EQUINIX | **F⬛RTINET®**

Security-Driven Networking Solutions for the Edge

An Integrated Security Architecture that Enables Digital Innovation

Equinix and Fortinet provide WAN edge transformation with security-driven networking

Virtual, software-defined networks are becoming increasingly important to enterprise digital transformation objectives. Modernized networks enable granular control, allowing segmentation to differentiate among security settings based on sources of network traffic and the sensitivity of the information being accessed. Together, Fortinet and Equinix offer end-to-end network management and security capabilities, along with fast provisioning, deployment and optimized network resources, to ensure business continuity and maximum application performance.

FORTINET

Equinix Cloud Exchange Fabric®

Equinix Network Edge

Secure Virtual Networking Solutions

Businesses are looking for more agile methods to deploy and manage corporate network infrastructure. By leveraging network functions virtualization (NFV) and software-defined networking (SDN), businesses can improve application performance, reach new markets, enhance security and optimize network traffic without the delays and expense of procuring and installing network hardware. Fortinet and Equinix now offer joint solutions for remote access VPN, secure SD-WAN deployments and private access to cloud on-ramps.

Integrated Security
Secure SD-WAN delivers advanced security features including malware detection, URL filtering and a next-generation firewall (NGFW) within a single appliance.

Optimize
Cloud connectivity enables aggregation hubs at the edge, enabling faster connectivity to multicloud environments.

Enhance Performance
Deliver consistent applications in multicloud environments across SaaS and IaaS.

Minimize Complexity
Consolidate point products, achieving comprehensive threat protection and maximum ROI.

Reduce TCO
FortiGate delivers the industry's lowest total cost of ownership (TCO) and results in more efficient utilization of IT assets.

BENEFITS OF THE EQUINIX | FORTINET SOLUTION

Optimize Application Experience with Network Transformation

Cloud-based business applications hog bandwidth, and even more latency occurs when applications are backhauled through legacy WANs. Fortinet Secure SD-WAN deployed on Equinix Network Edge ensures that organizations can access all critical applications in the cloud while preserving network performance and user experience.

BENEFITS OF THE EQUINIX | FORTINET SOLUTION

Multicloud Security and High-Performance Threat Protection

More than 90% of enterprise businesses are adopting a multicloud strategy. Deploying a FortiGate-VM on Equinix Network Edge offers consistent security across public and private clouds, and protects data using high-speed VPN connections. FortiGate-VM has the same advanced features as the FortiGate next-generation firewall (NGFW), enabling and enforcing security policies across all environments and providing single-pane-of-glass management.

