

# Avalon FX Pro 4.5 Terminal

## *Instruments*

### **Available instruments**

- Spot FX Currency pairs
- Major USD pairs
- European USD pairs
- Non-European USD pairs

### **Cross pairs**

- Current quotes view
- Bid/Ask quotes in real-time
- Time of the last quote received
- Market depth
- Advanced view — view quotes in mini-form allowing one click execution
- Show/hide symbols
- Move symbol up/down

### **Other:**

- Grouping instruments according to the settings done by administrator
- Symbol properties — possible view of instrument settings: Margin settings,
- Rollover Settings, Contract Size, Profit Calculation Type, Order Limits (min SL in pips, min TP in pips, min Trailing Stop, Deviation limits, etc.)

## *Charts*

### **General**

- Real-time charts for all available instruments
- Chart view as candlesticks, bars, line chart
- Chart period: 1 minute, 5 minutes, 15 minutes, 30 minutes, 1 hour, 4 hours, 1 day
- Chart zoom – vertical and horizontal
- Volume
- Saving chart to the picture file (.png format)

- Printing chart
- Display on the chart current quote, open positions and orders in the form of lines
- Change color scheme
- NEW! Creating custom color schemes!
- Chart display in a separate window or in separate page control
- Chart preview window with smaller views of all open charts

### **Technical Analysis Drawing Tools**

- Cursor selection – pointer or crosshair
- Text comments
- Trend Lines: Vertical, Horizontal, Segment, Ray, Extended.
- Fibonacci tools: Fibonacci Retracement, Fibonacci Arcs, Fibonacci Fan, Fibonacci Time Zones, Fibonacci Extension.
- Arrows and shapes – adding icons from the set to the chart.
- Duplicate object function

### **Technical Indicators**

- Acceleration / Deceleration Oscillator (ACO)
- Accumulation / Distribution (AD)
- Accumulation Swing Index (ASI)
- Average Directional Movement Index (ADX)
- Average True Range (ATR)
- Awesome Oscillator (AO)
- Bollinger Bands
- Commodity Channel Index (CCI), including Modified CCI
- Demarker (DeM)
- Detrended Price Oscillator (DPO)
- Dynamic Momentum Index (DMI)
- Envelopes
- Fractals
- Gator Oscillator
- Ichimoku Kinko Hyo
- Linear Regression Channel
- MACD (Moving Average Convergence/Divergence)

- MACD Histogram (Moving Average of Oscillator)
- Market Facilitation Index (BW MFI)
- Median Price
- Momentum
- Money Flow Index (MFI)
- Moving Averages (MA)
- Simple Moving Average (SMA)
- Exponential Moving Average (EMA)
- Weighted Moving Average (WMA)
- Parabolic SAR (Stop and Reverse)
- Pivot Points
- Relative Strength Index (RSI)
- Rate of Change (ROC)
- Stochastic Oscillator
- Trend Momentum
- Weighted Close.
- Williams %R

## *Execution*

- Available contract sizes for Currency Pairs: Standard (100K), Mini (10K), Micro (1K).
- Contract size is in the Base Currency.

## **Market Orders**

- One-click execution using Quote Window and Trade Window
- Creating market order with additional parameters using Order Form.
- Possibility to set up Slippage – maximum deviation from requested quote when order will be executed.
- Display of additional information – Margin required for order execution, Free margin after order execution
- Comments for market order

## **Pending Orders**

- Placing and execution of Stop and Limit orders.
  - Independent Stop and Limit orders

- Stop and Limit orders linked to a position (Stop Loss, Take Profit, Trailing Stop)
- Order Rate selection in quote value or in pips relative to current quote (only for Stop Loss, Take Profit, Trailing Stop) or in estimated profit/loss (Only for Stop Loss)
- Visual setting of the Order Rate on the chart in Order Form
- Pending orders types:
  - Single,
  - Trailing Stop (only linked to a position).
- Pending Order Expiration.
  - By Default: Good Till Canceled.
  - By specific date and time — optional
- Possibility to set up Slippage – maximum deviation from requested quote when order will be executed.
- Commenting Pending Orders

