

**ALM Solutions,
2025**

FIS

Executive Summary

Asset and liability management (ALM) activities and capabilities continue to converge across geographies, institution types and organizational structures. Several factors have changed the ALM ecosystem in recent years, as institutions rethink the way they view this space.

Previously seen as a reporting-oriented function, ALM has become a strategic capability that now requires institutions to manage internal links between market, credit, capital and liquidity areas. At the same time, they must structure their hedging and risk management strategies efficiently, based on the product and liability profiles they have.

The single key element driving change in the ALM ecosystem is increased market volatility. However, changes in consumer behavior, the information ecosystem and the regulatory environment have also been factors.

The strength of FIS' offering is highlighted by its category leader placement in all six of our quadrants in the 'ALM Solutions, 2025: Quadrant Update'. The FIS platform is a balanced, well-engineered application, packaged to facilitate seamless enterprise adoption. It also leverages FIS' vast reserves of mathematical and analytical risk capabilities, drawing on a deep heritage of retail credit and ALM expertise to incorporate sophisticated counterparty risk modeling.

— **Sid Dash**
Chartis Research

FIS: Category Leader – ALM Solutions, 2025

Chartis' analysis of FIS is included in our report [ALM Solutions, 2025: Quadrant Update](#), published in December 2025. The report also includes other providers of ALM solutions, including Abrigo, Acies, ALM First, Bloomberg, Cognext.ai, Detech, Empyrean, FIMAC Solutions, Finastra, Infosys Finacle, Intellect Design, ION, KiyaAI, Mirai, Moody's, MORS Software, Nasdaq, Nfq, Numerical Technologies, Opensee, Oracle, Ortec Finance, Prometeia, QRM, Regnology, SAS, SS&C, Surya, The Baker Group, Thomas Ho Company and zeb.control.

Chartis has named FIS as a Category Leader in the 2025 RiskTech Quadrants® for ALM Solutions, Funds Transfer Pricing (FTP) Solutions, Liquidity Risk Management (LRM) Solutions and Capital and Balance Sheet Optimization Solutions (see Figures 1 to 4).

FIS addresses the market shift toward architectural modernization by leveraging a cloud-native, scalable stack that is designed to manage the increasing granularity of institutional data. This transition is inherently strategic, replacing fragmented, legacy risk tools with a cohesive enterprise platform that harmonizes risk control, liquidity management and capital optimization. By unifying these functions, FIS provides a 'single source of truth' that bridges the gap between tactical risk mitigation and long-term strategic value creation in a digital-first environment.

FIS' Category Leader placement in Chartis' ALM quadrants is underpinned by continued investment in a unified infrastructure that extends far beyond traditional ALM. Central to this evolution is a scalable, containerized software as a service (SaaS) compute environment, enabling institutions to execute large-scale simulations and complex risk modeling with unprecedented speed and efficiency.

ALM Solutions

Capabilities and breadth of optimization (4.4: best-in-class capabilities)

FIS' capabilities cut across a variety of asset classes, business lines and statistical techniques. Depth of coverage ensures that FIS Balance Sheet Manager can address the specific risk profiles of varied financial instruments and transform them into actionable intelligence. FIS also provides a holistic view that captures the granular risk characteristics of varied financial instruments, normalizing disparate datasets into a unified stream of data for real-time risk mitigation.

Scenario management systems (4.4: best-in-class capabilities)

FIS' scenario management framework covers market, credit and counterparty risk, forming a core for ALM processes. Balance Sheet Manager enables users to execute an array of alternative simulations, factoring in shifting interest rates, prepayments, spreads and macroeconomic dependencies. This architecture provides modeling flexibility while also reducing the time required for ad hoc analysis.

Stress testing/reverse stress testing (4.4: best-in-class capabilities)

Balance Sheet Manager can manage a spectrum of risk types and asset classes, harmonizing complex regulatory stress testing capabilities with high-fidelity valuation engines across global jurisdictions. It also provides full integration of impairment modeling, delinquency migrations and probability of default (PD) calculations within the liquidity framework.

Interest rate modeling (4.5: best-in-class capabilities)

The solution offers interest rate modeling designed to simulate a vast range of scenarios and complex embedded options. By leveraging the broader FIS ecosystem, the platform provides a unified risk perspective, integrating liquidity, market and credit risk with FTP, P&L planning and regulatory reporting into a single, cohesive framework.

Simulation engine(s) capability (4.5: best-in-class capabilities)

FIS demonstrates best-in-class capabilities with scalability and computational efficiency built into the platform, which supports scenario-weighted expected credit loss (ECL) and stage allocation. This enables institutions to model the effects of multiple macroeconomic paths on provisioning outcomes, with ‘what if’ analysis for new transactions, portfolio changes or shocks to risk parameters. Stage transition modeling and collateral reallocation capabilities can reflect credit quality deterioration or recovery over time.