BENEFITS OF THE EQUINIX | FORTINET SOLUTION

Accelerate Teleworker with High-Performance VPNs

Increased remote work is a new normal, and business continuity and continuous service delivery require networks to scale to meet new workload demands in the same seamless way cloud services do. Fortunately, this is the hallmark strength of virtual networking. At Equinix, businesses can virtually deploy Fortinet Secure SD-WAN devices in minutes to increase bandwidth capacity and add routes to accommodate ever-changing network demands, including for the advanced needs of super-user remote workers.
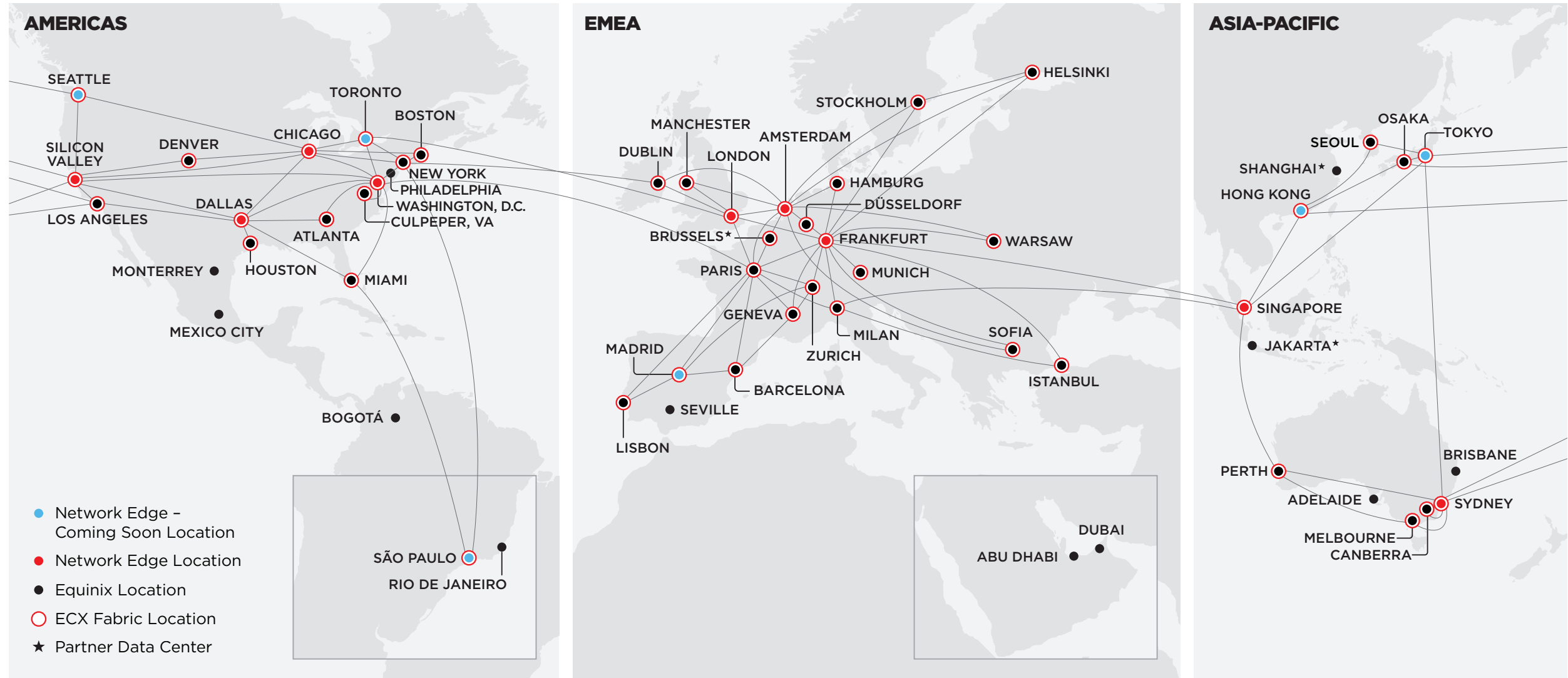
BENEFITS OF THE EQUINIX | FORTINET SOLUTION

Seamless Cloud Connectivity with Secure Cloud On-Ramp

Organizations are adopting a cloud-first strategy, with 83% of enterprise workloads estimated to run in the cloud by the end of 2020. In order to maximize application performance, cloud access points need to be placed closer to where end users and cloud services are located. Together, Fortinet and Equinix can offer secure connectivity to all major cloud providers in locations across the globe.

Equinix and Fortinet Fast-Track Secure Networking Solutions, Wherever You Need to Be


AMERICAS

SEATTLE
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DENVER
CHICAGO
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PHILADELPHIA
WASHINGTON, D.C.
CULPEPER, VA
DALLAS
LOS ANGELES
ATLANTA
MONTERREY
HOUSTON
MIAMI
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SÃO PAULO
RIO DE JANEIRO

EMEA

HELSINKI
STOCKHOLM
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ISTANBUL
SEVILLE
LISBON
DUBAI
ABU DHABI

ASIA-PACIFIC

OSAKA
SEOUL
TOKYO
SHANGHAI★
HONG KONG
SINGAPORE
JAKARTA★
PERTH
BRISBANE
ADELAIDE
SYDNEY
MELBOURNE
CANBERRA

Legend:
- Network Edge – Coming Soon Location
- Network Edge Location
- Equinix Location
- ECX Fabric Location
- ★ Partner Data Center

DEPLOYMENT SCENARIOS
# Optimize Connectivity to Cloud Services Using FortiGate via Network Edge Services

