

Enhancements in Morningstar DirectSM Presentation Studio

Mar 10 Release | Ver 3.8

- ▶ New components:
 - ▶ Holdings-based attribution components
 - ▶ Multi-manager attribution comparison (4 components)
 - ▶ Single manager attribution (6 components)
 - ▶ Portfolio holdings table
 - ▶ Correlation matrix
 - ▶ Separate account narratives
 - ▶ Notes and dynamic text
 - ▶ Rich text format text components
 - ▶ Investment Strategy and Manager Biography text
- ▶ Select portrait or landscape page layout
- ▶ New workflow for fact sheet creation
- ▶ Export to PDF, PPT or XPS
- ▶ Enhance portfolio date selection options
- ▶ Select custom colors using RGB codes
- ▶ Improve font sizing in tables
- ▶ Organize saved files and templates into folders
- ▶ Share templates with other Authorize Users

Dec 09 Update

- ▶ New charts added:
 - ▶ Peer group floating bar chart
 - ▶ Time series chart
 - ▶ Rolling returns chart
- ▶ Peer group data (ranks, breakpoints, summary statistics) in data table components
- ▶ Display user-defined portfolios (Aggregates and Position Accounts)
- ▶ Deferred calculations for peer group charts and tables
- ▶ Include both Net and Gross returns for separate account data
- ▶ Use "Send to" option to send workbooks to other Morningstar Direct users
- ▶ Additional header and footer options
- ▶ Unlimited time period columns for bar charts and multiple time period tables
- ▶ Define custom color palette using a configuration file
- ▶ Include user-defined data files in tables

Sep 09 Release | Ver 3.7

- ▶ Introduce Presentation Studio to create reusable templates for entirely customizable presentations, reports, and fact sheets reflecting company branding
- ▶ Easily incorporate charts, data tables, images, and text for selected investments and benchmarks
- ▶ Use pre-defined templates or customize layouts by dragging and dropping components
- ▶ Interactive interface for presentation design allows instantaneous data update of charts and tables
- ▶ Configure page-formatting options including header, footer, page backgrounds, page numbers, fonts, etc.
- ▶ Available Morningstar templates:
 - ▶ Competitor Analysis – Equity Managers
 - ▶ Competitor Analysis – Fixed Income Managers
 - ▶ Competitor Analysis – Separate Account Managers
 - ▶ Equity Manager Fact Sheet
 - ▶ Fixed Income Manager Fact Sheet
 - ▶ Separate Account Manager Fact Sheet

- ▶ Available charts with data tables:
 - ▶ Investment Growth
 - ▶ Risk-Reward
 - ▶ XY Scatterplot
 - ▶ Trailing Returns
 - ▶ Calendar Returns
 - ▶ Holdings-Based Style
 - ▶ Returns-Based Style
- ▶ Launch Presentation Studio from new module found on the left navigation panel
- ▶ *Note:* Platform requirements for best performance are 2 GB of memory and Windows XP operating system and newer. Microsoft Windows Installer 3.0 is required.