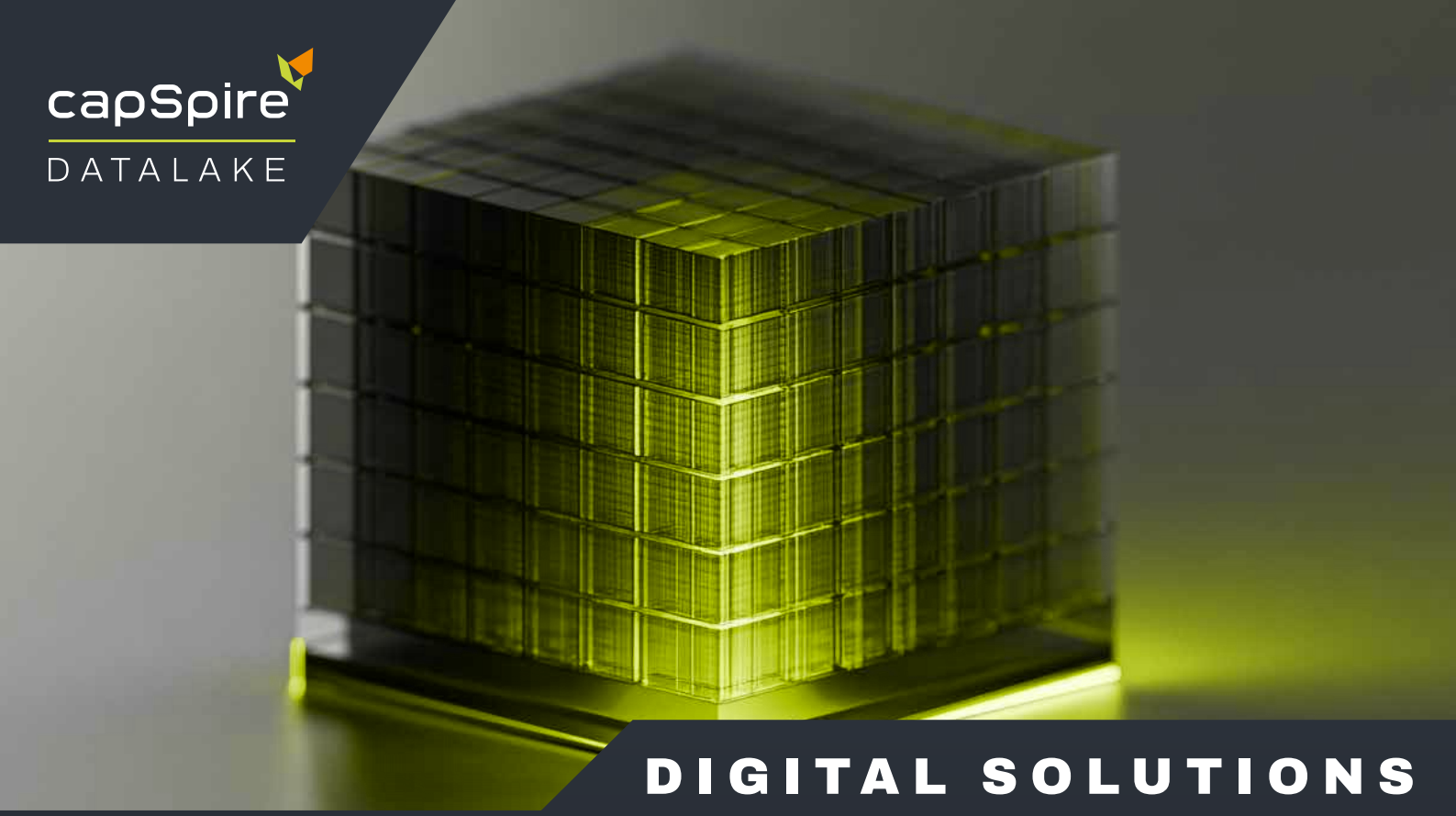
capSpire
DATALAKE



DIGITAL SOLUTIONS

DATALAKE

MAKE C/ETRM PLATFORM DATA WORK FOR REPORTING, ANALYTICS AND AI.

