If you have any questions or need help accessing your Carta account, please reach out to Jim Somers at (661) 877-7571 or email Nancy Montee at [nancy@attobahn.com](mailto:nancy@attobahn.com)**

Thank you for your continued support. We're looking forward to making equity management smoother and more transparent for everyone involved.

# Demonstration, Commercialization, and Capital Planning



## DEMONSTRATION CENTERS

Showcasing our latest software innovations and processing breakthroughs.



## SOFTWARE & CONSULTING DIVISION

Supporting partner onboarding, deployment, and long-term platform adoption.



## ONGOING PATENT ACTIVITY

Continuing to register new intellectual property to strengthen our competitive position.

Please stand by for new share prices  
and equity updates.