Liquidity risk (4.3: best-in-class capabilities)

Balance Sheet Manager’s capabilities enable firms to calculate liquidity (including regulatory liquidity ratios) across different styles, mechanics and methods. Day-to-day reporting of liquidity ratios and internal liquidity metrics leverages a flexible report setup framework to enable users to adapt quickly to regulatory changes and internal methodology updates. This is complemented by comprehensive forecasting and scenario analysis capabilities for the proactive management of liquidity ratios and metrics.

Balance sheet optimization (4.0: advanced capabilities)

FIS offers dynamic balance sheet optimization, enabling institutions to run complex simulations across a vast array of risk and macroeconomic scenarios. Going beyond simple static analysis, this framework integrates core business growth expectations and balance sheet assumptions directly into the modeling process. The platform also ensures that the intricate relationships between market volatility, macroeconomic shifts and internal business drivers are captured with high accuracy to help drive strategic decision-making.

Behavioral modeling (4.1: best-in-class capabilities)

FIS offers easy to configure, predefined standard models alongside user-defined, fully flexible, formula-based models. These models integrate seamlessly with a broad spectrum of risk factor scenarios – including interest rates, FX and credit spreads – while factoring in macroeconomic drivers, transaction-specific details and time-dependent variables. By leveraging external parameters (such as lookup tables), the platform ensures that behavioral assumptions remain dynamic and responsive to changing market conditions.

Figure 1: FIS’ positioning – ALM Solutions, 2025



Data management (4.0: Advanced capabilities)

Balance Sheet Manager is built on a high-performance foundational data layer designed to transition raw data seamlessly into actionable analytics. It enables area-specific views tailored to the unique requirements of ALM, market risk, liquidity and specialized reporting. The data management layer consolidates position data from various sources and corrects, transforms and aggregates it for FIS' risk engines.

Integration capabilities (4.3: best-in-class capabilities)

FIS offers a highly interoperable foundational architecture that serves as a central hub for the entire enterprise, enabling seamless integration with a vast ecosystem of internal core banking systems and external market data providers. It also provides the scalable infrastructure needed to support sophisticated, cross-departmental decision-making in a rapidly evolving market.

FTP Solutions

Business line management (4.6: best-in-class capabilities)

FIS offers a significant breadth and depth of product and instrument coverage, seamlessly integrating both banking book and trading book perspectives into a unified risk framework. This comprehensive coverage is made possible via native integration with the FIS balance sheet management and market risk solutions, ensuring consistency in modeling, valuation and risk analytics across all financial instruments and business lines.

Simulation (4.5: best-in-class capabilities)

FIS provides a multi-dimensional spread configuration in which users can define and apply unlimited spread types (capital, liquidity, basis, etc.) across the FTP and ALM modules. This ensures that P&L projections and balance sheet simulations account for the total cost of funding, enabling more accurate 'new business' pricing models and custom profitability analytics.

Data management (4.3: best-in-class capabilities)

The platform is built on a high-performance foundational data layer designed to transition raw data seamlessly into actionable analytics. It enables area-specific views tailored to the unique requirements of ALM, market risk, liquidity and specialized reporting. The data management layer consolidates position data from various sources to provide point of access to FIS risk engines.

Pricing (4.5: best-in-class capabilities)

Built for complexity, the FIS platform delivers a robust framework for advanced transfer pricing and profitability analysis. Through its native integration with the broader FIS ecosystem, the platform eliminates data silos, ensuring that modeling, valuation and risk analytics remain consistent across instruments and business lines.

Figure 2: FIS' positioning – FTP Solutions, 2025



LRM Solutions

Scenario generation (4.3: best-in-class capabilities)

FIS' scenario generation capabilities move beyond simple interest rate shocks to focus on the timing and availability of cash, with comprehensive analysis of cash flow and generation of liquidity gaps. The solution's scenario engine is tightly integrated with a robust limit framework, allowing institutions to define liquidity limits and monitor them in real time, and ensuring that breaches are detected early and addressed proactively.

Cash flow projections (4.3: best-in-class capabilities)

FIS offers a powerful cash flow engine that can not only address the rollout of cash flows based on contractual details but also enable advanced cash flow modeling. The dynamic on-demand scaling capabilities of the calculation engine are based on cloud-native technology, allowing firms to track their target performance continually.

Integration capabilities (4.2: best-in-class capabilities)

FIS offers foundational architecture that serves as a central hub for the entire enterprise, enabling seamless integration with a vast ecosystem of internal core banking systems and external market data providers. This provides the scalable infrastructure necessary to support sophisticated, cross-departmental decision-making in a rapidly evolving market.

Reporting (4.3: best-in-class capabilities)

FIS' ALM and Balance Sheet Management solutions deliver a unified ecosystem for global regulatory analysis. By bridging the gap between balance sheet strategy and compliance, the platform ensures that institutions remain compliant with a range of regulations and standards (including Basel II, III and IV, International Financial Reporting Standard [IFRS] 9 and Financial Accounting Standard [FAS] 133). The solution also offers a preconfigured reporting package for regulatory components, including liquidity coverage ratio/net stable funding ratio (LCR/NSFR) and additional liquidity monitoring metrics (ALMM).

