



DATA IN MOTION

KEEP INFORMATION FLOWING FREELY AND SAFELY
BETWEEN YOUR BUSINESS SYSTEMS.

Complex business challenges arise with the acquisition of new systems, distinct customers and growing infrastructure needs.

The integration mavens at Concord ensure alignment of business processes and the systems that support them to keep your data perfectly in motion.

Got a particularly messy issue? We say bring it on.



Who Is Concord?

Concord is a consulting firm driving business value through the use of technology.

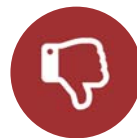
Our expertise is centered on data. Our execution is backed by our proven process of ALIGN, DEFINE, DELIVER.

We focus on the following capabilities: **Data Experience, Data in Motion, Data at Rest, Data Analytics and Data Privacy & Protection.**

Our Data in Motion Services include:

- > ESB, SOA & Micro-Services
- > ETL & ETL Workflows
- > Stream Processing & Rules Engines
- > BPM
- > B2B & EDI
- > Cloud Integration & PaaS
- > Internet of Things

Fueled by a need for greater data availability, accuracy and timeliness, companies are being challenged by more complex business decisions.



Common Data in Motion Pain Points

- > Rapidly growing data sources
- > Exploding volumes of data
- > Unresponsive legacy systems lack the flexibility common with system architectures



How Concord Can Help

- > **Migrating & upgrading legacy systems:** providing new features, evolving existing data integration platforms to open source or new entrant alternative ESBs, data flexibility for decision makers and integrating into production workflows
- > **Fixing existing workflows and data integration patchwork:** solving performance challenges, performing data validations and integrating new data formats, systems and clients
- > **Architectural recommendations and actionable technology roadmaps:** bring forward looking views on where the future of integration technologies are heading and key trends to consider for service and system roadmaps

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If You Want Something Done Right, You Have to Partner With the Right People.

We believe if we couple our top notch services with best-in-class-tools from key players in the industry, it will be a win-win for YOU.



Implementation Success...It's Our Thing

Here are some case studies to highlight our expertise.

Built-In Convenience

> **Industry:** Manufacturing

> **Project Overview:** Our client manufactures custom electronic components sold primarily online. They were in desperate need of a system that would enable customers to order and reorder their products, while being easily usable by a wide range of internal users and remaining compliant with safety, electronic, and physical restraints.

The existing solution was cumbersome, out-of-date, and required a high-level of user understanding to design a functioning component. Ultimately, it needed to go.

> **Results:** Concord facilitated joint requirement elicitation sessions to design and develop a web application from scratch which integrated seamlessly with their existing systems. The new application simplified the user experience with built-in equations that dynamically adjust as the user enters parameters, presenting them with maximum and minimum values available.

Perhaps more importantly, the Concord team developed a system that simplifies reordering, as well as make small adjustments to the previous orders to help users refine their prototypes. Our client experienced doubled reorder volume thanks to the streamlined process.

Digital Wallet Dilemma

> **Industry:** Retail

> **Project Overview:** Apple Pay and iOS Apple Wallet enable secure and confidential purchase transactions for consumers. This is great for the user, but not ideal for businesses trying to cultivate and reward loyalty in their customers. Apple included the ability to couple loyalty cards with Apple Pay devices, providing the best of both worlds - less friction in purchasing transactions, plus the ability to create a "known customer" experience.

Concord worked to build out new server capacity and infrastructure across two data centers to support the new services required for loyalty card life-cycle management. Concord ultimately delivered Spring/Java RESTful services that comply with the Apple-published interface specification for maintaining Apple Wallet items, including the creation of signed and compressed PKPASS bundle that represents the customer's loyalty card within the iOS Apple Wallet.

> **Results:** Our retail client is now able to reward customers for loyalty, regardless of payment type. Concord delivered an on-time rollout of customer-facing functionality, built the foundation for future development of Apple Wallet cards, and infrastructure for expansion into other platforms, such as Google Wallet. Concord also delivered a batch interface for pushing out updates to segments of Loyalty Card holders through push notifications.