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Integrating Web and Mobile Trading Terminals with MT4 Server

A practical architecture for account access, quotes, trading, permissions and reliable client-facing applications.



The trading server and the client interface are separate products

A web trading interface, a mobile application and an MT4 Server are not the same system. The server maintains the trading infrastructure, accounts, symbols and the configured trading environment. A Web Terminal provides a browser-based client experience; a Mobile Terminal provides access from supported mobile devices. A Web/API integration layer may be required to connect those interfaces to the permitted server functions.

This separation is important commercially as well as technically. Renting MT4 Server does not automatically include branded web and mobile applications. Similarly, a user may be able to view market data in a public terminal without gaining trading or administrative privileges.

A reference architecture for the project

A practical design has four layers. **Layer 1 — MT4 Server:** accounts, groups, symbols, trades and authorized management. **Layer 2 — integration services:** controlled access to permitted server functions, data adaptation, authorization, sessions and monitoring. **Layer 3 — trading clients:** browser, desktop and mobile interfaces that display charts and allow authorized operations. **Layer 4 — brokerage services:** client cabinet, customer support, deposit/withdrawal processing and additional reporting if required.

Integration details depend on the available server interfaces, the project specification and any software rights. No direct internet-facing administrative endpoint should be exposed merely to simplify a mobile application.

What must be tested before going live

- **Account access:** account number, master/investor password behavior, session expiry and password-reset process.
- **Market data:** symbol naming, price precision, quote freshness, reconnect behavior and chart-history continuity.
- **Order workflow:** permissions, order submission, confirmations, rejected orders and understandable error messages.
- **Account information:** balance, equity, margin, open positions and trade history consistency across clients.
- **Security:** TLS, protected credentials, rate limiting, audit logs and restricted service accounts.
- **Stability:** mobile network interruptions, background/resume behavior, hosting failures and peak usage.

These are acceptance tests, not a promise that every optional feature is included in the base subscription.

Investor access versus real trading

A useful free demonstration can show a terminal, charts and account information through investor access. In standard MT4 behavior, the investor password is intended for viewing and analysis; it does not authorize trade execution. To test actual orders, the user needs the appropriate account permissions and a server environment configured for the intended workflow.

Hi-Tech-Fx offers a public Web Terminal at **https://hi-tech-fx.com/terminal/**. Customers should distinguish this limited introduction from a paid full-access server evaluation and from a separately quoted trading Web/Mobile service.

Branding and distribution require clear specifications

A company may want its own logo, server label, colors, mobile interface and customer-facing identity. These are implementation requirements, not automatic results of renting a basic MT4 Server. For a mobile project, specify the target operating system, supported versions, installation method and whether a public app-store listing is required. Android distribution through an APK is not the same as publication in Google Play; an independently delivered iOS application should not be assumed to be an official MetaQuotes App Store release.

Before selecting a solution, ask for a demonstrable build and a written delivery matrix for the platforms you actually need.

Phased implementation lowers integration risk

Phase A — discovery: identify server version, account types, permissions, client platforms and commercial scope. **Phase B — basic connectivity:** verify symbols, quote feeds, authentication, history and account information. **Phase C — controlled trading tests:** exercise account operations and order workflows in an agreed evaluation environment. **Phase D — rollout:** add branding, monitoring, support procedures and optional brokerage modules after acceptance.

This approach helps an in-house developer focus on the application while the provider supplies the server environment and agreed integration components. Clients are free to implement their own software if they have suitable development expertise.

Commercial model: select only the modules you need

Hi-Tech-Fx offers MT4 Server rental or purchase and optional Web Terminal, Mobile Terminal, Web/API and brokerage integrations. The published daily MT4 Server rental base is **0.000365 BTC** as of November 2026. Web and mobile access modules are separately priced; the current calculator and individual quote determine the final configuration. If the company needs only a browser solution, there is no reason to assume it must automatically buy a mobile package as well.

Web Terminal: https://hi-tech-fx.com/terminal/
Infrastructure services: https://hi-tech-fx.com/MetaTrader4/en/services.html
Contact: https://t.me/mt4server

Further information and technical references

- Hi-Tech-Fx: Products & Solutions — https://hi-tech-fx.com/MetaTrader4/en/products.html
- Hi-Tech-Fx: Infrastructure & Integrations — https://hi-tech-fx.com/MetaTrader4/en/services.html
- MetaTrader 4 Client Terminal Help — https://www.metatrader4.com/en/trading-platform/help

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