

Enterprise Private Cloud

A Smarter Way To Secure, Scale & Simplify

Explores the **What, Why, Who, When, Where, and How** of EPC — with a spotlight on the critical issues of **cost, complexity, and compliance**.



Introduction

In today's digital-first environment, businesses are under constant pressure to innovate, stay secure, and remain compliant – all while managing costs and operational complexity.

Enterprise Private Cloud (EPC) presents a compelling answer to these challenges, offering enhanced control, security, and scalability tailored to enterprise needs.

At IGS, we specialize in delivering enterprise-grade private cloud solutions that empower you to build resilient, future-ready IT infrastructures. This eBook explores the What, Why, Who, When, Where, and How (5W1H) of EPC – with a spotlight on the critical issues of cost, complexity, and compliance.

What's In this Guidebook?



- Overview of Enterprise Private Cloud (EPC)
- Pain Points EPC Solves
- Technical Benefits of Adopting EPC
- EPC vs Public Cloud vs Hybrid Cloud
- Getting Started with EPC: Size Doesn't Matter
- How Does IGS Simplify Cost, Complexity & Compliance
- FAQs



What Is Enterprise Private Cloud?

Enterprise Private Cloud (EPC) is a cloud computing model designed exclusively for a single organization, offering dedicated infrastructure, higher security, and customized control. Unlike public cloud, EPC ensures:

- Full data sovereignty
- Greater network and infrastructure control
- Tailored compliance alignment
- Predictable performance and resource allocation

IGS Advantage:

IGS provides EPC solutions with flexible configurations, seamless scalability, and built-in security to meet both business and regulatory demands.

Why Choose EPC with IGS?

Because Your Business Deserves:

- ✓ **Cost Efficiency:** Predictable OPEX over chaotic, scaling public cloud bills.
- ✓ **Compliance-Readiness:** EPC with IGS is purpose-built for industries with stringent compliance needs — from data residency to audit trails.
- ✓ **Complexity Management:** Our team handles architecture, implementation, and optimization — so you can focus on outcomes, not infrastructure.

With IGS, You Get:

- ✓ Certified experts
- ✓ 24/7 support and monitoring
- ✓ Custom deployment options (on-prem/ hosted)
- ✓ Integration with legacy and modern systems

Who Should Adopt EPC?

Enterprise Private Cloud is ideal for:

- Enterprises with sensitive data and strict compliance requirements
- Businesses seeking full control over their IT environments
- Organizations needing consistent performance and scalability
- Industries like Finance, Healthcare, Government, and Telco

If your organization is scaling, facing compliance audits, or handling mission-critical applications — EPC with IGS is the smart move.



Pain Points EPC Solves

Cost Overruns

Public cloud environments can result in unpredictable bills due to data egress, compute spikes, and pay-as-you-go complexities. EPC provides cost transparency and stability.



Security Gaps

Shared environments in public cloud expose businesses to cross-tenant risks. EPC delivers isolated, dedicated environments that prioritize data protection.



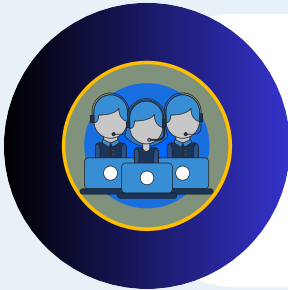
Regulatory Pressure

Businesses face growing demands to meet data sovereignty laws and industry-specific regulations. EPC offers tailored compliance support with built-in frameworks.



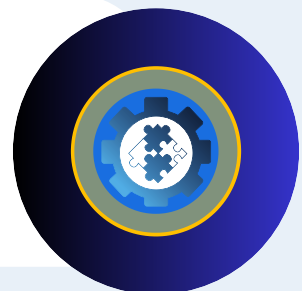
Operational Complexity

Juggling multiple cloud vendors, legacy systems, and compliance requirements creates IT headaches. EPC simplifies operations with centralized control and unified architecture.



Limited Customization

Public cloud offerings can be restrictive in configuration. EPC is fully customizable to align with your business's specific infrastructure and performance needs.



Financial Flexibility

EPC from IGS gives enterprise IT leaders the financial flexibility to structure investments as CAPEX, OPEX, or a hybrid model—supporting both fiscal strategy and operational growth. Whether optimizing annual budgets or planning for multi-year infrastructure modernization, EPC allows enterprises to choose the payment structure that best fits their roadmap.



Technical Benefits of Adopting Enterprise Private Cloud (EPC)



Dedicated Resources

EPC provides compute, storage, and networking resources that are not shared with others, ensuring higher performance and isolation.

Advanced Security Controls

Enhanced firewall policies, access control, intrusion detection, data encryption at rest and in transit, and segmented networks protect sensitive assets.

Tailored Architecture, Seamless Fit

EPC delivers performance for advanced enterprise workloads and ensures connectivity with your entire IT ecosystem—on-prem, cloud, or SaaS—via secure, configurable integration options.

High Availability & Disaster Recovery

EPC solutions from IGS offer integrated redundancy, automated failover, and geo-replication to minimize downtime.

DevOps and Automation Ready

Built-in compatibility with Infrastructure-as-Code, CI/CD pipelines, and orchestration tools for agile operations.

Observability & Control

Full access to monitoring dashboards, usage analytics, and audit logs for deep operational visibility and governance.

