



# Private Cloud

## Features and Benefits

- Consultative Engagements
- Customised Solutions
- Clean Migration
- Managed or Self-Service
- Cost Predictability
- Modernise Infrastructure
- Local, Personalised Support

Businesses are increasingly looking at ways to automate operations, deliver rich customer experiences and launch new products and services - cloud is the primary accelerator of this innovation and an essential element of a digital-first strategy.

Research firm IDC forecasts total worldwide spending on cloud services, the hardware and software components underpinning the cloud supply chain, and the cloud services opportunities to surpass \$1.3 trillion by 2025, with a compound annual growth rate of 16.9%.

To be competitive, organisations must not only have the right cloud strategy in place, but also the right hosting partner. Saicom offers a consultative approach to designing solutions to match each customer's unique business needs and leverages the Saicom Private Cloud to answer these needs.

In an apps-driven world, you need an apps-driven cloud. Saicom Private Cloud is the best destination for your applications with total security, powerful innovation and a platform designed from the ground up to accommodate your workloads.

Choose from dedicated or secure shared infrastructures, with seamless migration of workloads between our data centres in Johannesburg, Cape Town and Nairobi (Kenya), or disaster recovery protection from your on-premise private cloud environment if needed.

# Saicom Private Cloud

Our Saicom Private Cloud delivers infrastructure-as-a-service and platform-as-a-service (IaaS and PaaS) to clients who need the flexibility to manage multiple workloads and applications all through a single pane of glass.

A virtual data center multi-site management solution, Saicom Private Cloud enables clients to deploy, manage and monitor workloads with deep insight and control. Clients are able to manage and deploy virtual machines, vApps, containers and software services from an intuitive cloud portal.



Colocation / Physical Hosting	Infrastructure as a Service	Platform as a Service	Software as a Service
Applications	Applications	Applications	Applications
Data	Data	Data	Data
Runtime	Runtime	Runtime	Runtime
Middleware	Middleware	Middleware	Middleware
O/S	O/S	O/S	O/S
Visualisation	Visualisation	Visualisation	Visualisation
Servers	Servers	Servers	Servers
Storage	Storage	Storage	Storage
Networking	Networking	Networking	Networking
Customer Managed	Managed Services (Optional)	Saicom Managed	

# Benefits of Saicom Private Cloud

Saicom Private Cloud shares some basic features with public cloud, including scalability, virtualisation capabilities and computing resources that can be allocated on an on-demand basis (infrastructure-as-a-service).

## > Clean Migration

Minimise changes required to migrate apps for accelerated cloud benefits

## > Managed or Self-Service

Choose control levels over your environment, with options for fully managed services

## > Cost Predictability

With flexible consumption models and no stringent commitments you can meet your app demands with predictability and no hidden charges

## > Modernise Infrastructure

Shift to a fully software-defined infrastructure for scale, agility and lower cost

## Features of Saicom Private Cloud include:

### > Agility and flexibility

Saicom Private Cloud can be designed to meet the specific needs of our clients, to meet performance, scaling and architecture parameters.

### > Quicker time to market

With Saicom's Private Cloud software-defined data centre environment, the ability to quickly deploy and manage market ready applications is at your fingertips.

### > Modernise applications

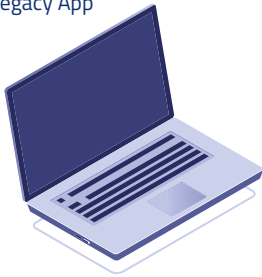
No matter where clients are in their cloud journey, applications (apps) need to be modernised to work optimally in the target cloud environment. We can help chart a safe path through digital transformation and app modernisation to secure the future of workloads and provide the benefits of cloud infrastructure.

### > Personalised, local support at no extra cost

Saicom offers white glove service and support to clients from migration to ongoing support. Private cloud services are maintained using dedicated software and hardware, providing the flexibility to adapt resources and control them.

