

PRODUCTS & SERVICES

EQUINIX GOVERNMENT DATA SHEET

As digital transformation drives the placement of strategic control points next to users, clouds and networks, agencies can leverage the power of the cloud ecosystem on Platform Equinix®, the leading global interconnection platform.

Platform Equinix delivers the advantages of the cloud ecosystem with the power of the leading global interconnection platform.

- Improve productivity to support the growth of an increasingly mobile workforce.
- Leverage local proximity and unmatched global reach with 200 data centers on 5 continents in 24 countries and in 52 key metro areas.
- Cross connect directly and securely to 1,800+ network carriers, including all of the GSA Network and WITS providers.
- Meet “Cloud First” mandates by leveraging direct and secure interconnection to 2,900+ cloud and IT service providers.
- Ensure security for your deployed systems within secure data center facilities: secure cage spaces, 24/7/365 on-site security guards, multiple levels of biometric readers, CCTV, access control lists, motion detectors and comprehensive procedures for screening inbound deliveries.
- Reduce total cost of ownership by reducing costs associated with network connectivity, improving uptime and reliability, and migrating critical agency IT CAPEX expenditures to an incremental OPEX model.
- Rely on backup services through a comprehensive global service level agreement, which includes 99.999% power availability, 99.99% temperature and humidity availability and 99.99% cross connect availability guarantees.

Availability of some features varies by data center.

Benefits of an interconnected government

There is strong evidence that cloud adoption among government agencies is fast approaching a tipping point. Examples from government pioneers are demonstrating real and significant cost savings, unprecedented abilities to scale up and down quickly, device agnosticism and even enhanced levels of security. Although each agency has unique mission needs, security requirements and IT landscapes, the benefits of an interconnected government are available to all:

Greater security and compliance—By establishing direct access to all types of cloud models (public, private, government, community, hybrid), an interconnected cloud ecosystem achieves a level of security that public internet connections to clouds simply cannot provide. An interconnected cloud ecosystem lets agencies retain ownership of their security standards and policies, whether through access to government clouds designed to host sensitive and regulated workloads or in a multicloud environment designed to minimize points of entry.

Flexible cloud solutions keep you in control

- Maintain control of your data with flexible architecture solutions that meet your agency’s needs, including hybrid cloud and multicloud.
- Extend your network to critical locations to improve performance.
- Relocate assets or consolidate your data center.
- Separate data storage (for security, sensitive workloads or redundancy) but still access the cloud for compute.
- Retain ownership of security standards and policies.
- Migrate over time or leverage current contracts and network/cloud/managed service providers to accelerate migration to the cloud.
- Move from a CAPEX model to an OPEX model.

Standards and compliance

Comply with the rigorous standards and compliance needs of government.



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Simplified dynamic and automated interconnection—An interconnected cloud ecosystem enables government to simplify network topology, traffic aggregation and management when connecting multiple clouds. Managing direct connectivity to multiple clouds via virtual connections through a single physical port greatly reduces complexity and cost. Automated bandwidth allocation also helps manage capacity issues across multicloud and multigeography topologies. Reducing the burden of IT asset management lets agencies spend less time managing complex IT resources and more time investing in core mission work.

Fast, scalable connections—Traditional cloud access models, including relying on the public internet or extending existing MPLS networks, can have disappointing performance and high costs. An interconnected cloud ecosystem helps government achieve the fastest, most scalable level of cloud interconnection possible for each specific workload. This provides a high-speed fabric of globally distributed cloud PoPs out to the edge.

Multicloud, multiregion accessibility—An interconnected cloud ecosystem breaks through a centralized and siloed approach to cloud service connectivity, clearing the way for a distributed colocation model of interconnecting multiple clouds. The multitenant data center provides a vendor-agnostic home for global and regional cloud service providers, giving government agencies the freedom of choice. This helps agencies align their mission and IT services requirements with best-in-class cloud and network providers, no matter where they are.

Simple path to added value and reduced risk—It can take years to build new data centers for new digital services or even months to increase capacity of existing data center services. The “start small” approach enabled by cloud computing lets agencies provision capacity incrementally to develop and test applications with smaller initial investments than traditional IT models allow. At the same time, the nature of some costs changes from being capital investment in hardware and infrastructure (CAPEX) to a pay-as-you-go (OPEX) model with the cloud. Within a cloud ecosystem, as the number of interconnections increases, so does the value. The availability of a wide array of competing vendors on a platform that ensures portability also helps agencies minimize risks with purchasing regulations and vendor lock-in.

New avenue for shared services—The government cloud marketplace is maturing, and government agencies are becoming providers as well as consumers of cloud services, opening a new avenue for shared services. In order to fulfill the potential for interconnected government, this “platform layer” of digital services requires participation by the broadest ecosystem of network and service providers so that agencies can take advantage of all that digital transformation can offer.

The power of proximity—To achieve the best quality of experience (QoE), infrastructure must be distributed at the digital edge, so that content resides as close to the user as possible. By building this digital edge alongside the largest industry ecosystems on Platform Equinix, you’ll reach everywhere, interconnect everyone and integrate everything. Agencies can leverage industry best practices of an Interconnection Oriented Architecture® (IOA®) to bring applications and services closer to users, optimize multicloud connectivity and boost performance. Equinix has an unmatched global footprint in the places that matter most for your agency, giving you direct connectivity to customers, agencies, suppliers, networks and clouds. Take control of your digital strategy, with Equinix.

About Equinix Government

Equinix began as the neutral peering exchange and colocation provider for the major telecom networks, but has evolved to become the optimal global interconnection platform for digital services and scalable cloud. Equinix is the premier cloud ecosystem, with direct access to Amazon Web Services, Microsoft Azure, Oracle Cloud and government clouds.

We enable more than 330,000 interconnections between our customers, along with thousands of interconnected cloud and managed IT service providers, where government agencies get all the benefits of the cloud without security concerns, internet performance bottlenecks or the risk of vendor lock-in.

On Platform Equinix, agencies gain unmatched choice and flexibility along their journey to the cloud and for the digital transformation of government.

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