Aptitude
Fynapse

Solution brief | Fynapse Accounting Engine

Watch control and operational efficiencies soar with fully automated accounting and reporting

Let us drive your finance transformation

Total control of your accounting rules, processes, and reporting from a single location

The pressure is on CFOs to reduce the cost of finance while delivering operational efficiencies and strategic business insights. But with finance offices burdened with a tangled mess of data and systems and increasingly complex business models, how can finance rise to this challenge to perform better, faster, and cheaper?

Aptitude's Fynapse Accounting Engine fully automates the end-to-end accounting and reporting processes to accelerate financial close and regulatory compliance. The centralization and automation of accounting rules and business logic provides finance with total accounting control across the enterprise, however complex, all managed from a single location. Finally, your finance team can shift from performing time-consuming, manual processes and reconciliations to delivering high value, real-time reporting and insight with full confidence that the books will be closed on time, faster than before and without error.

We love solving complex finance challenges

The more complex your finance landscape is, the better. We are experts at the intersection of finance and technology and build solutions that will help you transform your finance function to meet the expectations of CFOs today. Do any of these challenges sound familiar?

- **Inflexible, disparate legacy technologies**
  Are you burdened with fragmented, aging systems that are unable to talk to one another, let alone seamlessly integrate? This leaves teams with siloed, decentralized and inconsistent accounting rules and processes across product portfolios, business units and regions

- **Accounting complexities**
  Are you a multi-entity company with multiple General Ledgers, currencies, local regulatory reporting requirements and the need to report under multiple GAAPs? Do you have complex products, business models and activities such as FX trading? This complexity creates accounting challenges around reconciling accounts with transactions and can lead to error-prone manual adjustments and no single source of financial truth

- **Data chaos**
  Do you have multiple, siloed data models held at varying levels of granularity with no consistency or single view of finance? This lack of data quality and transparency can negate stakeholder confidence in the finance function

- **Temporary fixes**
  Have you over-extended legacy technologies with 'sticky plaster' fixes to achieve regulatory compliance and multi-basis accounting? This is common and results in redundant and often inconsistently applied rules that are expensive, difficult to maintain and requires continued need for manual adjustments.

Fynapse Accounting Engine delivers control, automation, and transparency

The Fynapse Accounting Engine provides finance with a centralized control framework that consolidates disparate source systems, rationalizes posting patterns, centralizes and automates accounting rules and business logic, and delivers real-time processing and reporting.

Finance users are empowered to maintain multiple bases of accounting in one solution with the granularity necessary to support financial and operational reporting and rich analytics.