# Saicom Private Cloud

Monolithic Legacy App



## APPLICATION MODERNISATION

Simple Cloud Migration



Ready to deploy Marketplace Apps



Containerisation



Cloud-Native Services



## VMWARE-POWERED INNOVATION

- Dedicated or secure shared infrastructure

- Validated and secure
- Infrastructure "baked in"
- 1-Click deployments

- Kubernetes Cluster as a Service
- VMWare Tanzu
- Developer Ready Cloud

## AUTOMATED INFRASTRUCTURE

Secure Edge & Distributed Firewalls



Security & Encryption



Virtualised & Cloud Object Storage



Visualised Networking



## Saicom Private Cloud portal:

Saicom's Private Cloud portal offers secure, efficient, and elastic cloud resources to our customers, seamless provisioning and consumption of cloud computing resources and services to geographically distributed lines of business and IT teams in an API-driven approach. Managing workloads through the Saicom Private Cloud Portal gives customers the benefit of fast delivery times, minimal set-up and no additional hardware setup requirements, enabling an easy, seamless experience.

### Capabilities include:

#### › Elastic Secure Virtual Data Centers

A policy-driven, software-defined data center approach to computing, storage, networking and security ensures customers have securely isolated virtual resources, independent role-based authentication, and fine-grained control of their cloud services, with full self-service controls or delivered as part of a managed service.

#### › Multi-Site Management

Stretch data centres across sites and geographies; monitor resources from an intuitive single-pane of glass with multi-site aggregate views.

#### › Disaster Recovery

Regaining access and functionality to IT infrastructure after events like a cyber attack, or business disruptions is increasingly critical. Saicom offers customers disaster recovery solutions through various methods in order to tailor this to their requirements.

#### › DRaaS workload protection and Cloud Migration

Self-service, tiered disaster-recovery as-a-service between Saicom data centres. Customers with recent versions of vSphere; can now see Saicom as a Disaster Recovery endpoint for existing on-premise workloads. Customers can drive their own cold or warm cloud migrations with no complex architecture, networking and security conversions, benefiting from a vSphere target endpoint.

## Operational Visibility and Insights

A single pane of glass to provide centralised cloud management views. Leverage advanced analytics for deep visibility and comprehensive reporting of virtual data center environments.

## Secure Cloud

Supports multiple security-centric features to deliver an enterprise class cloud service. To help prevent malware, customers can utilise NSX-T distributed firewalling securing East-West traffic. Furthermore, dynamic groups and membership criteria can be defined to prevent future exposure automating protection. Customers can choose to encrypt workloads to prevent them being accessed without a key.



### Developer Ready Cloud

- Native K8s support
- Tanzu Kubernetes support
- App service and tooling
- Modernised infrastructure



### Data Protection

- Cloud-based recovery services
- Recover quickly and easily from disruption
- User existing vSphere skills



### Security

- Robust firewall and edge services
- Single-pane management
- User-defined access and zero-trust goals



### Networking

- Configure IP pools, gateways, DNS servers and search domains
- Routing and load balancing
- Site-to-site VPN

## About Saicom

Established as a voice and telecommunications service provider in the early 2000s, Saicom has continued to evolve, and today provides solutions that match both a rapidly changing technology landscape, and client needs in collaboration, networking, security, mobility, and infrastructure.

The company believes that new technology should not be introduced for the sake of new features, but to tangibly solve specific business challenges, and provide a roadmap for increasingly cloud-first applications and services. It does this by continually investing in best-of-breed technologies and cultivating highly skilled technical expertise.

## Other Services



### Collaborate

Collaboration is a big part of all that we do.



### Compute

We understand that when it comes to navigating a move to the cloud, businesses need options, support, and flexibility.



### Secure

For us, cyber security goes far beyond technical solutions.



### Mobile

Designed for businesses on the move.



### Network

We deliver both connectivity and advanced business solutions.