

## A/L Advanced

A/L Advanced is an internet-based asset/liability management (ALM) and forecasting solution specifically designed for credit unions and other financial institutions. This powerful tool not only provides comprehensive reports, it also gives users the ability to independently develop and test an unlimited range of strategies from any computer with internet access.

## Benefits

Develop strategies that create advantageous business positions by utilizing A/L Advanced.

- **Peace of mind** – Assess interest rate risk in various interest rate shock scenarios. Track compliance with regulations and policy limits for interest rate risk management.
- **View income outlook** – Forecast earnings under different business and market assumptions.
- **Save time** – Create branch-level and consolidated budgets.

## Ease of Use

A/L Advanced's user-friendly web interface simplifies the entire ALM reporting process. A/L Advanced users need only an internet connection and a web browser, eliminating the need to purchase and maintain special software.

- Load data in Microsoft Excel format via a secure connection.
- Market rates and yield curves can be customized by you or updated by professionals at Balance Sheet Solutions.
- Prepayment speeds can be specified by you or provided by Balance Sheet Solutions.
- The chart of accounts can be customized to match accounts that are specific to your credit union.

## Robust Analytics

A/L Advanced utilizes the same state-of-the-art calculation engine (ZM Financial Systems' ZMdesk) used by large financial institutions to model advanced fixed-income and derivatives analytics. A short list of features includes:

- Stochastic modeling option
- Instrument-level calculations
- Premium and discount accounting
- Support for callable bonds and step schedules
- CUSIP-specific collateralized mortgage obligation (CMO) cash flows
- Standard, multi-factor mortgage prepayment models (incentive, seasoning, seasonality, burnout)
- Option-adjusted valuation

## Reporting and Measurements

A/L Advanced is a complete solution for all asset-liability management and earnings forecast reporting needs. Key financial calculations presented on the reports (available in Adobe PDF and Excel formats) include:

- Net economic value (NEV) and capital ratio
- Forecasted net interest income and net income
- Re-pricing and cash flow gap
- Duration

## Staff Expertise

An experienced ALM staff will provide support throughout the entire process, to help clients understand and use A/L Advanced reports. View staff biographies at [www.balancesheetsolutions.org](http://www.balancesheetsolutions.org).

## Getting Started

Contact an Investment Advisory Representative at Balance Sheet Solutions or call 888-796-6389.