Achieve complete confidence that your downstream systems, like the General Ledger, will be fed with trusted, accurate, balanced journal lines with full data lineage back to the source transaction – regardless of the complexity of your enterprise.
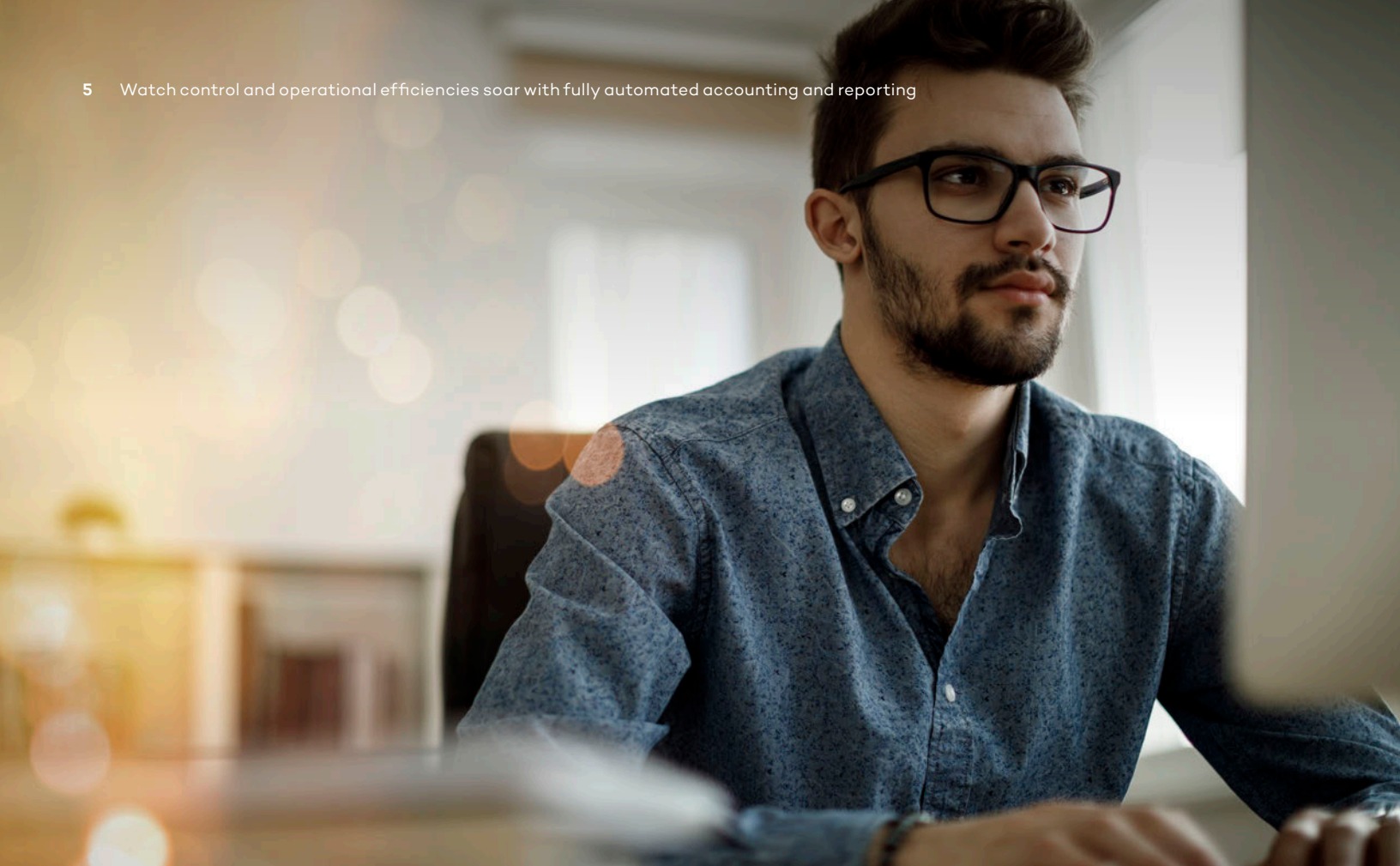
You will be able to:

- Ingest transactions from multiple source systems supporting both batch and real time processing

- Automate journal entry postings from a single business event to multiple accounting entries for different accounting books

- Access a highly intuitive interface, enabling finance users to easily set-up and maintain accounting rules and business logic

- Generate transaction-level journals in real time to support instant financial analysis and business insight with the ability to output to any target system (subledger, general ledger, BI and other 3rd party systems)

- Drill-back from journal entry postings to the underlying transactions, with full transparency of the accounting rules and business logic to provide source-to-post auditability and traceability

- Drill-across to see all journal entries generated from a single business event and visualize the entire accounting lifecycle of a transaction to reveal all events and related postings across multiple time periods

- Produce summary P&L reporting across all posting journals, again with the ability to drill through to underlying transactions

At Aptitude we build software that empowers users. The rich and intuitive user interface gives finance the power to configure, own and change accounting rules without reliance on IT. Respond quickly to changing business and accounting needs and new market opportunities.

