FIS

A new approach to connectivity and extensibility

Unlock efficiency, innovation and reduced costs through low/no-code tools

The problem: Complex core replacements

Replacing or adopting core asset finance platforms is not just a case of "buying software." In many cases, putting money to work more efficiently with a new core requires businesses to truly transform operationally. Core replacement is often likened to open heart surgery. Even when the best "new" heart is available, the issues are often with the plumbing – the complicated set of wires needed to connect the organ to the rest of the body.

From real-time modern APIs and event-based messaging, to batch legacy formats, many bespoke integrations are needed to fit a system into a current-state architecture. Even with middleware, sometimes point-to-point endpoints are needed, which traditionally results in a bespoke build, many days of sunken software cost, and lengthening projects that become dependent on even the most agile software development lifecycles.

The other issue is an inability to modify away from the core offering of a system, leading to cookie-cutter implementations, with no way for a business to offer a competitive advantage. So how do we solve this?

BLDs at a glance

- 20+ clients of FIS Asset Finance use the BLD

- 900+ BLDs in use across live projects

- Reduces effort by 1/3* compared to traditional development

*Based on an average comparison of implementing a BLD vs. bespoke integration plugin

The solution: The Business Logic Designer

The Business Logic Designer (BLD) is a flexible tool embedded within the FIS® Asset Finance platform. It empowers clients, third parties and consultants to design and create complex business rules, integrations and functions without extensive coding knowledge.

It helps businesses not only adapt to, but truly embrace change, differentiating themselves from their competitors. Users can combine and assemble visual elements, in the form of blocks, to perform business logic that uses our API and plugin framework to build plugin code.

The BLD is deployed in our cloud-based application and can be built by customers or consultants as needs arise with immediate feedback.

The technology

The BLD harnesses the power of Google's Blockly technology, which is a web-based, visual programming library designed to be beginner-friendly. The FIS Asset Finance development team have taken the Blockly library and adapted it to create plugin code to extend the behavior of the core application without touching the underlying code.

This means:

- Reduced deployment costs
- Faster time from idea to usage
- Cloud built and deployed logic
- Less reliance on technical skilled resources
- Less dependence on technology providers
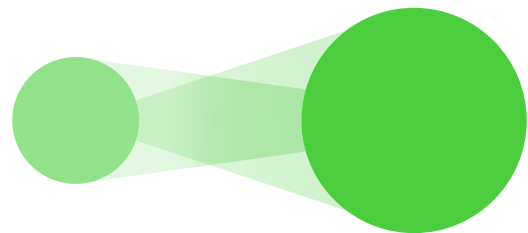
The uses

Examples include:

- Integration to market standard products and services
- Ecosystem connectivity to bespoke applications
- Workflow processing for AML, CDD and KYC Processing
- Data Warehouse Extract, Transform and Load (ETL)
- Commission and Brokerage Complex Calculations
- Document storage and production
- Score-carding for risk and credit assessment

The case study

FIS underwent an implementation with a Philippines-based consumer asset finance company. 14 unique endpoints were identified at the outset of the project, with an estimated 1,000+ man-days of development needed, adding an additional three months to the project.

Pivoting instead to our BLD tool, the client opted for a training model to deliver these endpoints via their own IT team, spending only 10% of the original project cost and bringing in the project by two months, significantly speeding up ROI.

The benefits

The benefits of being able to immediately configure and extend a platform are clear, as it allows businesses to clearly differentiate themselves from their competitors. Standard out-of-the-box models provide fast ROI, but can limit growth opportunities and the customer's ability to specialize their offerings to meet their customer niche.

A target-state architecture can often evolve, so reducing the time needed to fix the "for now" problems means it's much easier to refine the model going forward. Many projects get stuck in the Phase 2 or post-MVP malaise due to previous high costs to move from current to target state, but the BLD drives a model of constant improvements with minimal overhead.
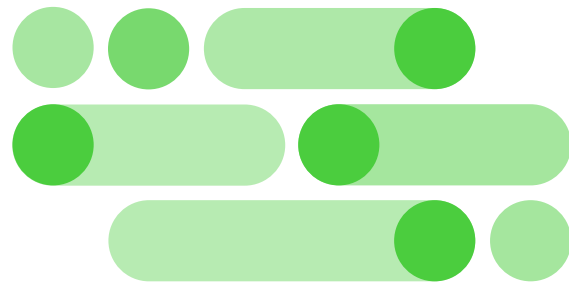
Other benefits include:

- Business ownership reducing vendor and IT reliance
- Lower total cost of ownership of the platform
- Cost efficiency resulting from removing lengthy software development timelines
- Instant application and new go-to-market strategies
- Drastically reduced testing cycles
- Ability to stay competitive

The platform

FIS Asset Finance is a single end-to-end system which supports the entire contract lifecycle in a configurable, parameter driven system, governed by your business rules. Its high degree of flexibility allows you to tailor the system to your organization's specific needs, with one highly adaptable and extensible platform that reduces the total cost of ownership and puts the power back into your hands. It's the only global platform that provides true low/no-code tools, meaning bespoke development of key items like integration points is a thing of the past.

Get in touch with an FIS Asset Finance representative today to see how the BLD could help you not only adapt to, but embrace change.

Find your unlock

FIS Asset Finance solutions help you put money
to work more effectively.
Our technology powers the global economy across the money lifecycle.

Money at rest

Unlock seamless integration and human-centric digital experiences while ensuring efficiency, stability, and compliance as your business grows.

Money in motion

Unlock liquidity and flow of funds by synchronizing transactions, payment systems, and financial networks without compromising speed or security.

Money at work

Unlock a cohesive financial ecosystem and insights for strategic decisions to expand operations while optimizing performance.

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