

As Capital Markets Embrace AI, Epsilon Marks 30 Years Tackling the Data Problem Beneath It

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EINPresswire.com/ -- Capital markets firms are pushing into AI, and many are about to hit the same wall first: trade, risk, and accounting data spread across disconnected systems, reconciled by hand, and patched together with shadow feeds and



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manual workarounds nobody fully owns. Every new instrument type means custom code instead of configuration. No one owns the data or the rules behind it, so cost and risk keep climbing while every business group ends up trusting its own version of “the truth” instead of a shared one. AI doesn’t fix that - it just makes decisions faster on numbers nobody’s fully confident in.

A Familiar Problem, Now Harder to Ignore:

Epsilon Technologies Group has spent three decades on the unglamorous side of this problem - building the trading, risk, and accounting infrastructure that regional banks, GSEs, and Federal Home Loan Banks run on, and connecting it into governed, structured data environments long before “AI-ready” was a category anyone talked about. Most institutions solve this department by department, with little visibility into who else relies on their data or how. Epsilon’s advantage is the end-to-end view - across trading, valuation, risk, and accounting - that lets institutions streamline the business processes built on top of that data, not just the data itself.

Regulators are moving the same direction. New federal data standards under the Financial Data Transparency Act push toward common identifiers, consistent schemas, and clearly defined data, effective October 1, 2026, while FHFA has separately proposed expanding Federal Home Loan Bank board expertise to include AI, technology, and modeling. Neither rule tells institutions anything Epsilon hasn’t been building toward for years - it’s a sign the industry is catching up to a standard capital markets data has always needed.

“These banks have real expertise in their own departments, but they rarely have visibility end-to-end,” said Amol Kulkarni, who leads [services delivery](#) at Epsilon. “Data moves between departments and nobody’s quite sure which systems or people downstream are relying on it.

That's not just a data problem - it's a business-process problem, and it's exactly the kind of end-to-end view we bring, across trading, valuation, risk, and accounting."

Epsilon's data services work covers strategy, architecture and integration, governance, reporting, and cloud data warehousing - delivered by people with direct capital markets experience, not a data team learning finance on the job. In practice, that means an extensible data model institutions can configure for new products instead of custom-coding around them, one governed source of business logic instead of duplicated shadow feeds, and clear ownership of data and rules instead of none. The result: faster time to market, one trusted source of truth across the business, and a governed foundation ready for AI and analytics whenever they are.

"Good AI outcomes start with the same discipline we've always brought to trading, valuation, and accounting data," Kulkarni added. "That's not a new pitch for us. It's just finally the headline."

About Epsilon Technologies Group

Epsilon is a vibrant capital markets technology solutions and services firm serving small and medium-sized financial institutions such as regional banks, GSEs, and Federal Home Loan Banks. The Group's deep expertise embraces every aspect of software development, products, data, technologies, and consulting. Epsilon offers ETS, Principia Analytic System, and pasVal as licensed products, and various innovative, bespoke solutions across a broad set of capital markets domains. Epsilon also offers a full range of independent consulting services, including implementation, advisory, AI, analytics, risk management, accounting, and data modeling.

To learn more about Epsilon, ETS, Principia Analytic System, and pasVal, visit www.epsilontg.com.

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