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> **The mission of the CFO has shifted to that of trusted business advisor and transformation enabler, but the systems and solutions they use are often not equipped to deliver on that mission. Fynapse enables the capabilities required by today's finance teams and reflects that shift in the market towards automation, scalability, and near real time processes.**
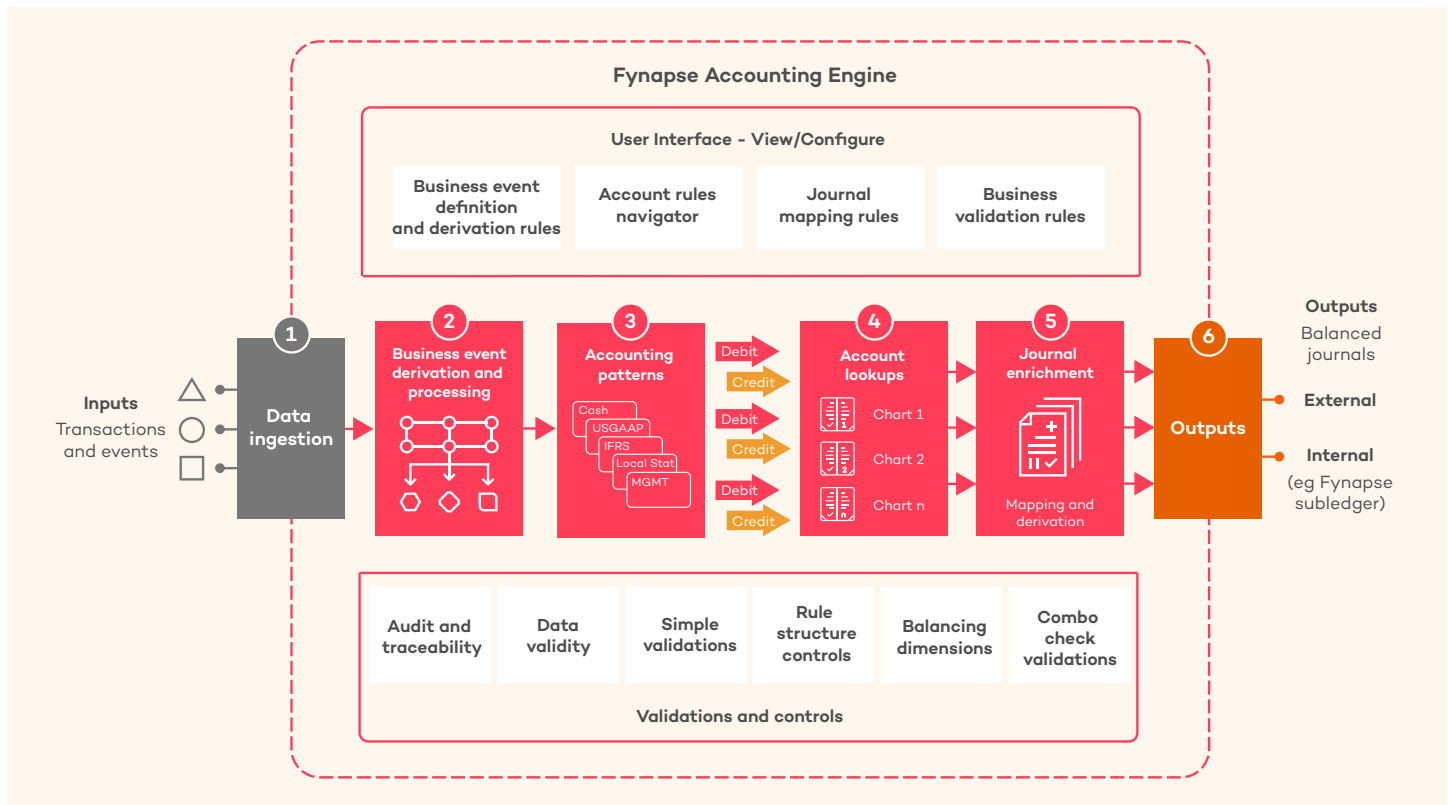
David Fourie,
Partner, KPMG LLP

Finance transformation made simple

A finance transformation journey can seem daunting and expensive, with a return on investment that can seem far off. At Aptitude, we believe that if you take an iterative, composable approach to transforming finance you will reap far more benefits across the business, faster.

