

The Capital Market Specialist



CLEARVisionTM

Back Office and Clearing and Settlement Solution

ClearVision™ is an enterprise solution for capital market broking firms. It helps to automate the operations of an exchange trading member across functions like client management, product distribution, clearing and settlement, accounting, risk management, reporting and compliance, primary markets, global equities, traded derivatives and bonds. With its support for multiple exchanges, settlement types, currencies and entities it is a central system that facilitates business growth and drives operational efficiency.



Key Modules of ClearVision™

1 Traded Global Equities

ClearVision™ supports multiple exchanges, multiple currencies and multiple entities, providing for a seamless clearing and settlement framework. The system design is flexible to incorporate broker specific parameters for trade processing, commissions, transaction charges and contracting. It automates the entire trade processing and settlement processes with minimal or no manual intervention. The different reconciliation modules including bank reconciliation, custodian reconciliation and exchange reconciliation which improves processing efficiencies.

2 Traded Derivatives

ClearVision™ supports clearing and settlement of exchange traded futures and options in equities and indices. The system handles various aspects of derivatives settlements including daily settlement of margins, raising of margin calls and risk management. The architecture allows fungible money movement between product segments, settlement types and markets controlled by entity specific business and regulatory rules.

3 Accounting

The system offers a fully integrated and a complete multi currency accounting module. A philosophy of 'one entry per transaction' ensures users will never have to enter a transaction twice, eliminating manual errors and dilution of controls. The system allows seamless drill down from financial statements to the underlying transactions. The accounting framework is compliant to standard accounting norms and can act as a corporate general ledger.

4 Risk, Surveillance and Compliance

ClearVision™ addresses all aspects of risk management be it credit risk, market risk or operational risk. Well designed reports and process flows help risk managers monitor risks, be it client activities, client exposures, fund positions or market movements in real time and act on them in a timely manner. A strong work flow engine, parameterized entitlements, an inbuilt document management system and complete elimination of manual processes ensure that operational risk are closely monitored and managed. On integration with Chella Software's leading risk platform ActiveMargin™, native support for various exchange margining methods like SPAN®, TIMS® can be provided.

5 Reports and MIS

The system provides pre-defined reports covering all business functions. In addition the inbuilt data mining and analysis tool allows users to build custom reports. The data available can be sliced and diced across multiple dimensions to provide superior business analytics.

6 Client Portal

The inbuilt client portal provides restricted and secure access to clients for managing their accounts and viewing statements. On integration with your corporate portal, it provides a seamless experience to customers across trading, transfer funds in and out of their accounts and viewing reports.

7 Security and Control

The workflow module supports a customizable approval process and inbuilt email alerts for sensitive transactions. Configurable roles, permissions and entitlements provide the system with a flexible, at the same time robust user management framework. The system provides complete audit trail of all actions with a powerful querying interface for forensic analysis.



Enterprise Architecture for Business Transformation

Apart from the tangible benefits that ClearVision™ provides, it acts as a vehicle for business transformation. Our customers have leveraged the platform to migrate to a different growth orbit, by adding new products, increasing their distribution reach and improving operational efficiencies. Some of the key transformations that the solution will bring about are

- **International best practices**

Strong client management features, including strict KYC norms reflecting international best practices. Seamless integration and availability of client data across different business segments, ensuring that revenue leakages are eliminated at the root.

- **Straight through processing**

Straight through processing of all transactions, with online interfaces with the exchange, depository and banks. Elimination of multiple entries for the same transaction, a transaction, be it a trade or settlement, goes through its lifecycle with no manual intervention.

- **Expand without borders**

Broking firms can expand into new markets and geographies with incremental technology investments. The system built on internet architecture, allows clients and agents to directly interact and execute transactions. Support for multi-currency and ability to connect to multiple trading venues, will facilitate firms to meet their current and future needs.

- **What is your risk return trade off?**

The key challenge of a risk management system is to monitor and control the different risks associated with the broking operations, but at the same time not overly limit business growth. The platform allows brokers to manage their risk return trade off, be it market risk, client credit risk, reputational risk or operational risk. The realtime architecture allows seamless flow of information across departments, divisions and users right upto the management team to take business decisions with complete understanding of the underlying risks.

- **Best in class technology providing uninterrupted business operations**

Using the latest in technology and leveraging proven and tested tools, Chella Software offers this solution at the best value point. Having worked in different markets with different types of needs, we are in a position to deploy a solution that is amenable to high availability and ensure that business continuity is not affected due to a single point failure.

Success Stories

Product sale and continuing maintenance of securities back office for one of the largest exchange groups in Asia. The solution has been implemented at a number of leading global investment banks covering their retail and institutional operations.

A top African Exchange has retained Chella Software to implement a hosted software platform to automate the entire operations of its member firms. The platform will provide broking firm with a modules for order management, trading, risk management, back office operations, clearing and settlement, custody management, portfolio management and primary market transactions.

Stock broking subsidiary of Standard Bank Group. Standard Bank Group is the largest bank in Africa with operations spread across the continent. CFC Stanbic Financial Services Limited, (CSFS) is a financial services subsidiary of the bank. CSFS implemented Chella Software's ClearVision™ and ActiveTrader™ suite of solutions for end to end automation of their operations.

Financial services subsidiary of a top 5 global bank has deployed Chella Software's post trade processing infrastructure covering equities, equity futures, equity option, index futures and index options. The solution built around Chella Software's existing product suite handles over 100,000 trades a day across 100,00 distinct client accounts.

Other Product Offerings

ACTIVETrader™

Order Management and Trading

Targeted at global investment banks, broker dealers and agency brokers, ActiveTrader™ provides order management and execution capabilities across a wide range of asset classes, including global equities, fixed income, futures, options and commodities. The platform enables firms to manage the sales desks and front office operations across retail, institutional and proprietary books. With support for FIX, we enable trading on multiple global exchanges (that support FIX). All of these are provided with state of the art risk management and surveillance features.

ACTIVEMargin™

Central Real-Time Credit Risk Management

We are a pioneer in the area of pre-trade risk management systems. ActiveMargin™ is a cutting edge, world leading risk management framework that supports over 50 global derivative exchanges and helps firms manage their client risk across geographies, asset classes, markets and currencies in a single integrated fashion. With extremely low latency capabilities, the system allows for managing risk on a pre-trade basis, so far possible only on a post execution or a end of day basis.

HORIZENInvest™

Investment and Fund Management

HorizenInvest™ manages a wide range of asset classes ranging from global equities to complex foreign exchange options and interest rate swaps. Used by some of the largest fund managers like insurance firms and multi-billion dollar corporate, it is a versatile and trusted platform. With support for seamless deal capture, settlement and fund accounting it enables straight through processing across the enterprise. HorizenInvest™ is built around global fund accounting standards and best practices, thereby meeting regulatory and statutory requirements.

About Chella Software



We are financial market specialists serving capital and derivative markets, treasuries and investment management verticals. Our customers include leading financial institutions across 9 countries. We process over 14 billion USD worth of deals every day, hold millions of customer accounts and offer sub-milli second processing for mission critical applications. 4 nationally important financial systems run on our platforms.

Our customers benefit from our 14 years of accumulated experience and insights into best practices from across the world. They frequently select us for transformational and strategic initiatives that include commencing a new business line, scaling an existing business or improving operating margin.

We have built one of the industry's best post-sales support system. We have never once lost an on-boarded customer. Once a ChellaSoft customer, one will always want to remain a ChellaSoft customer.



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