Integrate, Automate and Innovate on Platform Equinix

Accelerate your digital transformation.

Grow Your Business

In today's fast-moving world, time to market is important. By integrating Platform Equinix® into your digital infrastructure management systems via APIs, you can extend your users into new locations, create new network connections and exchange data with ecosystems through integrated and automated system-to-system calls with Platform Equinix—and more.

This empowers faster time to market to grow new business areas, add customers and test new markets.

Challenges Addressed

Data exchange integration and automation through Equinix systems leads to reduction in manual error and processing times, as well as faster order throughput, time to delivery and trouble ticket response times.

Partners can improve their operational efficiency by automating the entire process—from quoting to ordering to billing end customers—through their own systems.

Equinix APIs Overview

Digital Infrastructure Provisioning Services

- Provision interconnection services: cross connects, Equinix Fabric ports and virtual connections

- Provision edge services: Equinix Metal™ and Network Edge virtual network devices

- SmartKey® services: cryptographic and key management operations

Digital Infrastructure Monitoring, Analytics & Reporting

- Infrastructure monitoring and power-draw data retrieval to improve incident prediction and response times

- Artificial intelligence and machine learning data to build connected datasets

- Data Center Infrastructure Management (DCIM) monitoring for environmental measures such as temperature and humidity

The Role of Equinix APIs

Access New Revenue Streams
Empower partners to enable value-added services with APIs and the Mobile Software Development Kit.

Connect Faster
Simplify and streamline multicloud access over Equinix Fabric™ to provision virtual connection in minutes via APIs.

Operational efficiency gains
Enable customers to seamlessly leverage digital channels to automate workflow processes.

Increased Innovation
Foster innovation and collaboration with the developer community.

Experience Equinix APIs

- Available as a Terraform provider.

- All API catalogs are Open API Specification 2.0 compliant.

- Playground shows how Equinix APIs work using mock data. Available to current and prospective customers.

- Sandbox allows customers to simulate Platform Equinix and test solutions prior to production.

Business Process Automation

■ Manage services like trouble tickets, Smart Hands®, work visits and shipments

■ Customer and user administration

■ Real-time notifications for order status and scheduled maintenance

■ Consolidated inventory and asset information for internal configuration

Equinix APIs At Work

Telstra

Telstra leverages Equinix Fabric for its Telstra Programmable Network to connect workloads directly and securely to multiple clouds.

Together, our two companies help customers around the world simplify cloud connection by fully automating the experience through API integration, reducing the time to establish on-demand, secure private connectivity to just minutes.

Verizon

Equinix and Verizon provide businesses with fast, reliable connectivity between their on-premises infrastructures and Equinix International Business Exchange™ (IBX®) data centers by leveraging APIs to enable quick and seamless interconnection provisioning.

The Verizon Software Defined Interconnect (SDI) leverages an API between the Verizon network and Equinix Fabric, providing private IP network direct connectivity to IBX data centers around the globe within minutes. This eliminates the need for dedicated physical connectivity.

Ready to get started?

Learn more about Equinix APIs at "APIs: The Foundation for Innovation" by Equinix Director of Engineering Ramchandra Koty.

Access the playground, forums, API catalog, documentation and more at Developer.Equinix.com.

And let us show you how we can help—tell us about your projects and challenges at Developer.Equinix.com/Contact-Us.

How to Speed Up Integration

Along with RESTful APIs, Equinix provides custom and industry-specific templates to help simplify and speed up the entire integration process. For example, the Equinix Messaging Gateway (EMG) enables a message- and event-based digital channel built on top of the Equinix API ecosystem.

EMG allows customers to integrate their systems with Equinix products and services in real time, without needing to build any partner- or vendor-specific adapters. This reduces cost investment per vendor per interface.

The EMG API interface is simplified and standardized to meet the needs of global customers, abstracting Equinix internal business processes by leveraging API composition or API chaining.

About Equinix

Equinix is the world's digital infrastructure company™. Digital leaders harness our trusted platform to bring together and interconnect the foundational infrastructure that powers their success.

Equinix.com

Power Your Digital Leadership at Equinix

On Platform Equinix®, digital leaders bring together all the right places, partners and possibilities to create the foundational infrastructure they need to succeed. On a single global platform, place infrastructure wherever you need it. Connect to everything you need to succeed. Seize opportunity with agility, speed and confidence.