Make more informed decisions, sooner, on the platform you already trust. We have built a proprietary data lake and risk reporting engine that makes it ready for AI and advanced analytics.

THE DATA IS THERE. ANALYSIS IS THE HARD PART.

Your C/ETRM platform holds the data your business runs on. Preparing it for meaningful analysis is another matter.

The architecture is sophisticated by design, built for the complexity of trading operations, and that same design keeps the data model closed to self-service use. Most clients end up with a stack of extracts and still no single view of their data estate.

For the business, it shows in reporting. Mark-to-Market (MTM), Profit & Loss (P&L), P&L attribution, exposure and position reporting are demanding, and C/ETRM platform schemas are rarely built to deliver the analytical flexibility users now expect.

For IT, it shows as a growing number of one-off extracts to secure, patch and maintain, each a dependency to revisit at every upgrade.

THOUSANDS OF TABLES. NONE OF THEM TELL YOU YOUR POSITION.

Major C/ETRM platforms typically have thousands of tables, and the logic that turns them into a trade, a position or a P&L number sits in the application layer, not the database. Someone has to reverse engineer that logic, map it to something the business can use, and keep it current through every upgrade. That is where domain expertise matters, and it is what capSpire brings, whether the data lands in your existing platform or a lake we build alongside.

Compatibility is our responsibility. C/ETRM upgrades and support are our core business, so the model moves with the platform. Your data stays in your own environment, and you gain capability without gaining complexity.

PEOPLE CATCH THE GAPS. AI RUNS STRAIGHT THROUGH THEM.

AI that acts on your behalf needs data it can query without a human checking every step. Answering a P&L question, flagging a position limit breach, drafting a deal ticket: each is only as good as the model underneath it.

That is a data readiness problem before it is an AI problem. Feed it a one-off extract and it inherits every gap. Feed it the governed model your risk and reporting teams already trust, and it starts from something you can audit and rely on. ***One foundation, built once. capSpire Datalake carries today's reporting and tomorrow's AI without a separate data project for each.***

BUSINESS BENEFITS, BY ROLE.

RISK AND REPORTING TEAMS

One set of numbers, trusted across desks.

- MtM, Cash flow P&L and P&L attribution, and position reporting from one governed model, with the same source feeding front office position reporting and back-office settlement views.
- Faster answers to the questions that follow the report, without a new request for each one.
- Exposure reporting including a common data set for exposure and P&L.

IT SYSTEM ARCHITECTS

One governed lake instead of point-to-point technical debt.

- Auditable source from your C/ETRM platform through to reporting, showing where every number came from.
- Fewer custom extracts and bespoke integrations to secure, patch and maintain.

DATA ARCHITECTS

No reverse engineering required.

- A documented, business-ready model of trades, positions and risk, built once and reused across every reporting and analytics request.
- Repeatable data flow in place of manual extracts, reducing the maintenance burden at every C/ETRM platform upgrade.

IT LEADERS AND HEADS OF DATA

Full control of your C/ETRM platform data, without a long, high-risk migration.

- Greater accuracy and timely data extracts so decisions stop being made on stale or incomplete data.
- Stronger financial and back-office reporting, including open AR, ERP integration and one common home for commercial data.

ABOUT CAPSPIRE

capSpire is a global technology consulting firm helping energy, commodities, and capital markets organizations achieve measurable outcomes from their trading, risk, and treasury management platforms. We work across four pillars: Advisory, Delivery, Operations & Support, and Digital, Data & AI. Together, they help clients strengthen trading and risk capabilities, modernize treasury operations, and turn their data into AI-driven insight.

Our consultants bring decades of client-side industry experience, practical delivery knowledge, and a platform-agnostic approach to complex business and platform challenges. The result is stronger platform performance, faster response to market change, and lower operational risk.

BOOK A DEMO

See capSpire Datalake working in your live C/ETRM environment, and what real access to your data means for reporting, governance and your next AI investment.

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