

Business Updates

COMMEX Technology is an established technology & consulting service provider and is in the Capital & Commodities market space, **the group is well positioned to cater to the need of technology support for various segments in commodity market.** COMMEX technology with its deep domain experience and management bandwidth would successfully address the need for new technology solutions.

There is a huge opportunity for COMMEX to service and sell its technology solutions to the rapidly expanding financial services market in India & overseas across product segments and markets

COMMEX Technology has deep domain knowledge of Capital and Commodity Markets and is among the fewer companies in the country to have successfully promoted a national level commodity exchange, **Universal Commodity Exchange Limited(UCX).** There are some more initiatives being planned by the company in Exchange business ecosystem.

In 2013, Universal Commodity Exchange, India's newest nationwide commodity futures trading platform, commenced its trading operation in **April, 2013,** which is promoted by **COMMEX Technology** along with key shareholders such as IDBI, IFFCO, NABARD & REC LTD.

Commex Technology have X trade as a multi-exchange, multi-market front office solution for major Indian markets. It has an integrated order management system and an advanced risk management system and also provides real time connectivity and order executions with multiple exchanges for equities, derivatives, commodities and Global currencies for money markets. Product offers high speed of order execution with scalable architecture and a highly flexible and user friendly interface for dealers, clients and administrators.

Commex Technology Limited also provides IT Consulting Services division focuses on key technologies and promotes the Extended Offsite Delivery Center model. The division also provides services of facilities Management and Managed services.



Broking Solution for Trading CTCL & IBT



MARKETS

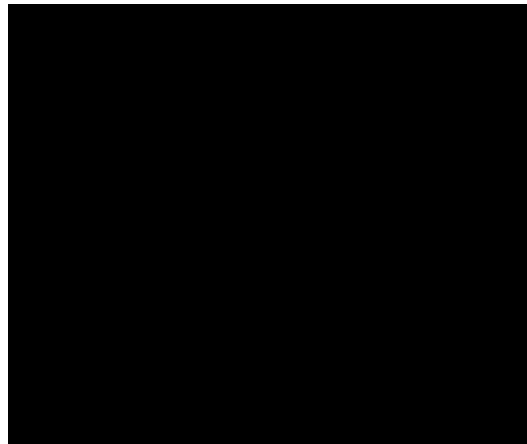
NSE Equity
BSE Equity
NSE Derivatives
MCX Commodity
NCDEX Commodity
UCX Commodity
NSE Currency
MCX Currency

TECHNICAL FEATURES

High Performance
Fast Response
Fault Tolerant
Highly Scalable
Fully Secure
Low Bandwidth Consumption
LAN, WAN, Internet connectivity

FUNCTIONAL FEATURES

Multi Market Order Management
Multi Product
Flexible Rule based RMS
Multi level Rule definition
Margin as well as MTM based
Dealers as well as direct clients
Multi branch hierarchy
Multiple admin with branch mappings



Xtrade is a multi-exchange, multi-market front office solution for major Indian markets. It has an integrated order management system and an advanced risk management system.

Xtrade Provides real time connectivity and order executions with multiple exchanges for equities, derivatives, commodities and currency markets. Product offers high speed of order execution with scalable architecture and a highly flexible and user friendly interface for dealers, clients and administrators.

Xtrade Workstation

- Can be used by dealer as well as clients.
- Supports multiple market watches with online streaming of data.
- Online market depth. NSE BSE Equity combined market depth.
- Flexible and user friendly order management features.
- Batch order and offline order entry feature.
- Flexible position management.
- Fully customizable. User can specify columns, font and color and shortcut settings for each report in the workstation.
- Customizable layout. User can control and define the default display characteristics of each screen.
- Integrated payment gateway to facilitate online fund transfer for direct clients.
- Detailed margin utilization statement for the clients.

Xtrade-Lite Workstation

- A browser based frontend for end clients.
- Market watch and market depth with online streaming of data.
- Comprehensive order and position management.

Xtrade Gateways

- Gateways for TCP and HTTP(S) protocols.
- Provide an encrypted and compressed channel for **Xtrade** and **Xtrade-Lite** clients to connect to system for order routing.
- Built-in load balancing and failover feature using application based clustering.
- Two factor authentication support.

Xtrade Broadcast Streamer

- Broadcast streamers for TCP and HTTP-Push protocols.
- Broadcast on UDP as well as multicast to support VSAT connectivity.
- 2 dimensional subscription methodologies for least bandwidth utilization.
- Proprietary compression algorithm.
- Built-in load balancing and failover feature.

Xtrade Exchange Adapters

- Exchange adapters for NSECM, BSECM, MCXSX-CM, NSEFO, MCXSX-FO, NCDEXCOM, MCXCOM, UCXCOM, NSECUR and MCXSX-CUR.
- Automated password management.
- Automated reconnect and synchronization feature post reconnection.
- Exchange market data and broadcast receiver.



COMPONENTS

- TRADE** Workstation
- TRADE** Lite Workstation
- TRADE** Chief Console
- TRADE** Gateways
- TRADE** Broadcast streamer
- TRADE** Life Workstation
- TRADE** Exchange Adapters
- TRADE** Chief Console
- TRADE** FORMS
- TRADE** Risk Management & Surveillance

System Requirements

- TRADE** Server
- TRADE** Workstation
- TRADE** Lite Workstation

CONTACT US



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trade Chief Console

- Console for the RMS administrators.
- Supports multiple admins
- Branch admin concept available
- All features of the **trade** Workstation available.
- Complete management of clients, templates, branches, dealers and administrators.
- Online configurable surveillance monitor.
- Option to define dynamic filter conditions using formulas.
- Option to create multiple surveillance reports using user defined set of columns and dynamic filter conditions.
- Fast order cancel and Fast position square off feature available.

trade Risk management & surveillance

- Robust risk management and surveillance function to ensure Novation and avoid market Manipulation.
- To protect the market from manipulation through short / long squeezes, the Exchange imposes Position limits across commodities' and enhances it for near month contracts.
- Daily price bands are used to stem intra-day absolute price volatility. The Market Watch team uses state of the art surveillance techniques identifying patterns and trading techniques wherein members / clients resort to acting in concert to manipulate the market.

trade FORMS

- High performance and low latency order management and risk management system.
- Unified order management for all exchange markets.
- Unified risk management supporting multiple products like Intraday, Delivery etc.
- Rule based risk management for defining margins, trade permissions and limits at market, product, script and script group levels.
- Explicit as well as implicit script groups.
- Built-in SPAN and VAR based client level margining as specified by the exchanges.
- Order level RMS to ensure that orders violating the RMS rules are rejected before sending to exchange.
- Multi branch hierarchy.
- Flexibility to do almost all operations online during market hours.

System Requirements

trade Server

- Intel 32 bit or 64 bit or AMD processor
- Windows 2003 or 2008 R2 standard edition
- Microsoft SQL 2005 or 2008 R2 standard edition

trade Workstation & XTRADE Chief Console

- Windows XP or Windows 7 with .NET 3.5 plugin
- Minimum 1GB RAM

trade Lite Workstation

- Internet Explorer 8.0 or above, Firefox 3.5 or above or Google Chrome
- Java plugin 1.6 or above

System Architecture

