

QuantumChem Platform Update – New Features & Enhancements

We're excited to announce a major update to **QuantumChem.site**, bringing improved authentication, user experience, analytics, and platform reliability. These updates are now live, fully functional, and verified.

Enhanced Authentication System

QuantumChem now supports multiple secure login methods including Google OAuth, Manual Account Registration, and Guest Access Mode. Each login type is clearly identified in the Profile Section.

Improved User Profile Dashboard

The Profile Section now displays real-time authenticated user data such as Full Name, Email Address, Login Method, User ID, Email Verification Status, Account Creation Date, and Last Login Timestamp.

Official Domain Upgrade

The platform is now officially running on **<https://quantumchem.site>** with secure DNS and production-ready configuration.

Analytics & Performance Monitoring

Cloudflare Analytics and Vercel Analytics have been integrated to provide accurate traffic, security, and performance insights.

Platform & Deployment Improvements

The site is deployed via Vercel, ensuring fast load times, reliable routing, and a consistent UI across all pages.

Quantum Chemical Database

Access to 1000+ laboratory chemicals with real-time visualization and safety protocols is now live.

Security & Reliability

Secure authentication, session tracking, and privacy-focused architecture are enforced across the platform.

What This Means for Users

Real accounts, verified analytics, production-ready infrastructure, and improved trust.

What's Next

Upcoming improvements include blog expansion, dataset growth, research collaboration tools, and enhanced email verification.