Our Accounting Engine will help you do exactly that. It is a modern, best-of-breed solution that can be rapidly implemented and easily integrated into your existing finance system landscape.

It will solve the major headaches caused by a lack of control over accounting rules and processes across your enterprise which put your business at risk and drive spiraling finance costs.

Fynapse Accounting Engine

User Interface - View/Configure

| Business event definition and derivation rules | Account rules navigator | Journal mapping rules | Business validation rules |

Inputs
Transactions and events

1 **Data ingestion**

2 **Business event derivation and processing**

3 **Accounting patterns**
Cash
USGAAP
IFRS
Local Stat
MGMT

Debit / Credit
Debit / Credit
Debit / Credit

4 **Account lookups**
Chart 1
Chart 2
Chart n

5 **Journal enrichment**
Mapping and derivation

6 **Outputs**

Outputs
Balanced journals

External

Internal
(eg Fynapse subledger)

Validations and controls

| Audit and traceability | Data validity | Simple validations | Rule structure controls | Balancing dimensions | Combo check validations |

Here are some of the benefits:

Control

- Centralize, generate, and maintain accounting rules, processes, and reporting without any reliance on IT and without impacting upstream systems

- Multi-basis, multi-entity, multi-currency journal posting from a single solution

- Journals created in transaction, base and local currencies

- Significantly reduced non-financial risk (operational, regulatory, reputational) through robust access protection, a fully controlled workflow approval process, and access control reporting

- Stringent data control processes including reconciliation, data validation, error and adjustment reporting driving stakeholder confidence in the accuracy of your financial data and reducing business risk
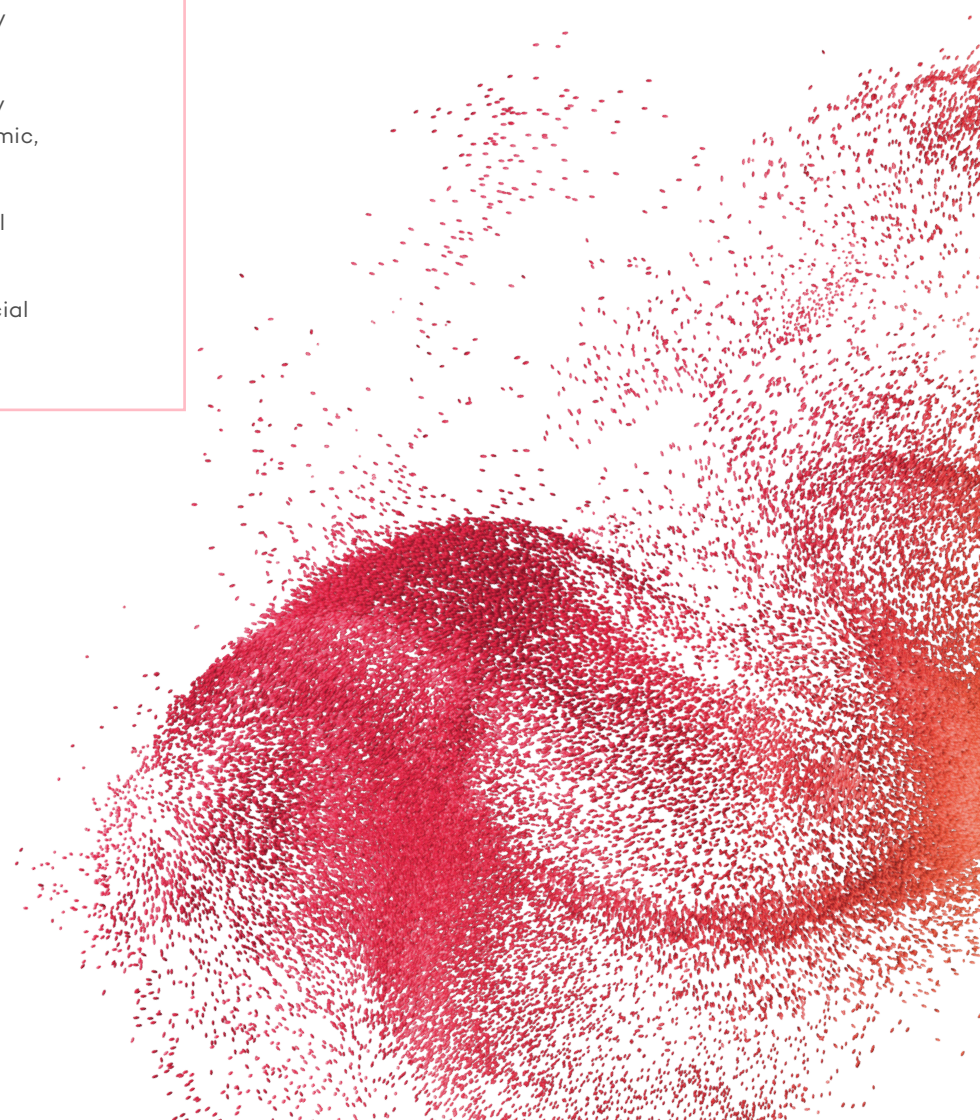
Transparency

