JDA Platform

JDA Software: Setting New Industry Standards for Performance, Flexibility and Interoperability while Lowering Total Cost of Ownership
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Challenge: IT Platforms Failing to Optimally Support Today's Evolving Business Requirements

Technology has been pivotal in helping companies better manage their mission-critical operations and automate processes. Whether the goal was to accelerate production, growth or decision making, companies have significantly invested in software, hardware, servers and the accompanying infrastructure. As a result, supply chain leaders are faced with increasingly complex IT environments that are too expensive to maintain and nearly impossible to integrate.

With today's competitive pressures requiring more optimized processes, precise actions and intelligent decisions, business leaders are expecting even more from their IT investments — more power, reliability, flexibility and scalability.

From the executive suite to the warehouse floor, no one wants to waste time with systems that are down or requiring manual overrides. There is no room for disconnected decisions, sub-optimized processes or breakdowns in information flow. And there is less tolerance for investments in safety stock or extra staffing to compensate for poor performance.

While the business rules have changed, companies still need game-changing innovations to stay in play.

Solution: Supporting Process Coordination and Optimization With Proven JDA Platform

JDA® Platform is uniquely designed to address today's complex and competitive business landscape. Proven worldwide in hundreds of production deployments, JDA Platform serves as the underlying foundation for JDA's powerful business solutions' master and operational data, security, exception management, workflow, analysis and reporting.

Setting the industry standard for stability, scalability and extensibility, JDA's platform supports advanced process coordination and optimization for improved response and agility.

Whether acquiring locations or launching new channels, you can be confident that JDA Platform will accelerate your business growth. The solution can be linearly scaled by adding incremental computing power — no need for larger and faster monolithic systems. Instead, your requirements can be met by horizontally scaling low-cost standard server hardware. JDA Platform also provides you with a trusted infrastructure with built-in processes and services for enterprise data management, enabling you to integrate and consolidate master data without having to replace existing infrastructure investments. With all that JDA Platform delivers, JDA customers realize the industry's lowest total cost of ownership.
Gain the Performance and Reliability You Need Every Hour, Every Day

Meeting ever-evolving business demands means doing more in less time. Calculating a replenishment plan once per week, for example, is no longer sufficient. Now, calculations must often be made multiple times a day and with data requirements moving from weekly to daily history. The JDA Platform grid computing framework supports these performance requirements and more.

Its low-cost, scalable infrastructure enables JDA solutions to drive your critical processes and deliver unparalleled results time and again. Since the JDA Platform is fully fault-tolerant, your company will always have access to the data and information you need, when you need it, regardless of data center failures. If a server crashes, JDA Platform will identify the failure, take corrective actions and reassign just that subset of the process to another server. With no requirement to restart the entire job, your professionals can count on having the daily data and information they need to stay on track.

Comprehensive Business Process Reach With SOA and Integrated Visual Environment

JDA Platform also provides a service-oriented architecture (SOA) and integrated visual environment with JDA Studio for managing data models, business logic, workflows and user interaction. Built on the Web services paradigm, this platform coexists naturally and complements other enterprise platforms, enabling you to leverage your existing technology investments.

• Creating a technical platform of common standards, tools, practices and components is not a new idea, but until now, the scope of such a platform only incorporated data management and integration. The evolution and maturity of supply chain management solutions and related business requirements have dramatically expanded this scope. The JDA Platform performs not just data or process integration but the actual hosting and running of overall business processes, including external application integration.

• A robust engine and visual design enable business workflow assembly, facilitating workflow design, modeling, execution and debugging from a single environment. By constructing a library of business workflows on top of the JDA Platform, JDA solutions take components and libraries from the technical level to the business-process level.

• As one of the most advanced features of the Platform, JDA Studio provides an integrated development environment for modeling, testing, deployment and maintenance, allowing for top-down business process design as well as for bottom-up development and deployment of specific components, such as user interface (UI) screens and business rules. Studio offers a single interface for JDA solutions and facilitates knowledge management across all systems.

“With the JDA solution, we can position the right inventory in the right locations to drive sales, maximize inventory investment, and optimize service for our customers – which is what is most important to us.”

Linda Rooney
Vice President of Planning and Allocation, Brooks Brothers
Supports Every Users’ Unique Navigational and Information Requirements

JDA Platform enables you to support the individuality of your business and your employees. You can configure the applications’ UIs to display just the information that makes sense to your business and each user. With JDA Platform, you can also present the information the way that your users want to view and use it without IT programming. Plus, JDA Platform adapts to your requirements so you won’t have to change your daily business terms.

JDA Platform also accommodates each user’s unique role with navigation options. The solution supports both a highly prescriptive path through a JDA application, as well as a dynamic ability to navigate to any related information given the data that is currently displayed. When you need to quickly navigate within and across business process applications, JDA Platform helps you by knowing where you are and guiding you to the other capabilities.

Maximize Your IT Skills and Resources

Today’s complex IT environments feature a broad range of applications – some designed in-house, some highly customized and others that are relatively new packages. The trick is getting all recruit-and-retain IT experts capable of mastering proprietary coding languages.

