

# 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.