

# **Bond Access**

Comprehensive Fixed Income Suite



# Objective

Access fixed-income securities as a portfolio manager to

- Watch the current market
- Research the Trading strategy
- Book a trade
- Record the cumulated position
- Manage the risk
- Realize the gain
- Send out the summary report

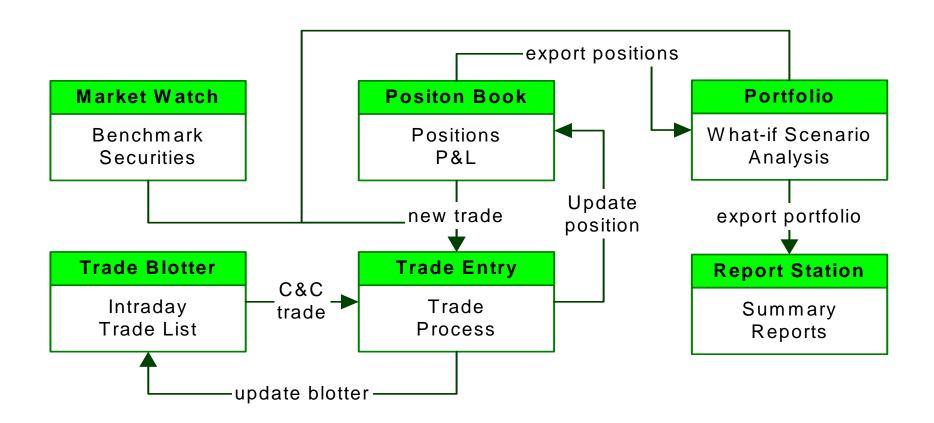


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- Overview
- Quick Start Book and Record
- Trading Strategy What-if Scenario
- Summary Review Custom Report
- Risk Management Value at Risk

