THETICA SYSTEMS

Tailored Analytics
and Data Integration
for CMBS, RMBS, ABS & CLO

Benefits by Bond Type

Real-time pricing and analytics for your trading desk? Done. In-depth risk assessments, stress-testing custom cashflow scenarios, and tailored reports for clients or your team? Covered. Handle CMBS, Agency/non-Agency RMBS, CRT, CLO/CDO, CRE CLO, and all ABS variants from our rock-solid foundation, with views and outputs built to your exact specs. Run any scenario you want with high-speed, transparent analytics to dissect your bonds with confidence. Plus, seamless integration with your data providers and ongoing maintenance means no disruptions or broken feeds—so less hassle, more focus on your work, not wrestling with tools.

Benefits for All Portfolios

Our platform unifies all structured finance portfolios into a single, powerful solution tailored for trading and risk management. Customize and automate complex analysis and reporting to your exact specifications, leveraging all licensed data fields without manual searching or coding. Generate yields across multiple scenarios, stress tests, and enhanced price-yield grids, with results fueling tear-sheets, viewers, screeners, and deep dives. Search the entire securities universe using criteria like bond analytics outputs (e.g., WAL, First-Pay, Second-Pay, Back Pay, Never Pay). Create custom reverse look-ups to identify re-leverage points, including child deals, and utilize complex price/yield matrices and custom pricing algorithms. Share outputs with authorized users, while our system parses, stores, and processes BWIC emails, automatically alerting traders or salespeople when market color matches inventory bonds. Build and distribute a Color database, analyze market color by sector or tranche, and access the platform through multiple interface options to work the way you want to.

Benefits for CMBS

Streamline your CMBS operations with our powerful, integrated tools. Easily search assets by specific criteria, fully linking vector functions with bond analytics. Run asset-level forecasts across your portfolio or the entire CMBS universe, with daily pricing batch runs exportable to Excel or databases. Parse CMBS emails for key details like bid/offer size, price, spread, rating, and DM/WAL. Create detailed single-page deal summaries with asset stratification, customize loan-level modeling, and save models to a secure database for automated bond runs. Monitor loan history for critical updates, calculate collateral stats based on your chosen fields, and view portfolio bonds with any metrics you want. Get instant results from customized cashflow analytics, ensuring precision and efficiency in your workflows.

Benefits for RMBS, ReREMIC and CRT

Our platform empowers traders and risk managers in RMBS with advanced, integrated tools for seamless operations across the entire US RMBS universe. Leverage screener functionality to screen by analytical values, aggregate metrics, and other key characteristics. Benefit from automatic scenario selection, running child deals at both deal and group levels, and quickly isolating reremic child deals with optional redemption features absent in the parent deal. Visualize effective delinquency rates graphically for immediate insights and execute large volumes of cashflows rapidly—no matter the complexity or steps involved. Automate and pre-calculate custom scenarios for various applications, applying them in overnight, ad hoc, or bucketed runs; use results to assess nonperforming and reperforming loans, estimate bond price sensitivity, and swiftly calculate spread and IR durations. Run multiple cashflow scenarios overnight on the full RMBS universe for daily readiness, automate hierarchical CRT scenarios with your preferred loss models on specific assets, and automatically switch to default scenarios when CRT vectors are unavailable.

CLO/CDO and CRE CLO

Organize, summarize, and drill down into portfolio holdings to pinpoint exposure to specific issuers, collateral managers, or industries. Compare bonds or managers against cohort groups for relative value analysis. Run complex cashflow scenarios and price-yield matrices on-demand or on a schedule. Leverage asset-level modeling, asset watchlists, and LoanX mapping algorithms for precision. Analyze the entire CLO universe as needed, with BWIC message parsers automatically capturing market color from your emails. Accelerate trading with pre-calculated, pre-aggregated data, ensuring efficiency and informed decision-making.

What Comes Next?

Discuss your interest and ideas with our development team. We specialize in bringing your best ideas to life so you can get more done with fewer headaches.

Request a Discovery Call