

Aternity Mobile for Manufacturing and Logistics:

Real-Time Mobile Experience Intelligence for High-Velocity Production and Supply Chains

The Reality Facing Manufacturing & Logistics Today

Manufacturing plants, warehouses, and operations run on mobile. From scanners and tablets on the floor to vehicle-mounted systems and rugged handhelds in the supply chain, mobile devices drive production, quality control, picking, packing, and shipping.

These environments are operationally unforgiving. Constant motion, high Wi-Fi congestion, real-time system dependencies, and zero tolerance for downtime create relentless performance pressure. And the people on the floor aren't IT experts. They're focused on keeping production lines moving and shipments on schedule. When mobile systems stall, lines stop, picks slow down, SLAs are missed, and revenue impact is immediate.

Traditional device management tools enforce configuration standards but provide little insight into what is actually degrading performance on the floor. Manufacturing and logistics don't just need uptime. They need continuous mobile performance intelligence at the speed of operations.

From Device Control to Production Experience Intelligence

Riverbed Aternity Mobile delivers real-time visibility into mobile app performance, device health, and network conditions across manufacturing floors and logistics operations.

IT teams gain continuous insight into the responsiveness of Warehouse Management Systems (WMS) and Manufacturing Execution Systems (MES), along with device health metrics like battery performance and connectivity. They can monitor session stability, ensuring uninterrupted app sessions, and identify areas of poor network or cellular coverage, both inside facilities and on the road for delivery drivers, where connectivity is critical to avoid missed shipments.

Wi-Fi coverage within warehouses and production floors is equally important, and Aternity helps IT pinpoint weak spots to maintain smooth operations. With device-level drill-down, IT can quickly determine whether slowdowns originate in the application, device, wireless infrastructure, or backend systems.

To keep production aligned even under pressure, IT can proactively broadcast alerts to floor staff about known issues, push onboarding and safety guidance, and deliver real-time remediation steps.

Where Aternity Mobile Performance Directly Impacts Throughput and Profit

Warehouse Picking & Fulfillment

Support real-time scanning and pick functionality.

Why it matters:

Scanning delays snowball into missed shipments.

Production Line Operations

Ensure MES and quality systems perform without interruption.

Why it matters:

Seconds of downtime compound into lost output.

Fleet & Yard Operations

Enable uninterrupted mobile coordination across vehicles and docks.

Why it matters:

Delays stall freight movement and SLA performance.

IT & Operations Support

See issues before the floor escalates.

Why it matters:

Faster response prevents line stoppages.

Operational Advantages for Manufacturing & Logistics IT



Aternity Mobile equips IT teams with the intelligence to protect production uptime, worker productivity, and fulfillment accuracy across complex environments. Teams benefit from faster root-cause isolation, stronger device and connectivity visibility, reduced floor disruptions, and lower operational support burden.

Why Manufacturers & Logistics Leaders Choose Aternity Mobile



Only Aternity Mobile combines real-time mobile experience intelligence, rugged and corporate device visibility, proactive remediation, and workforce engagement, enhanced by AI-driven analytics and intelligent automation, in a single solution built for nonstop operations.

Business Outcomes That Matter



Manufacturers and logistics organizations using Aternity Mobile achieve higher throughput, fewer line stoppages, improved order accuracy, stronger SLA performance, lower IT and warehouse support costs, and more predictable supply chain operations.

Make Mobile Performance a Production Advantage

Request a [personalized demo](#) to see how Aternity Mobile protects throughput, accuracy, and fulfillment speed or visit [Aternity Mobile](#).



About Riverbed

Riverbed, the leader in AIOps for observability, helps organizations optimize their user's experiences by leveraging AI automation for the prevention, identification, and resolution of IT issues. With over 20 years of experience in data collection and AI and machine learning, Riverbed's open and AI-powered observability platform and solutions optimize digital experiences and greatly improves IT efficiency. Riverbed also offers industry-leading Acceleration solutions that provide fast, agile, secure acceleration of any app, over any network, to users anywhere. Together with our thousands of market-leading customers globally – including 95% of the FORTUNE 100 – we are empowering next-generation digital experiences.

Learn more at riverbed.com.