capSpire



DIGITAL, DATA & AI | AI ENGINEERING

FORWARD DEPLOYED ENGINEERING

AI that runs in production, built inside your C/ETRM environment.

Our embedded pods pair C/ETRM domain experts with senior AI engineers to build, ship, and support agents against your real data, workflows, and controls. Not a roadmap. Working software.

THE CHALLENGE

PILOTS ARE EASY. PRODUCTION IS THE HARD PART.

Most trading organizations already have AI. Few have it working inside their C/ETRM landscape, where thousands of tables, business logic buried in the application layer, and strict controls break generic tools on contact.

GENERIC AI DOES NOT SPEAK C/ETRM

Positions, P&L, and settlements do not live in one table. An agent without domain context guesses.

GOVERNANCE ARRIVES TOO LATE

Pilots that skip permissions, audit trails, and approvals stall before they ever reach the desk.

ADOPTION FADES

Agents that sit outside daily workflows get tried once, then ignored.

CONSULTANTS TELL YOU WHAT TO BUILD. OUR FDE PODS BUILD IT, INSIDE YOUR ENVIRONMENT, AND STAY ACCOUNTABLE FOR WHETHER IT WORKS.

IS FDE THE RIGHT FIT?

Best when your C/ETRM landscape is live and always changing, a business owner can work alongside the pod, and you want running software rather than a roadmap. For vendor selection, diagnostics, or strategy, our Advisory team is the right place to start.

KEY BENEFITS FOR CLIENTS

FASTER TO PRODUCTION

Working agents in your environment, built on proven accelerators instead of from scratch.

RIGHT FROM DAY ONE

Domain leads translate desk challenges into ‘buildable problems’, so agents solve real C/ETRM work.

GOVERNED BY DESIGN

Permissions, audit trails, and human approval built in. Autonomy expands as trust grows.

BUILT TO LAST

Embedded in daily workflows and supported after launch, not left to fade after the demo.

HOW IT WORKS

FOUR STEPS FROM ASSESSMENT TO SCALE.

01 **ASSESS**
C/ETRM AI Ecosystem Maturity Assessment
Benchmarks your AI readiness, gaps, and next steps across the C/ETRM landscape.

02 **ENABLE**
AI Enablement
Prioritizes use cases that are frequent, painful, and measurable, then recommends the right-sized path.

03 **BUILD**
FDE Engagement
An embedded pod builds and ships the agents you need, tested against your data and controls.

04 **SCALE**
Platform and Support
Proven patterns become reusable platform modules, with L1 to L3 support to keep them running.

THE POD

C/ETRM DOMAIN LEADS

Practitioners who have lived inside the major platforms including Openlink, RightAngle, and Allegro. They translate trading-desk pain into buildable problems and own the business relationship.

AI AND PLATFORM ENGINEERS

Senior engineers embedded in your environment. They ship working software against incomplete data, fast, and stay accountable for outcomes.

All AI-generated code undergoes mandatory senior engineer review and automated testing. AI accelerates delivery. It does not replace expertise.

WHAT WE BUILD

RISK AND REPORTING

- Report builder and report explainer
- P&L explained, with drill-down
- Risk agents on our datalake solution

SETTLEMENT AND FINANCE

- Settlement and reconciliation agents
- Margin calculation and exchange reconciliation
- Month-end General Ledger and payment reconciliation support

TRADE AND COMPLIANCE

- Trade validator, from PDF to deal ticket
- Compliance and trade surveillance checks
- Data enrichment for bulk uploads

PLATFORM AND OPERATIONS

- Log and end-of-day analysis
- Support CoPilot for ticket triage
- Code review and test generation

Illustrative examples. Every build is scoped to your landscape and priorities.

WHY CAPSPIRE

E/CTRM NATIVE

Our people have lived inside the leading platforms. No ramp-up on what a position or a settlement is.

PLATFORM INDEPENDENT

Recommendations driven by your outcomes, not vendor alignment.

DATA FOUNDATION READY

Our Datalake schemas give agents a governed view of trades, positions, and risk.

PROVEN ACCELERATORS

Our Datalake and logistics intelligence solutions, plus reusable IP mean we do not rebuild from scratch.

WE RUN IT AFTER WE BUILD IT

L1 to L3 support and End-of-Day as a Service keep agents healthy after launch.

COMPLIANCE BUILT IN

Customizable guardrails, designed for regulatory readiness. Your data stays in your environment.

READY TO MOVE AI FROM PILOT TO PRODUCTION?

Start with a C/ETRM AI Ecosystem Maturity Assessment.
We will show you where AI pays off in your landscape and what it takes to get there.

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ABOUT CAPSPIRE

capSpire is a global technology consulting firm empowering energy, commodities, and capital markets organizations to achieve measurable outcomes from their trading, risk, and treasury management platforms. Through Advisory, Delivery, and Operations & Support, we help clients strengthen trading and risk capabilities, modernize treasury operations, and accelerate digital transformation.

What sets capSpire apart is the depth of our specialist expertise. Our consultants bring decades of client-side industry experience, practical delivery knowledge, and a product-agnostic approach, enabling well-informed decisions, AI-driven insight, faster response to market change, and reduced operational risk.

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