## *Open Positions*

- Displaying the list of all open positions with detailed view of operation on each positions performed by user or a system (open, close, set Stop Loss, Take Profit, Trailing Stop, Rollover, etc.)
- Display difference between open and close prices
- Hedging
- List of current orders
- List of closed orders
- List of executed orders

## *Margin Call and Margin Status*

- Margin Calculated according to the following formula:
  - If Equity greater than MR (Margin Requirement) on all open position, then Margin Status = OK
  - If Equity less or equal Maintenance MR, but greater than Liquidation MR, then on all positions of a client Margin Status = Margin Call. The user gets the message that either additional funds are required or some positions must be closed. Positions are added to the list for liquidation. User cannot open new positions.
  - If Equity less or equal Liquidation MR on all positions, Margin Status = Liquidation. All client's positions are liquidated immediately, even if the client was informed about liquidation list.

- Margin Status is displayed together with planned liquidation time right after Margin Call

## *Account*

- Account Currency: USD only
- Account types: Standard, Mini
- Account Statements – display current Balance, Equity, Margin, Free Margin, UPL в USD.
- Online demo-account registration
- User's Back office page display.

## *Reports*

Following reports are available from Terminal. More detailed in Back office section

- Account History Report
- Account Statement Report
- Trade History Report
- Selection of the Report's period of time
- Report printing

## *Alerts*

- Alerts according to events: ask or bid price greater or less than specified value.
- Possible events: Sound played, Pop-up window, expiration date/time for alert — optional.

## *Multilanguage support*

Currently supported:

- English,
- Russian,
- NEW: Korean,
- Chinese,
- Japanese,
- Turkish,
- and French.

## *Newsfeed*

Receiving financial and FCM's news

## *Mailbox*

Receiving e-mails from the FMC

## *User Settings*

Selection and creating trader's desktop according to user preferences. Included: charts setup, number and position of windows etc.

# Avalon FX Pro 4.5 Back Office

## *Account Management*

### **General Functions**

- Add an account (either of the two ways)
  - Standard backoffice registration
  - Account creation integrated with online registration
- • Editing account details (in the standard mode only, same data as in account creation)
- Disable/Enable an account Administrator's function to manually disable or enable user's ability to work with the account. Account automatically becomes "disabled" after the expiration date.
- Unlock account – user's account becomes locked (same as disabled) after several unsuccessful user logins into the system. Unlock function reverses this status of the account
- Change password
- Change Expiration date
- Search for the account – accounts can be searched by user name, first name, last name, city, state, ZIP or address.

### **Forex Dealer Members**

FDM has two types of accounts linked to it: Money Managers and Managed Client. There are subaccounts which are combination of one Money Manager and one Managed Client accounts. Subaccounts are used to calculate clients' profit and traders' commissions.

Reports available to administrator:

- Audit

- Account History
- Money Managers Summary
- IB Clients Summary
- Reconciliation
- Activity
- M2M

Reports available to administrator for subaccounts:

- Subaccount history (similar to Account History)
- Subaccount statement (similar to Account Statement)

### **Managed Client Referring Brokers**

RB has two types of accounts linked to it: Money Managers and Managed Client. There are subaccounts which are combination of one Money Manager and one Managed Client accounts. Subaccounts are used to calculate clients' profit and traders' commissions.

Reports available to administrator:

- Audit
- Account History
- Money Managers Summary
- Managed Clients Summary
- Reconciliation
- Activity
- M2M

Reports available to administrator for subaccounts:

- Subaccount history (similar to Account History)
- Subaccount statement (similar to Account Statement)

### **Money Managers**

MM is a trading account for trading money of Managed Clients and receives commission from the trades.

