

POINT-TO-POINT (P2P) INTEGRATIONS CAN NO LONGER KEEP PACE WITH MODERN APPLICATION INTEGRATION NEEDS



- P2P integration is time-consuming, complicated and costly
- Cannot cope with increasing demand on diversified ways of provisioning data
- Limited SaaS integration



- Simplified and rapid development
- Faster time to market for apps & services
- Multi-platform support
- High scalability & security

Challenges:

When a company infrastructure only has a few components, P2P integration can seem like a lightweight way to connect everything together. Unfortunately, as the company grows, their integrations won't stay lightweight for long. Many organisations have learned the hard way, an infrastructure based on P2P integration quickly becomes unmanageable, brittle and damaging to both the IT budget and the organisation's ability to meet current and changing business needs.

Digital business transformations increasingly demand expedient and diversified ways of provisioning data that combine endpoints on-premises and in the cloud. Tools and technologies of the past are no longer sufficient to address the demands of modern business. The increasing complexity of data and growing demand for Software as a Service (SaaS) integrations requires organisations to deploy more flexible and dynamic solutions.

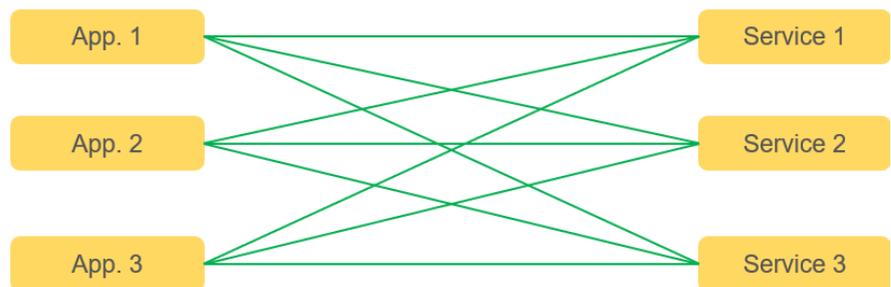


Figure 1: API Integration with Apigee Edge

Solution:

There are various ways to tackle these problems, however, the most effective one would be to build and deploy API Integration services in a faster, standardised and simplified pattern—resulting in a better developer experience, faster time to market for apps and services, and eliminating

Point-to-Point integration overhead. API integration ensures that applications which are connected, represent the most up-to-date data while providing data integrity across a technology stack without having to worry about versioning.

Google Apigee is an API Management software cross-cloud solution to master the full API lifecycle. Beyond the core features of an API gateway and developer portal, the Apigee platform delivers metrics, API design and modelling, monitoring and advanced security and monetisation capabilities. Apigee Edge is one of the most popular API Management Solutions that support the complete API development management life cycle.

How Google Apigee Edge can help?

Apigee Edge is a platform that allows development and management of APIs throughout the full lifecycle—from development and publishing, to maintenance and versioning of APIs. The Edge platform offers services in three layers:

- API services for creating, publishing and securely managing your portfolio of API proxies.
- Developer services to provide access and tools to consume APIs, critical for developers to build and test applications.
- Analytics services to understand patterns of API usage and gain visibility of details into the health and performance of your program.

Using Apigee Edge, API developers can easily and quickly build RESTful APIs that can be consumed by other app developers. These APIs are exposed on Edge by building API proxies that act as managed 'facades' for backend services. API proxies decouple the app-facing API from your backend services, shielding those apps from backend code changes thus backend changes to your services can continue while apps continue to call the same API without any interruption.

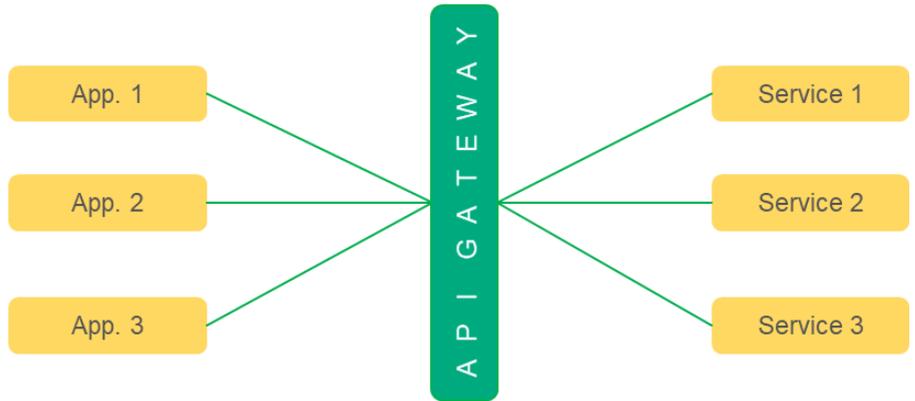
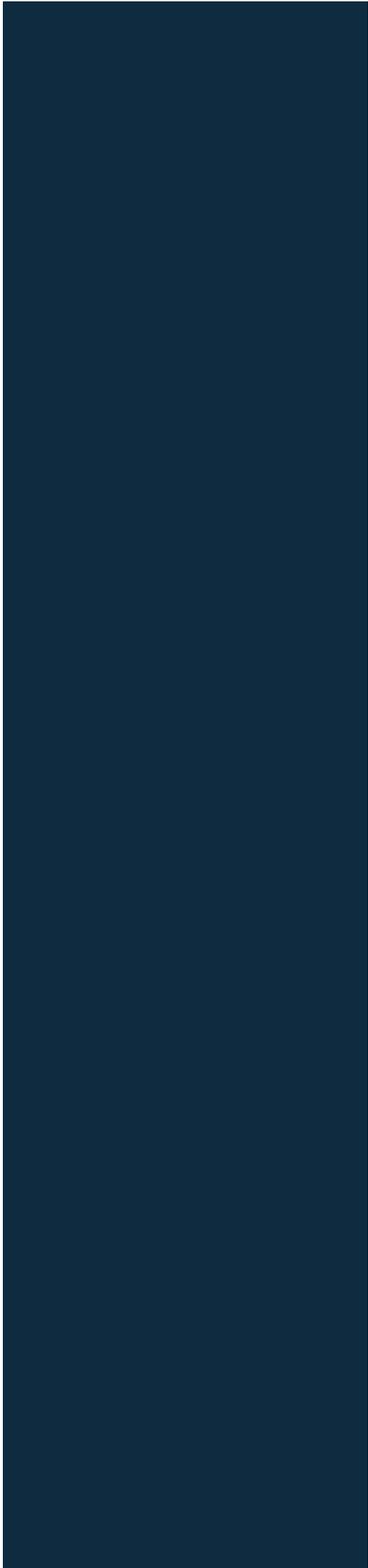


Figure 2 API GATEWAY with Google Apigee Edge