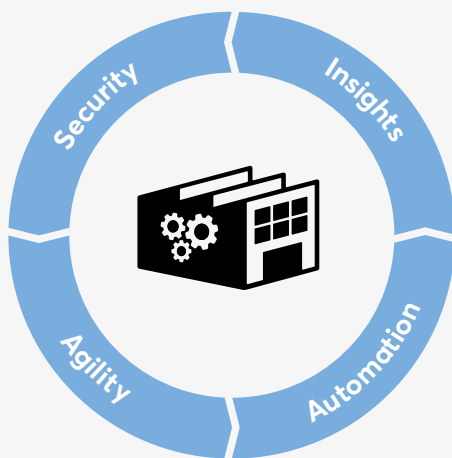


Modernize Application Architectures

Create an agile business

KEY FEATURES

- **Quickly leverage new technologies** such as microservices and containers.
- **Protect data** with common software development kits (SDKs) and authentication for building uniform security for APIs.
- **Quickly create APIs** from multiple data sources while maintaining security.
- **Speed mobile development** with developer friendly SDKs and tools.
- **Improve scalability** to support business growth and increased API usage.



Business Challenge

For many organizations, the existing architecture and systems that support customer- or employee-facing apps are outdated and cannot be scaled or built upon as quickly as required by today's realities—especially when it comes to supporting the demands of mobile and the Internet of Things (IoT).

Companies may want to develop new apps, create new customer experiences or expose data to partners or third-party developers, but tremendous improvements to infrastructure, process, management, connectivity and security are needed to support that plan. This problem is exacerbated when working with partners that use different protocols and databases, making it difficult to connect efficiently.

Solution Overview

A new digital transformation layer is needed to help benefit from investments in mobile and IoT, integrate new acquisitions or optimize the partner supply chain. The foundation of this layer is a robust application program interface (API) program that can connect legacy systems to new customer-facing services, support new technologies such as microservices and containers, and open systems to optimize the flow of data between internal silos and external partners.

This API-based digital transformation layer can efficiently connect existing legacy IT investments to new digital initiatives or partners, or form the basis of a complete rebuild of the architecture. The key in both cases is to have a well-managed lifecycle in place to guide how to build, manage, scale and secure APIs.

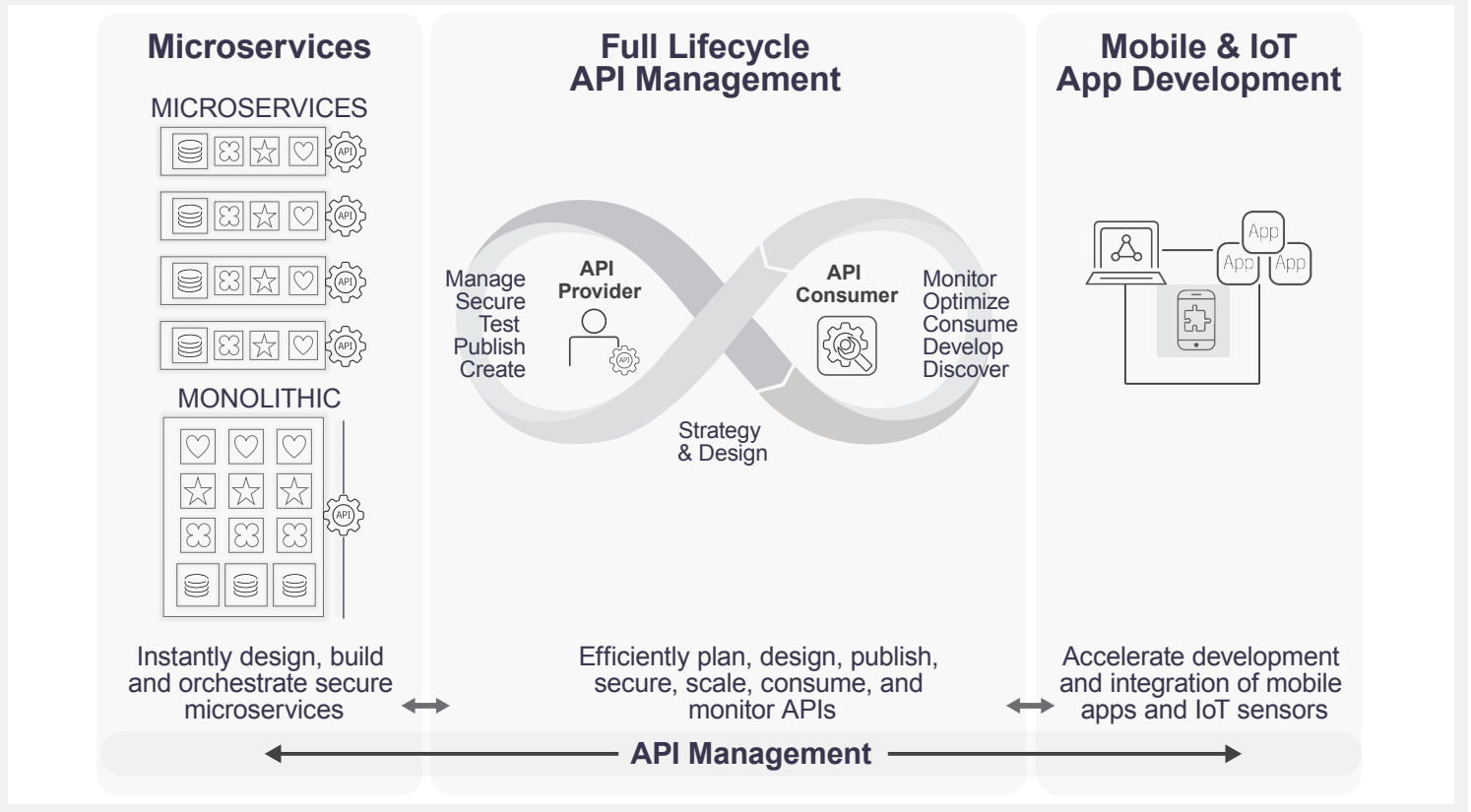
Key Benefits

Create a flexible foundation to build apps and services. A robust API program allows organizations to connect legacy systems and with new modern services, such as microservices and containers.

Support mobile and IoT development. Accelerate the development of new apps with mobile SDKs and APIs that improve developer productivity by providing common app features and consistent security.

Build a strong developer ecosystem. Improve onboarding and collaboration with a portal that enhances API discovery, code generation, documentation and analytics.

With full lifecycle API management, you can efficiently plan, design, publish, secure, scale, consume, and monitor APIs and microservices. Instantly design, build and orchestrate secure APIs and to accelerate development and integration of mobile apps and IoT devices.



Products

CA Live API Creator lets you almost instantly create and deploy APIs, microservices and application backends for internal applications, mobile development projects, data-as-a-service exposure, IoT enablement and integration with partner applications.

CA Mobile API Gateway provides transformation and orchestration capabilities for APIs, legacy services and microservices, while adding the necessary security to protect the data being exposed from your backend systems.

CA API Developer Portal helps you create a robust developer ecosystem and streamline the consumption of APIs and microservices, with features to improve API discovery, onboarding and collaboration.

CA Mobile App Services offers common backend services that can be used across multiple mobile/IoT apps to enable an enterprise to develop, deploy and manage multiple apps rapidly.

For more information, please visit ca.com/software-factory

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