Regulation-Ready & Tax-Optimized

With native support for compliance standards such as RMiT and BCM, EPC also provides a tax-efficient model, exempt from the USP Fund—offering both governance readiness and cost savings.

Container & VM Support

Run modern workloads in containers or VMs, with support for Kubernetes and virtualization platforms.

EPC vs Public Cloud vs Hybrid Cloud

Feature	Enterprise Private Cloud (EPC)	Public Cloud	Hybrid Cloud
Security	Isolated infrastructure	Shared multi-tenant	Mixed security models
Control	Full control over configuration, updates, and policies	Limited control	Split control across platforms
Cost Predictability	Fixed or predictable costs	Variable/pay-as-you-go	Mixed billing models
Compliance	Tailored compliance support	Generic or limited	Varies by component
Simplicity	Unified control and visibility	Easy to start, harder to manage at scale	Complex orchestration
Consistency	Uniform policies and performance	Depends on provider's environment	Requires manual syncing
Integration Risk	Minimal – single stack	Low to moderate	Higher due to multiple platforms



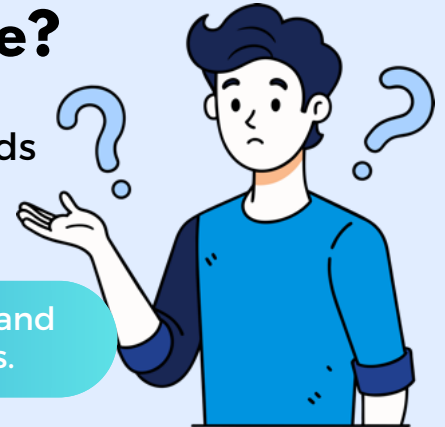
Why Enterprise Private Cloud (EPC) Wins

Enterprise Private Cloud (EPC) offers the best of both worlds – more control than public cloud, less complexity than hybrid models. It provides a focused, secure, and scalable environment for enterprises serious about performance and compliance.

When Is the Right Time to Migrate?

- ▶ When you're outgrowing legacy systems
- ▶ When you're facing increasing regulatory demands
- ▶ When public cloud costs become unpredictable
- ▶ When downtime is not an option

+ IGS Migration Services help you plan, pilot, and transition without disrupting your business operations.



Where Does EPC Fit in a Hybrid Strategy?

Hybrid Strategy Use Case	Role of EPC	Benefit
Compliance-Critical Workloads	EPC hosts data subject to regulatory control	Ensures data sovereignty and audit readiness
Legacy System Support	EPC runs apps incompatible with public cloud	Avoids refactoring costs, ensures continuity
Data Control Layer	EPC serves as central data management plane	Unified governance across hybrid infra
Burst Capacity Offload	EPC handles steady-state, public cloud handles spikes	Optimized cost and resource efficiency
Disaster Recovery	EPC as DR or primary site with failover to public cloud	Improved RTO/RPO, reduced DR cost
Security Zoning	EPC segments sensitive data/applications	Enforces stricter access controls

* CAN I START SMALL WITH * ENTERPRISE PRIVATE CLOUD

Yes

With IGS, you can start small and scale confidently.



01 MODULAR AND RIGHT-SIZED EPC DEPLOYMENTS

Not every organization needs to go all-in from day one. IGS offers modular and right-sized EPC deployments that allow businesses to launch with a minimum viable environment tailored to immediate needs.

Whether it's for a single department, a sandbox for innovation, or a migration pilot, we help you start where you are.

02 SCALABILITY AND EXPANSION

As your business grows, our flexible architecture and managed services enable seamless expansion – so you can scale without re-architecting.



03 BENEFITS AND FUTURE- PROOFING

This approach minimizes upfront investment (CAPEX), maximizes agility, and builds a future-proof private cloud ecosystem that evolves with you.



How Does IGS Simplify Cost, Complexity & Compliance?



COST

- Transparent pricing with no hidden fees
- Predictable billing and resource utilization
- Optimized resource allocation through advanced analytics
- Flexible CAPEX / OPEX / Hybrid models to suit your financial strategy

COMPLEXITY

- Full-stack support: from design to deployment
- Managed services to reduce IT burden
- Automation and orchestration to streamline operations



Compliance

- Built-in controls for data sovereignty, access logging, and encryption
- Industry-aligned frameworks (ISO, PDPA, PCIDSS, RMIT, BCDR , and more)
- Regular security audits and compliance checks

FAQs : Your EPC Questions, Answered

1

Is EPC more expensive than public cloud?

Not necessarily. EPC offers long-term savings through predictable costs and better resource control.

2

Can I move my existing infrastructure to EPC?

Yes. IGS offers comprehensive migration services with minimal disruption.

3

How is EPC more secure?

You get isolated environments, strict access control, and no resource sharing.

4

What compliance standards does IGS support?

We support ISO/IEC 27001:2022 , ISO/IEC 27017:2015, PDPA, PCIDSS v4.0, RMIT, BCDR and more.

5

Can EPC work with my existing cloud strategy?

Absolutely. EPC integrates well with hybrid and multi-cloud models.



Build smarter, Secure better, Scale faster, With IGS.

Enterprise Private Cloud is not just about infrastructure — it's about control, confidence, and continuity.

With IGS, you don't just get a cloud provider. You get a strategic partner that understands the demands of cost, complexity, and compliance.

Talk To Us

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