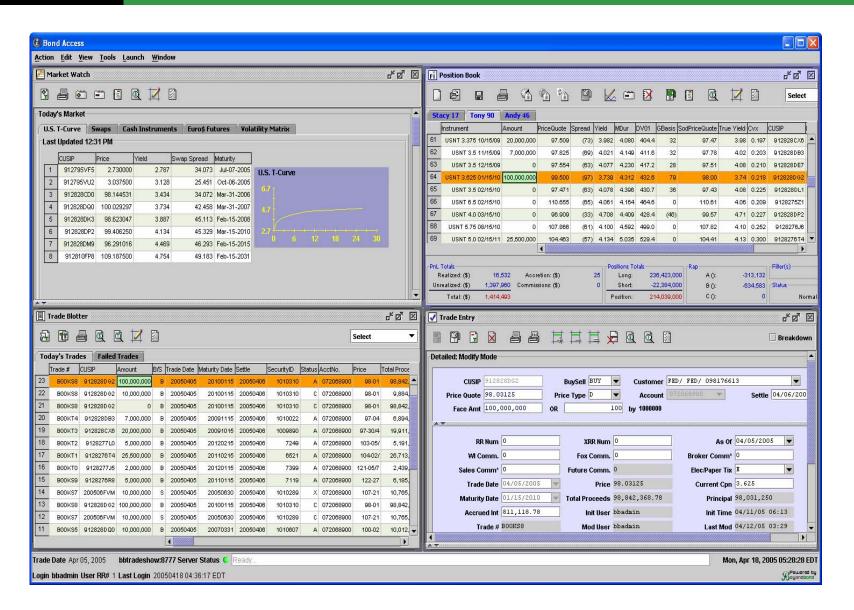


#### Overview – Flowchart



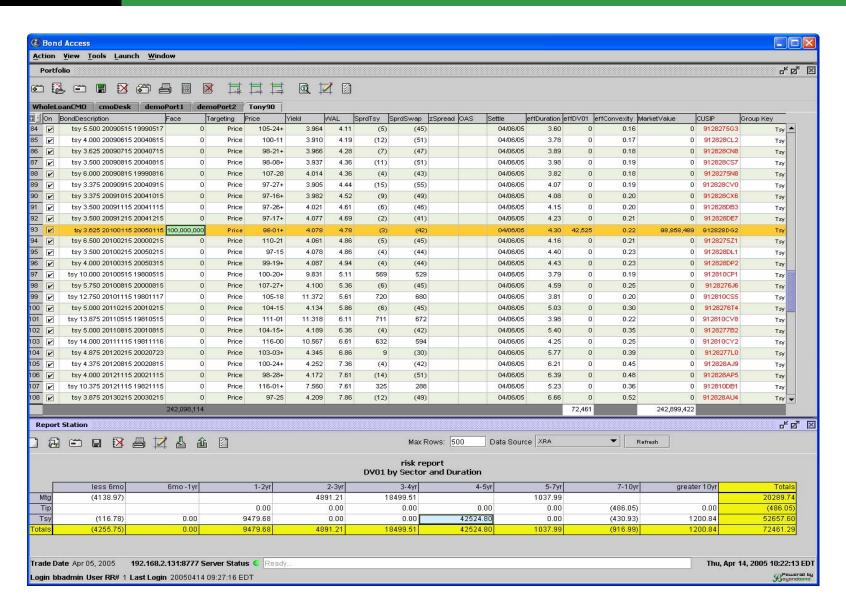


#### Overview – Quadrant Trade View





#### Overview – What-if Portfolio View



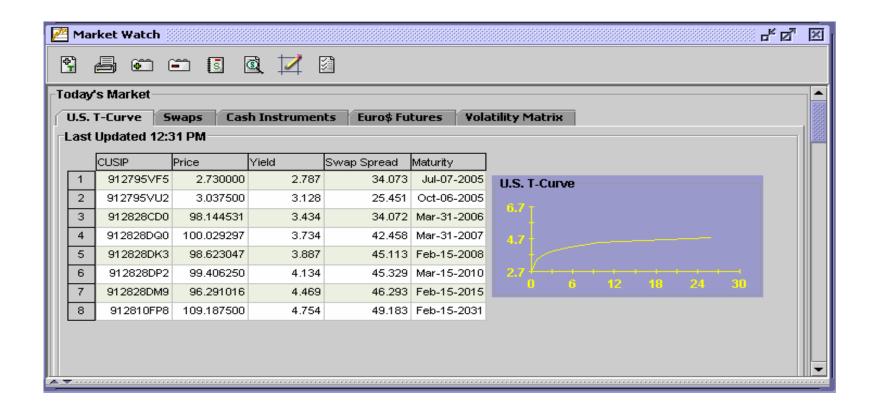


#### Quick Start – Market Watch

- Keep current with Market Watch
  - Yield curve & Indices
  - Benchmark securities



#### Yield Curve & Indices



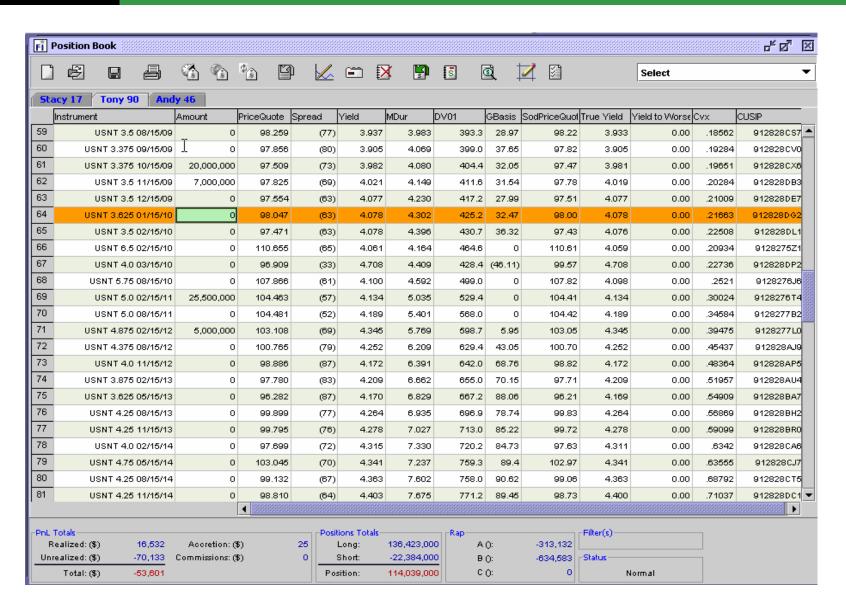


#### Quick Start – Position Book

- Keep current with Market Watch
  - Yield curve & Indices
  - Benchmark securities
- Check out position
  - Run positions for up-to-date risk based on market prices