JDA designed JDA Platform to support open standards in line with your team’s current IT skills. Sharing data and processes across JDA solutions and other third-party applications is much easier with its integration tools leveraging the power of JDA’s extensible data-driven architecture. You can also more efficiently communicate, share information and determine actions with your business partners.
Key Benefits

JDA Software helps the world’s leading manufacturers, wholesaler-distributors and retailers achieve tangible benefits through optimized performance and lower operating costs. JDA Platform delivers:

**Reduced Total Cost of Ownership**

- Decreased cost infrastructure investment through horizontal or vertical scalability based on JDA Grid computing architecture
- Simplified deployment and implementation of JDA’s advanced solutions
- Reduced day-to-day operational, administration, maintenance and IT costs through the use of open standards and easy-to-use service-oriented architecture (SOA)
- Ability to leverage gains from a composite application framework using a visual design studio
- Leading-edge technology innovation
- Unrivaled scalability and performance proven through benchmark testing and real-world implementations in the world’s largest retailers, wholesaler-distributors and manufacturers
- More than 10-year investment in J2EE-based architecture
- Support for multi-terabyte database volumes
- Industry-leading grid computing framework, enabling parallel processing in any hardware configuration
- Entirely software fault-tolerant solution ensuring systematic recovery from technology breakdowns such as network connectivity or hardware failures
- Ability to integrate, consolidate and manage data without having to replace existing infrastructure investments
- Leverage metadata configuration instead of coding to extend the business process while still enabling seamless upgrades

“JDA’s products provided clear financial and operating results while improving our capability and capacity. It has enabled us to take on the future. If you’re not enabled, you start missing opportunities by hurting customer service levels on one end and product obsolescence on the other.”

*Brett Frankenberg*

Director of Supply Chain Planning,
Coca-Cola Bottling Company Consolidated
Empowered User Experience
• User persona-based development that designs not just security but user interfaces and workflow specifically focused on the users’ day-in-the-life activities, facilitating user efficiency and rapid user onboarding to increase productivity and minimize the effects of high turnover
• Common interface so a user of one application can understand and quickly move to another application since they share the same look and feel
• Prescriptive and optimized for common and repetitive tasks
• Intelligent design that allows the system to make decisions and only raise issues that require user intervention, freeing users up for more important activities

In-Memory Computing
• Hybrid in-memory computing environment for scaling to large-scale retail and manufacturing needs
• Optimizes the need for rapid user experience while balancing hardware costs
• Only uses the memory when needed but then is persisted for as long as the user needs the data set
• Unlike typical business intelligence offerings, JDA Platform is built for not just reading and aggregating data but also for disaggregating and writing back to a persistent database store

Mobility
• Mobile approach provides the correct user experience on the correct devices — this may be planning on tablets or grid information on a smart phone
• Flexibility to depict the same UI rendered on the mobile device or can render a targeted UI for a specific user, such as a transportation carrier driver or a store manager
• Ability to leverage native iOS, Windows or Android technology, or standard HTML5
Data Management/JDA Studio

• Simplifies the data quality and integration management process for reduced implementation costs with tools that can be extended to meet the unique needs of every customer

• The JDA Platform Studio expands beyond a basic technological and integration focus to offer the full benefits of a platform, including hosting and running of overall business processes and integration with external applications

• A powerful engine and visual design provides for the assembly of business workflows, allowing the design, modeling, execution and debugging of workflows from a single environment

Best-Practice Business Processes

• Orchestrate business process and user workflows with visual design studio

• Leveraging SOA for integration and infrastructure components ensures flexibility for future changes and makes new environments quicker to deploy and less expensive to develop and support

• Leverage business to data abstractions to facilitate communication using company-specific terminology

• Accelerate business growth by enabling JDA application solution expansion to support other business units or geographies

• Increase high-value activity efficiency and productivity

• Improved view of key metrics such as financial and operating results

• Enables faster and more informed decision making

“In today’s highly competitive marketplace, it is imperative to rapidly respond to market changes and proactively meet fluctuations within the demand and supply chain. JDA solutions will allow us to optimize business processes in all of our divisions including merchandise planning, demand planning and through the replenishment process. By tightly integrating these core business processes, it will allow us to collaborate internally, ensuring that we meet our customers’ needs and thrive in our industry. The advanced functionality within JDA solutions will take us to the next level.”

Randy Burdick
Executive Vice President & Chief Information Officer, OfficeMax
“Our partnership with JDA has worked very well for us, in part because JDA is extremely focused on the customer. Their solutions and technology are best in class – but more importantly, JDA brings the best expertise in the business.”

Ajit Sivadasan,
Vice President,
Lenovo Corporation

About JDA Software Group, Inc.
At JDA, we’re fearless leaders. We’re the leading provider of end-to-end, integrated retail and supply chain planning and execution solutions for more than 4,000 customers worldwide. Our unique solutions empower our clients to achieve more by optimizing costs, increasing revenue and reducing time to value so they can always deliver on their customer promises.

Using JDA, you can plan to deliver.
jda.com

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