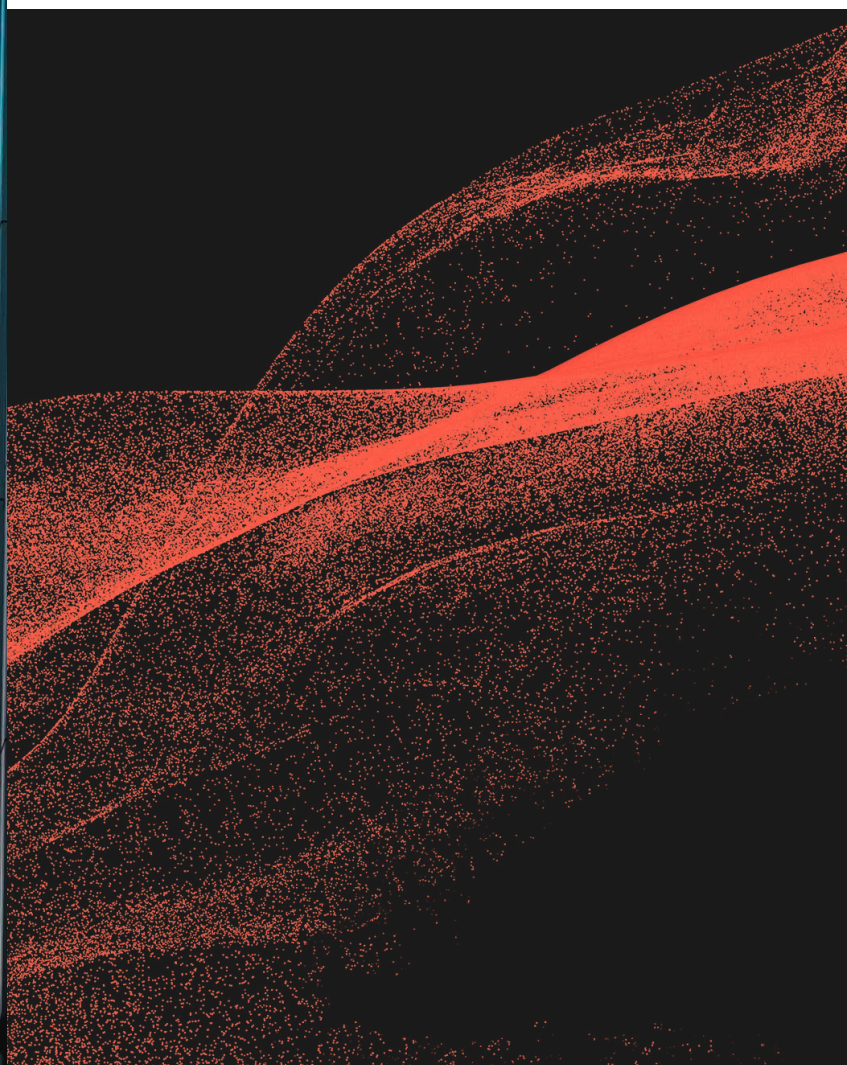


LTM | SPYDRA

BROCHURE

Modernizing Capital Markets

Real-Time Blockchain Repo Settlement Platform



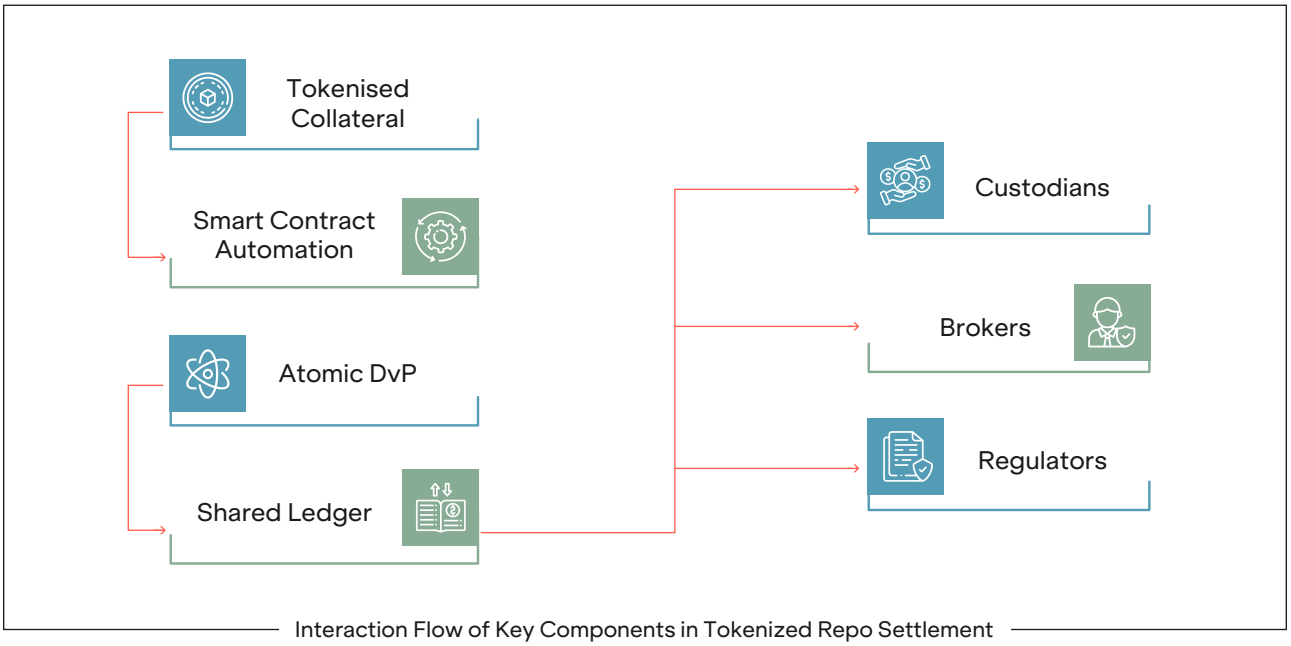
Introduction

In an era of instant value exchange and decentralized finance, legacy repo settlement systems fall short. LTM and Spydra's blockchain-powered platform sets a new standard for capital markets by redefining trade finality, transparency, and liquidity.