# Run Up-to-Date Positions





#### Quick Start - Trade Execution

- Keep current with Market watch
  - Yield curve & Indices
  - Benchmark securities
- Check out position
  - Run positions for up-to-date risk based on market prices
- Place a trade

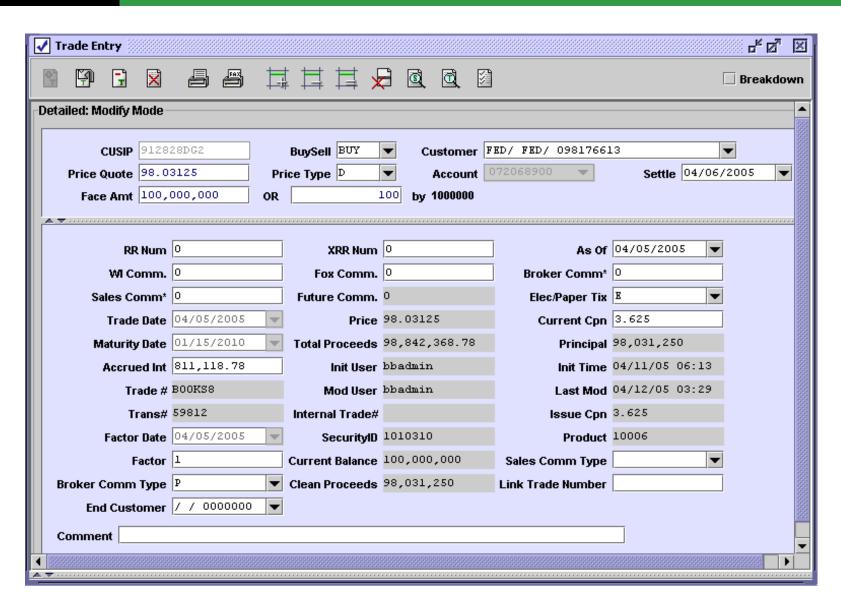
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#### ...continue

- Trade extra security for position or hedgers for risk adjustment
- Add/Modify/Cancel trade from Trade Entry
- Monitor Trade Blotter for intraday transactions records
- Check up-to-date position and realize profit and loss
- Repeat actions for other positions

