

Combined Platform Features

- True enterprise risk management through real-time aggregation.
- “What If” scenario analysis and collaboration enterprise-wide.
- Full data analysis down to the transaction-level, on-premise and in the cloud.
- Real-time updates provide data changes instantly to all users.

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Armanta / Composite Risk Management Solution™

Today's Enterprise

The global financial crisis has exposed the critical need for better enterprise level risk management, dynamic access to all data, and up-to-the-second information in order to quickly react to unexpected market changes.

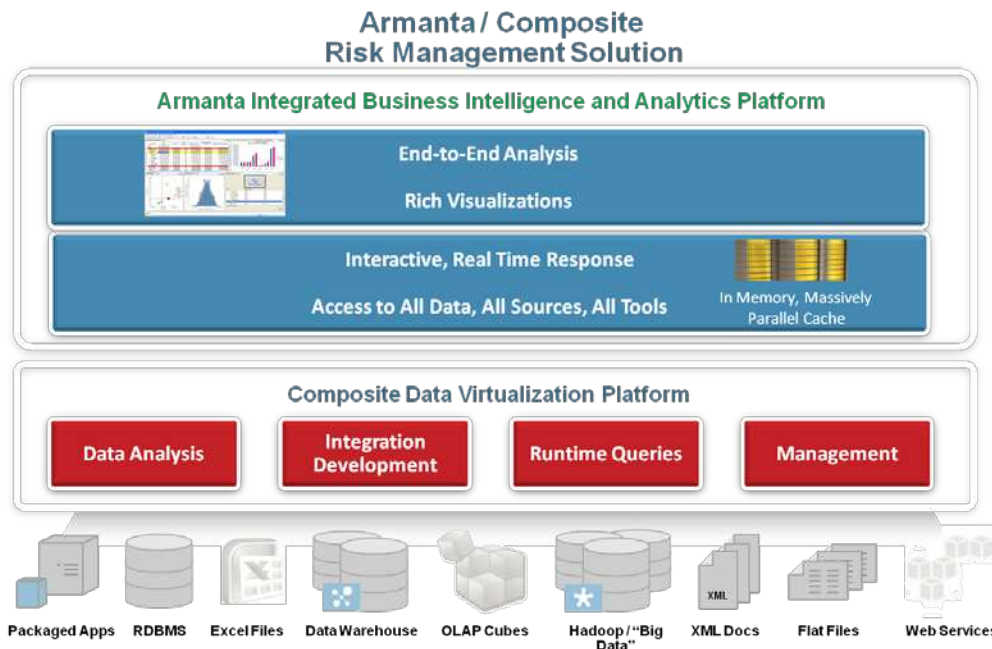
Traditional risk management solutions have not been able to meet the technical and analytical challenges required for true enterprise risk management. They often lack access to all the data in the enterprise and beyond. They bog down in attempting to handle the volumes and complexity of analytical computations and the dynamic data aggregations required to conduct true “what if” scenario analysis.

The Armanta / Composite Risk Management Solution was developed to address these critical challenges and includes the following enhanced feature set.

- **End-to-End Analysis:** The Armanta / Composite Risk Management Solution meets the requirements for proactive analysis by delivering complete data management, complex calculation, scenario analysis, and final results publication capabilities. Risk Managers can now ask an iterative continuum of questions and see results interactively in sub-seconds, not hours, days or weeks. Proactive, scenario analysis and sandbox capabilities let users test their hypotheses in a safe environment without impacting other users. Dynamic, real-time aggregation of quantitative risk measures support multiple “what-if” scenarios or stress-tests. And drill-down and drill through to transaction level provides an added level of confidence.
- **Rich Visualizations:** The combined solution allows Risk Managers to define their own report formats – tables, graphs, etc., within a dashboard, using a flexible drag-and-drop paradigm. Similar to a spreadsheet, once a Risk Manager modifies a value within a visualization, all down-stream calculations are performed and the results are automatically updated and displayed. These modifications may be as simple as editing a single value in a cell, or as complex as analyzing the impact of a new investment or trading strategy.
- **Any Data Source, Anytime:** The solution leverages disparate data “where it lives” providing accurate and consistent risk management and analysis across all asset classes. It incorporates data from multiple internal and external sources including databases, flat files, spreadsheets, data warehouses, and more. By accessing the core source data, users can achieve a complete granular view—a necessity for forward-looking stress and scenario analyses. Dynamic, interactive analyses are enabled through the complex aggregations of high volumes of data “on demand” with real-time response.
- **Integrated Business Intelligence:** The Armanta / Composite Risk Management Solution includes Armanta's Integrated Business Intelligence Platform. This allows Risk Managers to gain an end-to-end view of data and analytics, across the enterprise, on-premise and in the cloud.

Risk Managers can instantly visualize complex analyses, evaluate different “what-if” scenarios, and then act decisively. The Armanta platform is an integrated technology suite comprised of a rich user interface for reporting analytics and visualization, a grid-based massively parallel in-memory engine and integration layer.

- Integrated Data Virtualization:** Included in the Armanta / Composite Risk Management Solution is the Composite Data Virtualization Platform. With increased agility and a lower cost data integration approach, the solution overcomes data complexity and disparate silos and provides Risk Managers with the complete and actionable information they require. The platform supports a complete data virtualization software development lifecycle from design through operations, scaling to support enterprise workloads at ten of the top twenty money center banks and leading asset managers. After hundreds of man years of R&D and millions of hours of operational deployment since 2002, Composite’s platform is the most mature and proven in the market.



About Armanta, Inc.

Enterprises around the world rely on Armanta’s Integrated Business Intelligence Platform to enable their overall end-to-end analytic processes. Analytics-driven organizations can now fully leverage the entire scope of both on-premise and cloud-based data in order to instantly visualize complex analyses, evaluate all scenarios, and then act decisively. Armanta brings live information and analytics of any scale directly to the fingertips of business users so they can See the Big Picture™. **To contact Armanta, please call +1-973-326-9600, visit online at <http://www.armanta.com>, or follow Armanta on twitter <http://twitter.com/armantainc>.**

About Composite Software, Inc.

Composite Software, Inc. is the data virtualization performance leader. Backed by a decade of pioneering R&D, Composite Software is the data virtualization gold standard at 10 of the top 20 banks, six of the top 10 pharmaceutical companies, four of the top five energy firms, major communications providers and the world’s largest IT organization, the US Army. These and hundreds of other global organizations rely on Composite to fulfill their ever-changing information requirements with greater agility and lower costs. **To contact Composite, please call +1-650- 227-8200, visit online at <http://www.compositesw.com>, or follow Composite on twitter <http://twitter.com/compositesw>.**