In this scenario, the customer deploys a Fortinet FortiGate virtual appliance on Equinix Network Edge to act as a secure gateway into the Equinix Cloud Exchange Fabric® (ECX Fabric®) and cloud on-ramp. Once deployed, private connections to all major cloud providers can be provisioned on demand. This approach ensures end-to-end security from remote offices and teleworkers through the cloud on-ramp, by leveraging Fortinet's SD-WAN, secure overlay network and threat protection capabilities. The cloud on-ramp within the IBX Equinix data center then provides local connectivity between the customer's virtual network services and third-party cloud services (SaaS/IaaS), minimizing latency and jitter, reducing capital expenses and simplifying operations.
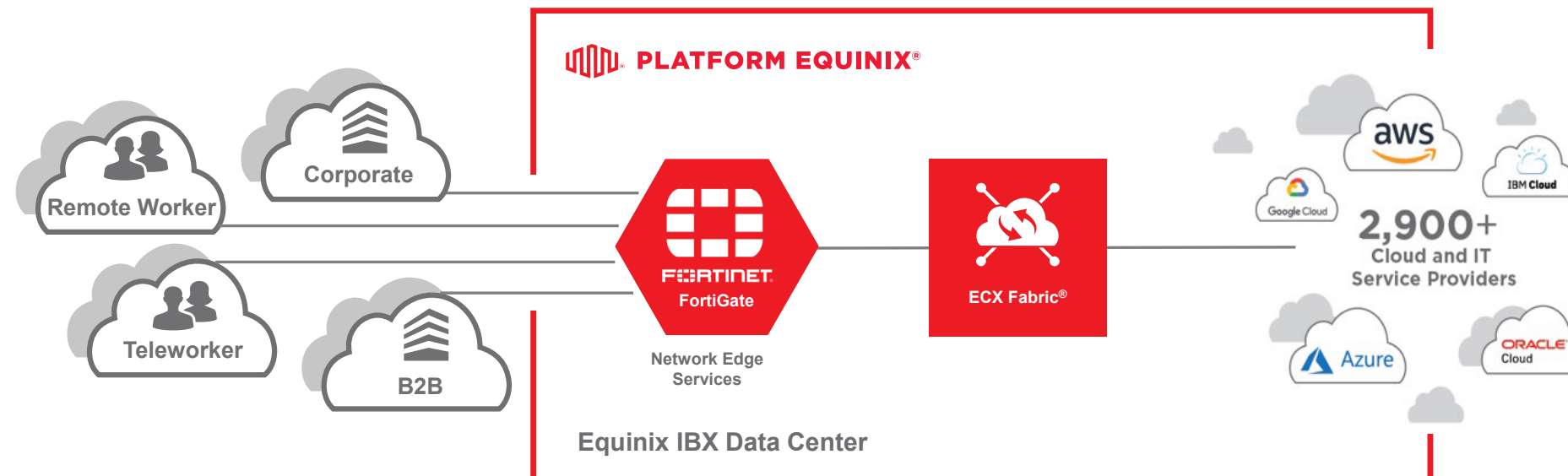
DEPLOYMENT SCENARIOS
Remote Access/SSL VPN