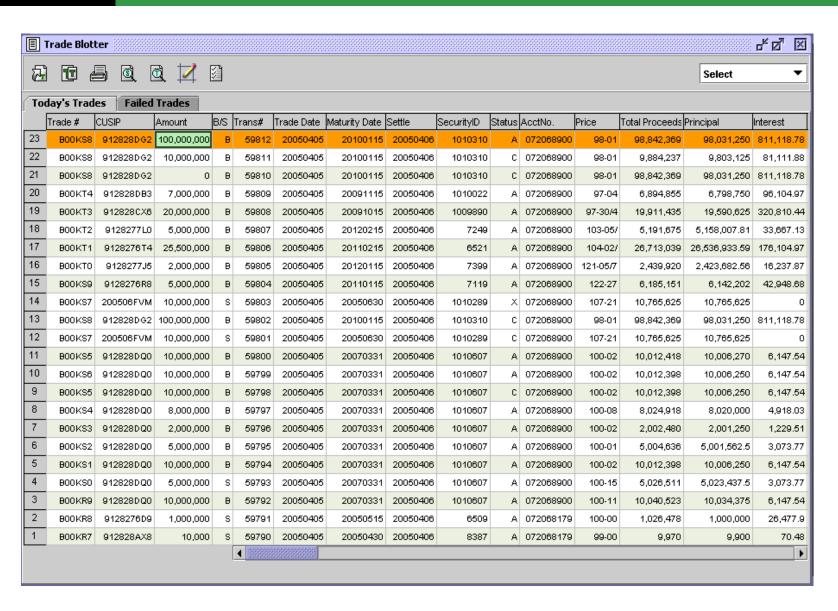


# Add Trade from Trade Entry



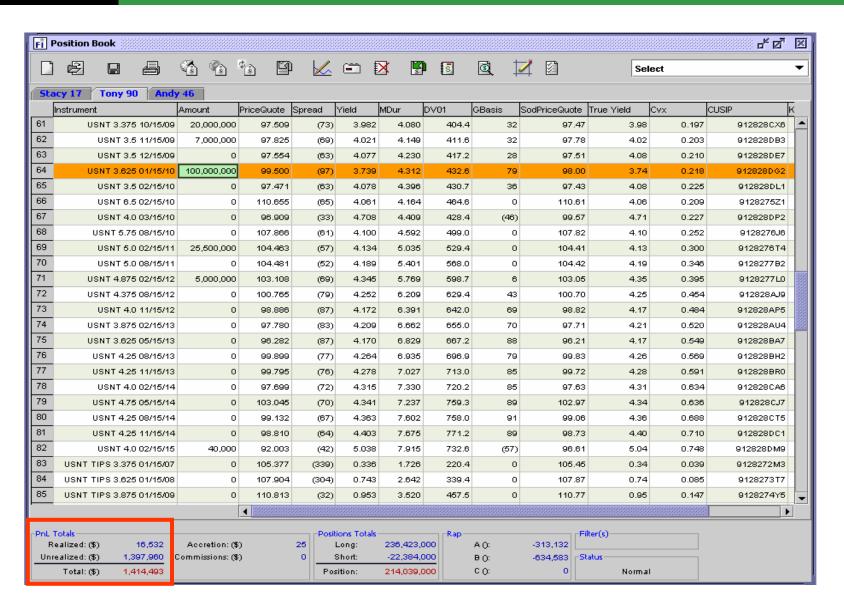


#### Monitor Trades in Trade Blotter





# Check Up-to-Date Position





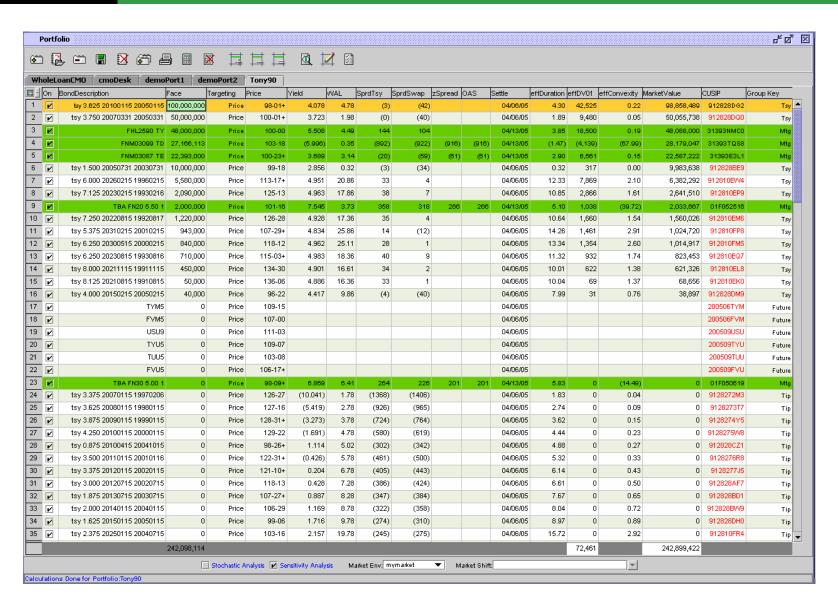
#### What-if Scenario

Define custom scenario in portfolio before actual trade execution.

- Add/Remove securities or change the amount of existing securities
- Setup what-if scenario
- Run portfolio for what-if scenario risk and price performance
- Repeat previous steps to create various combinations



#### Add/Remove Securities



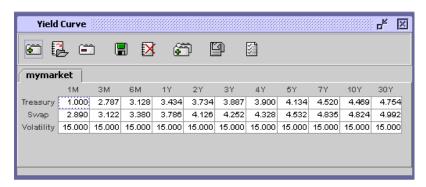


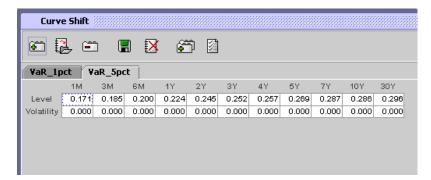
# Setup Scenario

- Yield curve level (absolute)
- Yield curve shift (relative level to yield curve)
- Index level for indexed bond
- Volatility level for stochastic analysis
- Fundamental assumption such as
  - Prepayment model
  - Default model



