

# Yield Book Classic

Our Yield Book® Classic application has delivered the power of Yield Book fixed income analytics to global market participants for 30 years. A critical application for many market participants, users can access historical data, calculate and analyze single securities and generate portfolio level analytics for various securities through an Internet gateway. Robust batch scripting and batch-on-demand production tools allow for automated large-scale calculations and enable integration of Yield Book analytics into other in-house applications. Users can speed up calculations by leveraging boost licenses to ensure business-critical deadlines are met.

Your requirement	Our solution
Comprehensive coverage	Across 10 million+ natively modelled securities, including governments, agencies, corporates, high yield, emerging markets, mortgages, ABS, CMBS, CMOs and derivatives.
Powerful analytics	Yield Book Classic application provides an extensive set of tools to analyze your securities, including individual security price/yield and option adjusted calculations, risk analysis (partial durations and other sensitivity measures), scenario analysis, and 1 for 1 swap evaluation.
Ease of use and accessibility	Yield Book Classic has a simple, easy to use GUI, using an internet connection to interact with Yield Book's comprehensive database, powerful calculation engine and extensive range of customizations.
Flexible reporting	Reporting is available in a variety of formats including PDF and CSV files, allowing for easy export of analysis.
Accessibility	Yield Book Classic is available over the internet, providing easy access to the latest versions with no updates or installations necessary.

30+  
years of analytics

92%  
of largest 50 US fixed income  
money managers<sup>1</sup>

25million+  
calculations every 24 hours

## Key features and functions

The Classic application offers access to Yield Book's comprehensive analytics libraries and fast calculation servers, allowing you to quickly calculate multi-path dependent measures and export metrics for the following major functionalities:

Requirement	Approach
Single security and aggregated analytics	<ul style="list-style-type: none"> <li>Calculate and display single security analytics</li> <li>Aggregate analytics for portfolio and sector analysis</li> <li>Evaluate the portfolio on an absolute basis or relative basis versus the benchmark</li> <li>Extract and visualize the most important and relevant information using customized report templates</li> </ul>
Price / Yield calculations	<ul style="list-style-type: none"> <li>Include measures such as price, yield, OAS, convexity, effective convexity, effective duration, and partial duration</li> </ul>
Customized user input and output	<ul style="list-style-type: none"> <li>Customize your analysis by specifying user-defined prices, bonds, curves, volatility surfaces, scenarios, prepayment model dials, and tenors for partial durations</li> </ul>
Descriptive information and historical analytics	<ul style="list-style-type: none"> <li>Access comprehensive sets of data such as bond indicatives, historical pricing, yield curves and actual versus projected prepay speeds for mortgages</li> <li>Run time series analyses to perform a variety of calculations or manipulations including spreads, butterflies, regression, return compounding, standard deviation, and correlation</li> <li>Dynamically calculate historical analytics to backfill missing data sets and enrich your range of derived analytics to create a golden source of fixed income analytics</li> </ul>

<sup>1</sup> Ranked by total fixed income assets under management by Institutional Investor, The 2016 II 300 – America's Top 300 Money Managers

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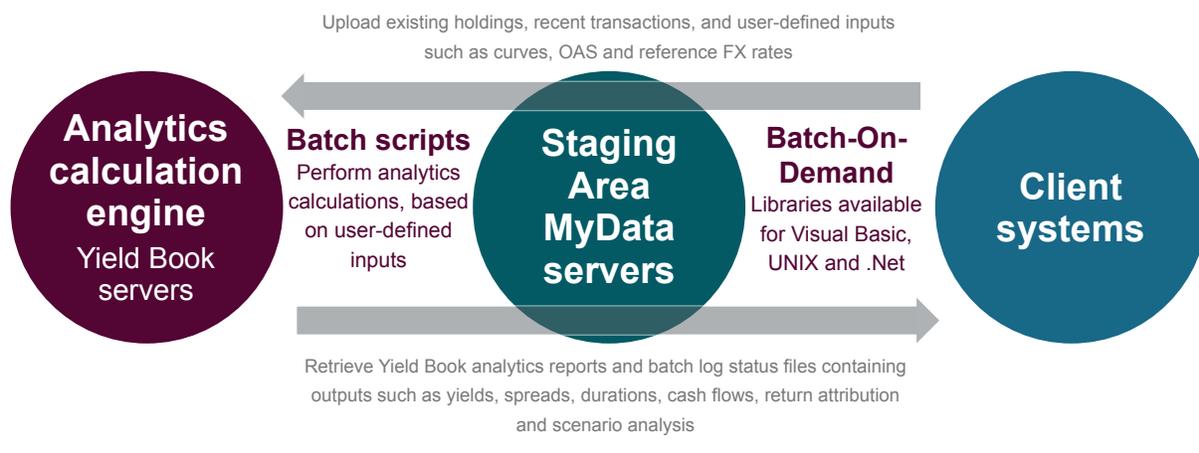
### Key features and functions – continued

Requirement	Approach
Advanced mortgage analytics	<ul style="list-style-type: none"> <li>Retrieve collateral information including pool-level details for CMOs</li> <li>Analyse prepay model performance by comparing actual realized prepayments to model projections</li> <li>Stress test PAC bands through WAL sensitivity analysis</li> </ul>
Scenario and cash flow analysis	<ul style="list-style-type: none"> <li>Perform scenario and cash flow analysis by changing input criteria to assess the performance of single securities or portfolios</li> <li>Generate cash flow and return projections based on user-defined shifts for interest rates, spreads, currencies, volatilities, and prepayments</li> </ul>
Actual Rate-of-Return and return attribution analysis	<ul style="list-style-type: none"> <li>Calculate the rate of return (ROR) on a position given the starting and ending prices and dates or calculate the forward price assuming a finance rate</li> <li>Gain a better understanding of key drivers of total return such as yield curve movements, spread changes, volatility fluctuations, and prepayments</li> </ul>
Tracking Error and Value-at-Risk (VaR)	<ul style="list-style-type: none"> <li>Isolate and measure the components of risk and potential sources of return with a Monte Carlo simulation-based approach</li> </ul>
Optimization	<ul style="list-style-type: none"> <li>Make informed decisions around trade weighting, portfolio optimization relative to a benchmark, and hedging a portfolio</li> </ul>

### Flexible and reliable automation capabilities

Yield Book Classic's **Batch Processing** function facilitates flexible automation of various risk processes. This allows users to schedule overnight batches and generate customizable reports on a daily, weekly or monthly basis.

**Batch-on-Demand (BOD)** gives users the controls to programmatically run Yield Book batch scripts and to automate file transfers with the MyData servers, which enable interaction between client and Yield Book systems.





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