In this scenario, you deploy a Fortinet virtual firewall solution on Equinix Network Edge to increase VPN capacity for remote workers accessing on-premises and cloud-based applications. The benefits of this scenario provide a secure remote access solution that supplements your current VPN capacity while enforcing a consistent security policy regardless of location. A FortiGate remote access solution can be deployed in minutes and provides threat protection from the edge to the data center to the cloud. This scenario ensures the network can support the changing needs of the business, either due to increasing cloud adoption, geo-political landscapes or meeting the needs of a remote workforce.
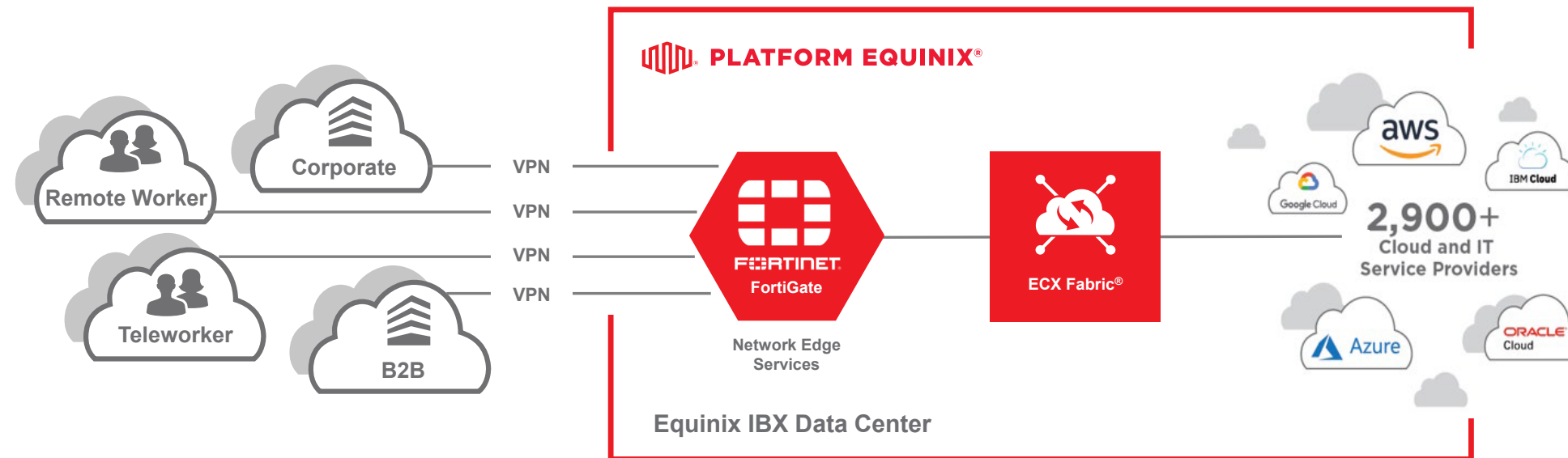
DEPLOYMENT SCENARIOS

Consolidate Management, Reduce Risk and Improve Agility with Secure SD-WAN

As use of business-critical, cloud-based applications and tools continues to increase, distributed organizations with multiple remote offices are switching from performance migrating away from wide area networks (WANs) and seriously evaluating SD-WAN solutions. SD-WAN provides dynamic path selection between multiple transports (MPLS, 4G/5G, broadband, etc.), ensuring organizations quickly and easily access business-critical cloud applications. Secure SD-WAN empowers organizations to employ integrated NGFW advanced security capabilities with SD-WAN in a simplified offering. In this scenario, you deploy Fortinet secure SD-WAN at the edge of your branch or data center network. Secure SD-WAN protects application performance and availability for your cloud services using ECX Fabric. Secure SD-WAN is a comprehensive WAN edge solution that consolidates operations and management, eliminates silos, and increases agility while providing UTM/NGFW security services.
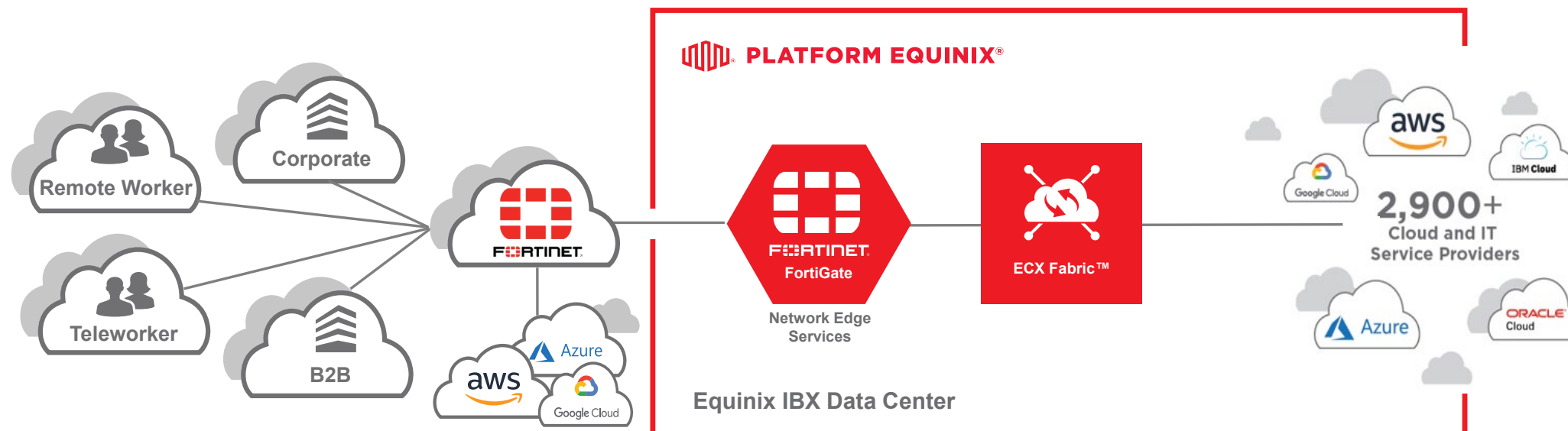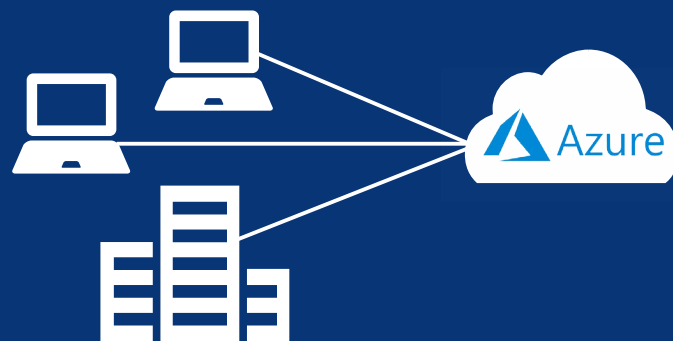
CUSTOMER SUCCESS STORY