LCR + NSFR (4.4: best-in-class capabilities)

FIS offers a flexible liquidity ratio framework designed to calculate and project LCR and NSFR in full alignment with international bodies (Basel, European Banking Authority [EBA]) and local regulators. The system provides granular control over liquidity configuration and selection rules, allowing users to apply prescribed regulatory caps (such as those on Level 2 assets) easily. Beyond simple compliance, the framework empowers global clients to manage liquidity proactively. By integrating balance sheet strategies with market simulations and liquidity stress testing, institutions can forecast ratio movements and adjust their positions before regulatory limits are breached.

Figure 3: FIS' positioning – LRM Solutions, 2025



Capital and Balance Sheet Optimization Solutions

Breadth of asset class/business line coverage (4.3: best-in-class capabilities)

FIS' capabilities cut across a variety of asset classes and business lines, with a depth of coverage that ensures the platform can address the specific risk profiles of a variety of financial instruments. FIS provides a robust framework for financial forecasting, blending granular, position-level data with broad macroeconomic drivers, to bridge the gap between current accounting reality and future strategic scenarios.

Optimization engine (4.2: best-in-class capabilities)

FIS' optimization engine integrates seamlessly across all analytical functions within the engine and application layer. It executes dynamic optimization across diverse scenario paths, incorporating risk variables, macroeconomic factors and specific balance sheet assumptions.

Scenario and simulation frameworks (4.4: best-in-class capabilities)

The solution features a centralized scenario library that manages full scenarios and individual components. A repository supports the automated importing of new assumptions and the updating of existing ones via a controlled and auditable process governed by granular user permissions.

Data management (4.2: best-in-class capabilities)

The FIS platform is built on a high-performance foundational data layer designed to transform raw data into actionable analytics seamlessly, enabling area-specific views tailored to the unique requirements of ALM, market risk, liquidity and specialized reporting. The data management layer also consolidates position data from a variety of sources.

Figure 4: FIS' positioning – Capital and Balance Sheet Optimization Solutions, 2025



Market Context

Market volatility, particularly regarding interest rates, has heightened demand for enhanced ALM analytics significantly in recent years. Because of a growing need for enhanced structure and sophistication in their ALM systems, many financial institutions have increased their investments in ALM solution stacks, elevating the function to a strategically critical area within their operations.

There is now a marked emphasis on managing financial risks, balance sheets, interest rate gaps, duration mismatches and intricate reporting requirements. Consequently, ALM has transcended its traditional technical role and emerged as a strategic function with considerable decision support capabilities. Sophisticated systems are emerging that integrate key elements (such as credit spreads, funding risk, behavioral assumptions and the operational aspects of ALM) with FTP calculations and forward-looking cash flow analytics. Chartis believes that as macroeconomic and market instabilities persist, this structural evolution is likely to continue, resulting in a fragmented funding environment.

Institutions' focus on ALM will continue, as they not only face increased credit exposure across sectors but also require more integrated models that reflect a more complex credit environment. In some jurisdictions, Chartis sees the focus being predominantly on interest rate risk, and in others on the growing interaction of credit and interest rate risks.

Banks are also actively seeking to strengthen their strategic risk-adjusted financial planning capabilities. In response, a new generation of tools is emerging. These tools often derive from traditional ALM frameworks or adapt classical financial planning methodologies to meet the specific demands of the banking and finance sectors. As a result, Chartis views ALM as the strategic business planning and financial 'cockpit' of the bank, a role that will only expand as institutions navigate rising complexity and heightened performance expectations.

Methodology

Chartis Research ('Chartis') is a research and advisory firm that provides technology and business advice to the global risk management industry. Chartis assesses risk technology vendors using a consistent, objective methodology regardless of business relationships.

The Chartis RiskTech Quadrant® has been used to explain the structure of the market. It employs a comprehensive methodology of in-depth independent research and a clear scoring system to explain which technology solutions meet an organization's needs. The RiskTech Quadrant® does not simply describe one technology solution as the best; rather, it uses a sophisticated ranking methodology to explain which solutions would be most suitable for buyers, depending on their implementation strategies.

The Chartis RiskTech Quadrant® evaluates vendors on both current and future dimensions of completeness of offering and market potential.

- **Completeness of offering** criteria include capabilities and breadth of optimization, scenario management systems, stress testing/reverse stress testing, interest rate modeling, data management, integration capabilities, pricing and reporting.
- **Market potential** considers business model, market penetration, financials, customer satisfaction and growth strategy.

Chartis uses detailed evaluation forms, customer surveys, expert interviews, vendor briefings and other research sources to assess solutions. This rigorous methodology provides an independent view of solutions and vendors.