Today's bilateral repo trades suffer from settlement delays, opaque collateral flows, and costly intermediaries. T+1 timelines heighten counterparty risk, while manual margining inflates funding costs, and regulatory oversight remains reactive. Our solution leverages asset tokenization, smart contracts, and real-time DvP to enable instant settlement, seamless cross-border collateral movement, and shared-ledger access for custodians, brokers, and regulators. This platform eliminates manual processes, reduces risk, automates compliance, and brings real-time visibility—ushering in a decentralized future for capital markets.

Blockchain-Based Repo Settlement

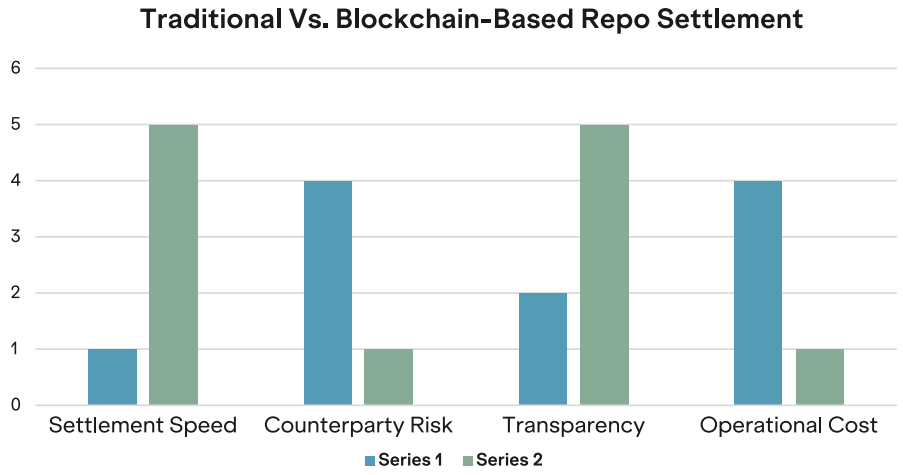
This diagram illustrates the flow and interaction between key components in the repo settlement process—tokenized collateral, smart contracts, atomic DvP, shared ledger, and the roles of custodians, brokers, and regulators.



Interaction Flow of Key Components in Tokenized Repo Settlement

Blockchain's Edge in Repo Settlement

A side-by-side comparison of T+1 vs T+0 settlement models, illustrates the advantages of blockchain's performance across speed, risk, transparency, and cost.



Advantages of Blockchain

Liquidity Unlocked

Faster repo cycles mean better cash deployment.

In-Built Trust

Immutable ledgers and smart contracts reduce disputes.

Regulatory Confidence

Real-time audit trails and systemic transparency better cash deployment.

Empowering Repo Stakeholders with Blockchain

Blockchain streamlines repo transactions for all stakeholders in the ecosystem. This table outlines how real-time,blockchain-enabled repo transactions deliver enhanced capabilities and strategic advantages for all majorfinancial stakeholders.

Persona	Key Capabilities	Strategic Impact
Custodians	• **Instant settlement finality** • **Immutable transaction records** • **Automated collateral oversight**	• Reduced operational risk • Lower reconciliation costs • Enhanced client trust
Buy-Side Institutions	• **Near-instantaneous DvP** • **Real-time collateral substitution** • **Direct market access**	• Improved liquidity utilization • Reduced counterparty exposure • Faster portfolio rotation
Sell-Side Institutions	• **Streamlined repo cycles** • **Smart contract-driven margining** • **Reduced intermediary friction**	• Cost savings on clearing • Faster capital deployment • Competitive edge in trade execution
Regulators	• **Real-time visibility intorepo exposures** • **Immutable audit trails** • **Systemic risk monitoring**	• Proactive oversight • Enhanced market stability • Simplified compliance reporting

Why LTM?

At LTM, we're driving the future of capital markets through our partnership with Spydra, combining deep expertise with innovative blockchain technology. Our real-time, decentralized repo settlement platform eliminates inefficiencies and manual work, delivering instant trade finality and smooth cross-border operations. We provide unmatchedtransparency with real-time visibility and immutable audit trails for custodians, brokers, and regulators—building trust and making compliance easier. By automating collateral flows and reducing counterparty risk, we unlock liquidity and lower costs for both buy-side and sell-side institutions. Above all, we work closely with our clients to tailor solutions that fit their unique needs, helping them confidently embrace a decentralized future.

With LTM, you can future-proof your capital markets operations—where speed, security, and transparency are built in by design.

Let's reimagine repo settlement together.

Book a demo at Info@ltm.com
to see how real-time repo settlement can transform your operations.

LTM is a global technology services and consulting company and the business creativity partner to the world's largest and most disruptive companies. We bring human insights and intelligent systems together to help enterprises across industries rewire their business models, accelerate innovation, and drive AI-centric growth. With our integrated operations, transformation, and business AI services, we design and deliver solutions that create new productivity paradigms and new roads to value. Together with 87,000 employees across 40 countries and our global network of hyperscaler partners, LTM — A Larsen & Toubro company — owns business outcomes for over 700 clients, helping them to not simply outperform the market, but to Outcreate it.

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