ANNOUNCEMENTS

Introducing blade ai by Inertia

Today we're launching blade ai — the open, AI-powered intelligence layer for construction. Not because the timing felt right. Because we've waited long enough.

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We've been in construction technology for a combined four decades. If your team uses Autodesk, Trimble, or a KKR-backed solution, there's a good chance you're already relying on technology we

built. The tools your superintendents open every morning, the solutions your VDC teams run models through, the systems your owners use to track portfolio progress. Our fingerprints are on the core pillars of that stack.

The problem isn't people. It's data.

Not a lack of data. Too much of it. Everywhere. In the wrong places. Disconnected from everything else.

A typical project today runs across five, six, seven systems. Drawings in one place. Inspections in another. Submittals somewhere else. RFIs in a different tool. Field observations on a tablet that doesn't talk to any of them. And somewhere in the gap between those systems, decisions get made on incomplete information. Rework happens. Disputes start. Schedules slip.

We've watched this for years. We knew what was missing. We just hadn't yet built it.

Now we have. And we're just getting started.

blade ai by Inertia is the construction intelligence layer: open, AI-powered, and designed to sit above the systems your team already uses. Our goal is total connection across the tools that run construction projects globally. Not a closed solution that asks you to start over, but an intelligence layer that grows alongside the stack you've already built. We are actively working toward deep integrations with the industry's leading project management solutions so that the information those tools produce becomes connected, searchable, and actionable in ways they were never designed to support on their own.

Before the AI does anything, blade ai does something most solutions skip. It builds a governed data foundation, connecting objects, documents, and relationships across your project into one living data model. The AI is layered on top of that, which is why the answers it surfaces are ones you can actually act on, not just read and hope for the best.

No rip-and-replace. No migration. No asking your team to learn another solution.

Imagine a superintendent who needs to know the current approved condition for an installed object. Today they search three systems, call the PM, and dig through a submittal log. That answer should already be there, in context, tied to the location and the drawing. That's exactly what we're building toward, and it's what drives every integration and every decision we make.

Built for the industry as it actually exists.

70% of construction projects are still delivered primarily from 2D PDF drawings. BIM-only solutions work for the other 30%. But even on BIM-enabled projects, 2D PDF drawings remain one of the primary ways field teams navigate and execute the work. That's a lot of the industry left behind by tools that require model-quality data to function.

blade ai is being built to identify smart objects inside ordinary PDFs. A room on a floor plan becoming a connected object. A spec in a contract document becoming a linked requirement. A shop drawing becoming traceable to an inspection, a submittal, and a field observation. This is the vision, and it's what we're executing against.

No BIM maturity required.

This isn't a moonshot.

We lived this problem. We built solutions that got close. We watched what fell short and why. We've spent years thinking about what the right intelligence layer for construction would actually look like, and then we built it.

blade ai by Inertia is what we've been wanting to put in front of this industry for a long time.

We're proud of it. And we think it'll save you time, money, resources, and more than a few headaches.

Read online: inertiasystems.com/resources/blog/introducing-blade-ai-by-inertia

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