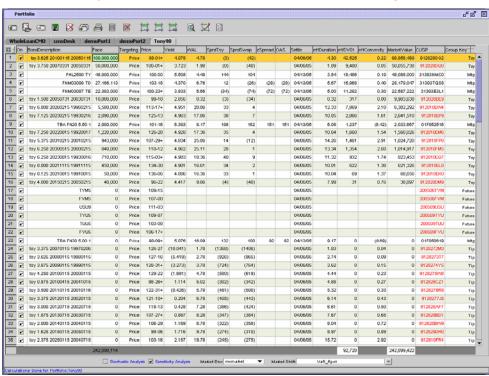
# Setup Scenario





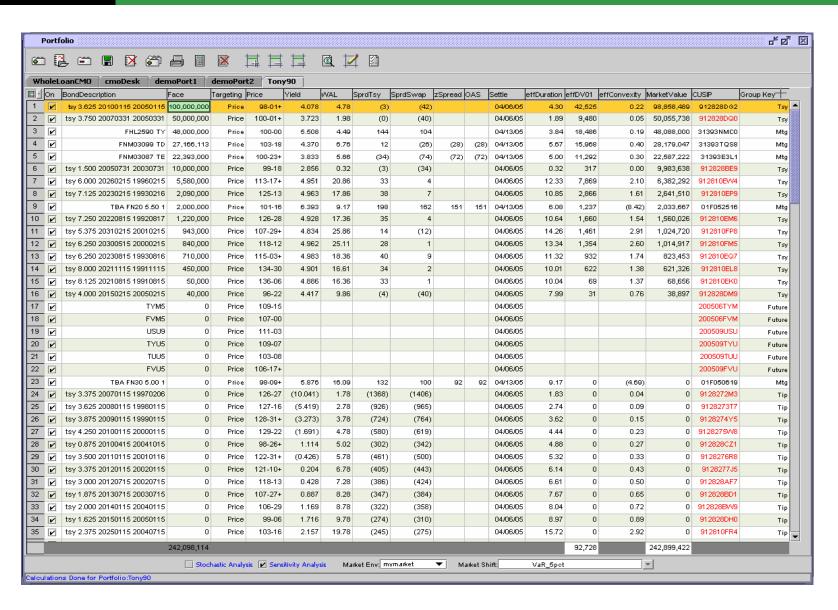








#### Run Portfolio for What-if Scenario



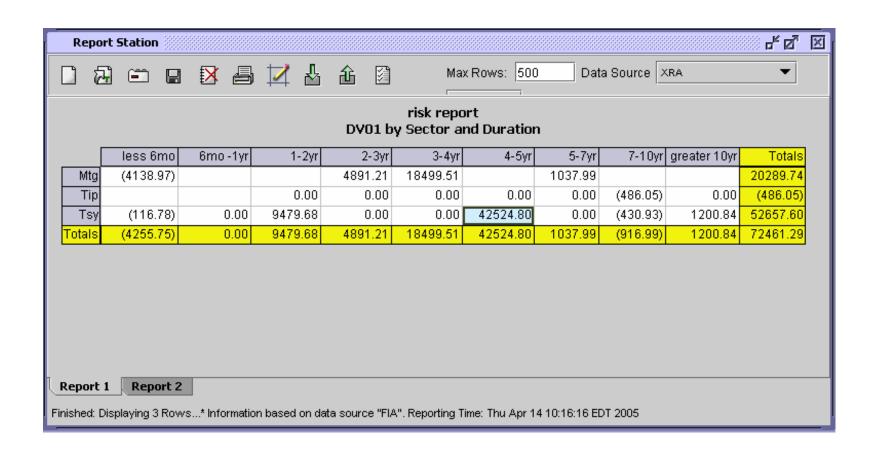


# Summary Review

- Customize your summary report for easier decision making for large portfolio.
- Bucket portfolio in various formats.
- Trace reports at time series performance for actual position book.
- Create total rate of return for actual position book.

