Evolution to Digital Business Architecture*  

Your priorities drive the technology decisions you make today. Make sure those decisions support your vision for the future.

The essence of a digital business... requires an architecture enabling

Technology Trends and a Partner to Help

What’s new in digital business: vision versus what you see in the marketplace, partnering with IBM to be the first, fastest, and simplest path. Behind us more than 20 years of integration leadership, 1,000+ patent portfolio, and countless digital transformations for some of the world’s strongest brands. Looking ahead is the only way to have the innovations (some listed below), including open source solutions, in-house expertise, and expertise needed, and the desire and will to achieve your success.

Mainstream

More companies are moving to digital. For many, it’s either a digital make or break. Make it or break it. For a few, it’s a digital make or break deployment where a core IBM model isn’t necessarily the way to go. Complementing Disruptive E25s with Modern Technologies

May be organizations that need significant investments in E25 functionality, but may require modernization to fit their existing approach. Digital business and modernity are two different things with existing functionality with new capabilities, a new approach, and a new way to go.

Today’s Focus

API platforms and cloud integration services provide agility and fast results. Change is coming fast. API is a great path to modern technologies.

API Platforms

Sensitive change, reacting, finding, using, evaluating, and governing APIs. And APIs can be a real problem for organizations to use in concert to enable building business applications.

Cloud-based Integration / PaaS

Reduce the learning curve and cumbersome integration process with a well-packaged environment. Versatile cloud integration functionality can be combined with any combination of cloud and on-premises environments, services, applications, and tools.

Modern Application Development and Integration Technologies

Modern technologies may not be on your priority list today, but they should be. They have the potential to transform how for all organizations addressing application development and integration tools. One or more of these should be considered for:

- DevOps and DevOps tools and environments
- Operationalization of big data
- Multichannel customer service

Containerization

Accelerate and simplify application development and deployment flexibility between different types of infrastructure. Improve resource utilization efficiency, and more.

Streaming Data Platforms

Scales to easily distribute real-time data and events from various sources to multiple locations

Event-driven APIs

Improve the responsiveness and flexibility of modern enterprise services and integration architectures with real-time, scalable, non-linear event-driven REST-based communication using lightweight microservices that can be deployed alongside microservices environments.

SD Edge and IOT

Reduced latency in data processing, aggregation, and normalization, and reduces local decision making. Real-time IOT data can be processed on the edge as well as edge device data becomes cornerstone data ecosystem architecture, and improves response time.

Microservice Architecture

Accelerate development. Sythesize and deploy with ease and at the speed of data and deployment options that allow for both the data to be made visible in an end-to-end understanding platform and system infrastructure.

Digital Twin

Automate decisions at the speed of digital transformation. Digital twin data, or near real-time data that makes decisions in the given context to determine the next move so that the system architecture makes the right decisions.

*  IBM’s Integrated Coping (Integrative Solution) and Research and Development (R&D) are driving the evolution of digital business architecture. IBM is evolving its current architecture to support a variety of integration today. Core solutions, such as the highly adaptable and highly competitive order of business, support key industry verticals, and also offer a variety of options, such as the integration of data and information management, to meet the unique needs of each industry.