Remote Access VPN Solution Using Equinix Network Edge and Fortinet Fortigate

Prior to COVID-19

Prior to COVID-19, this customer's VPN was designed for a small percentage of remote workers—mainly traveling employees and those needing after-hours access.

Shift to Remote Workforce

The work-from-home environment instantly created an overwhelming demand for remote access. The corporate VPN immediately started experiencing scale and performance issues.

The Solution

This customer was able to deploy a secure virtual firewall/remote-access appliance to supplement existing VPN capacity within minutes. In addition, private virtual connections were created to Azure, to ensure all remote workers had access to the services they needed.
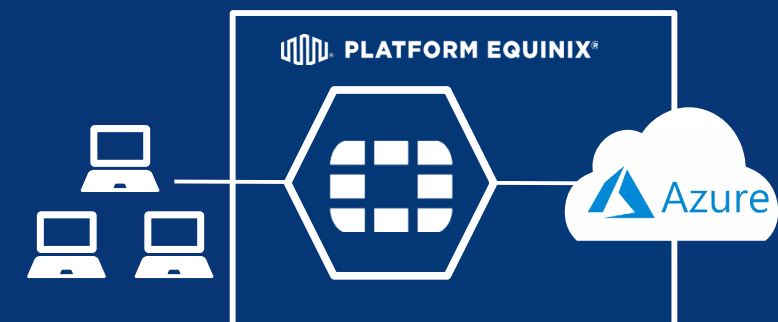
Security-Driven Networking Solutions for the Edge

More Information

To learn more about how the joint Equinix and Fortinet solution can revolutionize the way you build and manage your network, contact your Fortinet or Equinix representative.

Equinix.com/Contact-Us/Sales

About Fortinet

Fortinet Inc. (NASDAQ: FTNT) secures the largest enterprise, service provider, and government organizations around the world. Fortinet empowers its customers with intelligent, seamless protection across the expanding attack surface and the power to take on ever-increasing performance requirements of the borderless network—today and into the future. Only the Fortinet Security Fabric architecture can deliver security without compromise to address the most critical security challenges, whether in networked, application, cloud or mobile environments.

Fortinet.com

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. We enable our customers to access all the right places, partners and possibilities they need to accelerate advantage. With Equinix, they can scale with agility, speed the launch of digital services, deliver world-class experiences and multiply their value.

Equinix.com