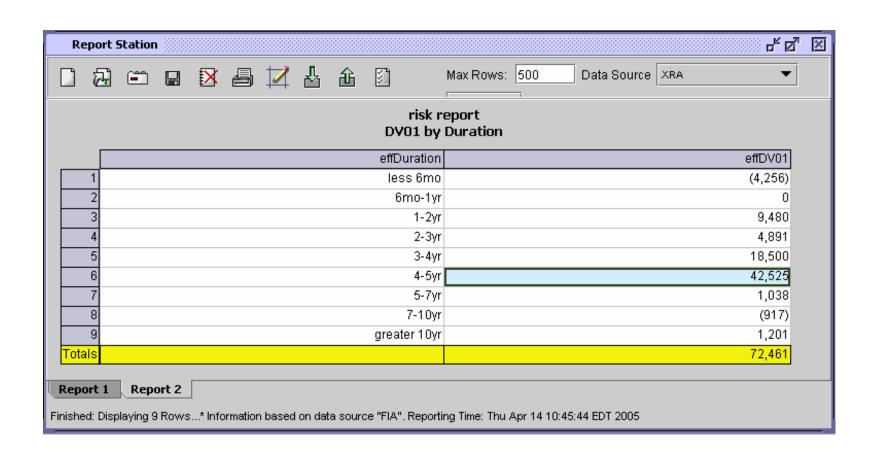


## Bucket Portfolio by Sector & Duration





# Bucket Portfolio by Duration





# Risk Management – VaR

- VaR Your expected loss over a horizon time period at a given confidence interval.
- Run portfolio with our VaR assumptions
  - Horizon time period two weeks
  - Yield curve up/down shift for 5% and 1% significant level in probability
  - Log Normal distribution for interest rate movement.

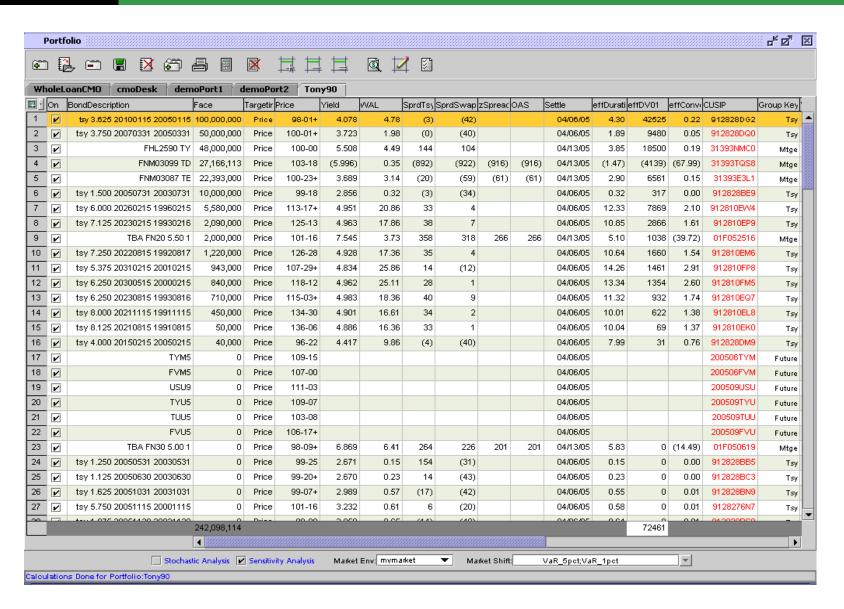
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- Look at our up/down market value columns under VaR scenarios for 1 and 5 % level
- Check out the summary report of up/down market value for various bucket VaR such as by "maturity"