Functions available to administrator

- Place Market Order
- Send a message
- View current quotes
- View list of subaccounts

- View detailed info on subaccounts
- Edit Commission and Management Fee for MM
- Add funds to subaccount
- Withdraw funds from subaccount

Reports available to administrator:

- Open positions
- Current orders
- Account Statement
- Account History
- Trade History
- Plain Trade History
- Plain Market Trade History
- Money Manager Subaccount Summary
- Trader State Audit
- Aggregated Positions
- Reconciliation

### **Managed Clients**

Managed Client is a non-trading account, which money is managed by Money Manager. List of Managed Clients can be viewed only from RB they are registered under.

Functions available for administrator:

- Deposit
- Withdrawal
- View list of subaccounts
- View detailed info on subaccounts
- Edit Commission and Management Fee for MM
- Add funds to subaccount
- Withdraw funds from subaccount

Reports available to administrator:

- Account History
- Account Statement
- Audit Client
- Subaccount Summary

- Reconciliation
- Activity
- M2M

## **Retail Traders**

RT is a trading account trading own money Avalon currently supports two types of Retail Traders:

- Retail Trader In-house – all transactions are processed within the system
- Retail Traders Offload – orders from these traders are processed by external Liquidity Provider

Functions of these both types are identical

Functions available to administrator:

- Deposit
- Withdrawal
- NEW: Credit
- Opening market order
- NEW: Opening pending order
- NEW: Managing orders
- NEW Closing orders
- Messaging
- View current quotes

Reports available to administrator:

- Open positions
- Current orders
- Account Statement
- Account History
- Trade History
- Plain Trade History
- Plain Market Trade History
- Trader State
- Audit
- Aggregated Positions
- Reconciliation

- Activity
- M2M

Corporate Traders Functions available to administrator:

- Deposit
- Withdrawal
- Opening market order
- Messaging
- View current quotes

Reports available to administrator:

- Open positions
- Current orders
- Account Statement
- Account History
- Trade History
- Plain Trade History
- Plain Market Trade History
- Trader State
- Audit
- Aggregated Positions
- Reconciliation
- Activity
- M2M

## **Hedge Funds**

Functions available to administrator:

- Deposit
- Withdrawal
- Opening market order
- Messaging
- View current quotes

Reports available to administrator:

- Open positions
- Current orders

- Account Statement
- Account History
- Trade History
- Plain Trade History
- Plain Market Trade History
- Trader State
- Audit
- Aggregated Positions
- Reconciliation
- Activity
- M2M

### **Administrators**

Administrators have all the functions needed to work with users and server

Reports available to administrator:

- Audit

### **Operators**

Operators have all the functions needed to work with users.

Reports available to administrator:

- Audit

## *System Management*

### **Trade group management**

Trade Group is designed for aggregating trading accounts into groups with specific settings for trading in general and per instrument.

Functions available to administrators:

- Type of contract available to the Trade Group – standard, mini and micro contracts are available.
- Maintenance Margin and Liquidation Margin Rate per instrument
- Choice of Market Provider for the specific group

### **Symbol Management**

Settings for the instruments available in the system include:

- Category of an instrument

- Spot FX (dollar pairs)
- Spot FX (cross pairs)
- CFDs
- FX Outrights
- Precious Metals
- Number of decimal digits
- Type of Profit/Loss calculation
- Type of Margin calculation
- Type and parameters of Rollover calculation
- Size of a standard contract
- Quote source
- Quote Filters (Ask correction, Bid correction)

### **FX Server Dumps**

Technical information from the server

### **Send News**

Sending news to a particular Trade Group

Personal messages are sent from user's personal page.

### **Custom money transfer**

Transferring funds from one account within the system to another

### **Search Order**

Searching for an Order by Order ID

## *Reports*

All reports are created for selected user for a specified period of time. All of them can be exported in XLS or PDF format.

### **Summary reports**

Summary reports on all clients in the system, and on each type of a client. They include info about overall number of clients of the specified type:

- Summary reports for all user types
- Trader Balance
- Account Statement
- Reconciliation

- M2M
- Activity
- Aggregated Positions
- Profit and Loss
- Turnover
- Profit and Loss from Rollover
- Commission