- Access an intuitive, easy to use interface, designed for finance users, to view and maintain accounting rules

- Complete data lineage for every underlying transaction from source to post, allowing finance users to perform instant analysis to reduce errors and improve business insights

- Simplify the review, challenge, and audit processes

- Equip your finance team to quickly respond to challenges or opportunities, creating a competitive edge

Automation

- Highly efficient, empowered finance team with full automation of 'touchless' accounting from source to post, driving massive time savings

- Reduce manual interventions leading to improved controls and timelines

- Automate intercompany journal postings to reduce errors and save time

- Shift finance focus to business value-add activity

- Leverage accelerators from our partner marketplace to quickly adopt new business models

Reduced Cost of Finance

- Cloud-native nature, modular approach, industry accelerators, and user-enabled configuration offering a compelling reduced total cost of ownership story for both finance and IT

- Eliminate dependencies on costly 3rd party software licensing

- Dramatically reduce your financial monthly and quarterly reporting cycles with a dynamic, continuous close

- Reduce your costs while addressing control improvements

- Reduce your risk of having to submit financial restatements

A modern finance solution built to meet the needs of the CFO today, tomorrow, and beyond.

As with all our Fynapse modules, the Accounting Engine has been built from the ground up with the finance user at its heart using the latest technological advancements in data handling and processing.

Fynapse modules fully utilize the power of modern technologies to provide extreme performance, scalability, and data transparency to drive continuous compliance, full automation of finance and accounting processes and the delivery of real-time business insights.

We have built all our Fynapse modules using the following design principles so that you can scale as your business grows. You can be confident that with Aptitude you will have a future-proofed solution for whatever the future holds.

Modular and Agile
Best of breed, packaged finance management capabilities enabling progressive modernization, finance innovation and accelerated speed to value

Transparent
Provides end-to-end data lineage and traceability to reduce business risk and automate reporting

Extreme Performance
Moves at the speed of business with real-time processing to reduce time to close, drive real-time analytics and instantly respond to finance user queries and balance lookups

Scalable
Supports fluctuating transaction volumes and organizational growth with no impact on performance or the richness of finance data

User Centric Design at its Core
Designed specifically for finance users with contextual help at the point of need to increase efficiency, drive user satisfaction, and reduce reliance on IT

Cloud Native
Designed to maximize the value and performance of cloud technology, drastically reducing total cost of ownership, and providing the flexibility to support evolving business needs

Ease of Integration
Rapid integration to source systems with inbound and outbound APIs. All modules, applications and components can be easily integrated into an existing systems landscape and connect into a broad SaaS-based application ecosystem

Rapid Implementation
Cloud-native nature and industry accelerators support user-enabled configuration versus customization and regular upgrades for reduced time to value and a better ROI (Return on investment)

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