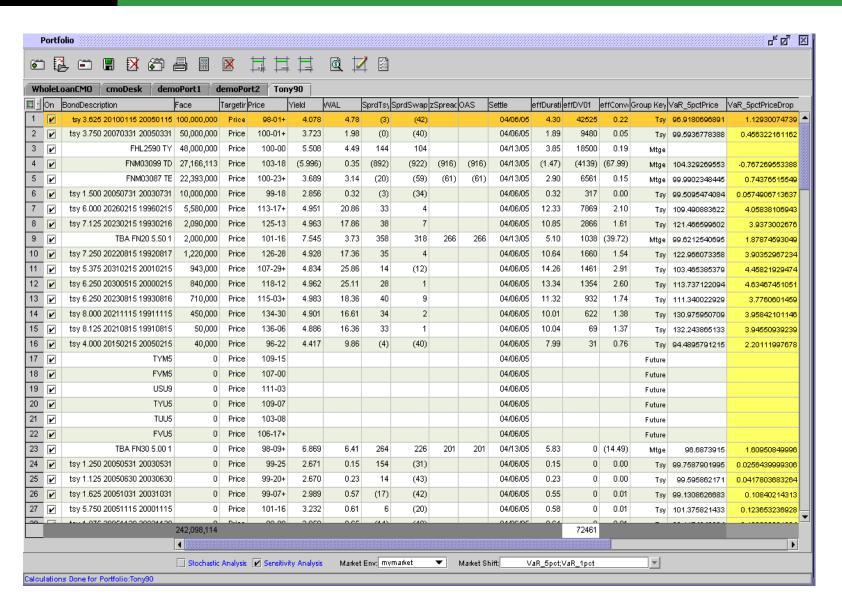


#### Run Portfolio Under VaR



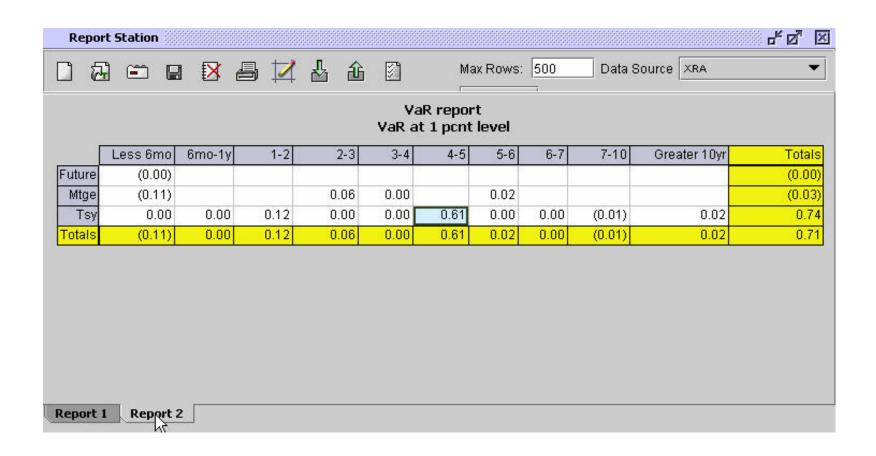


#### Up/Down Market Values under VaR



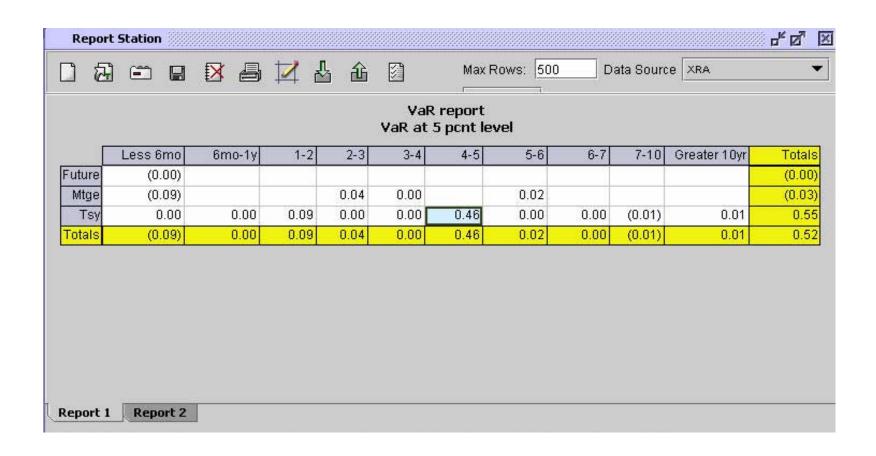


# VaR Summary Report – 1% Level





# VaR Summary Report – 5% Level





# For Additional Information or Live Demo on Bond Access

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