Flexible Compute Options for your Growing Business Needs

The proliferation of end user devices and growing need for anytime, anywhere, any device productivity – without impacting end user experience, makes workspace productivity a basic requirement for the digital generation workforce. To support such a workspace, WPaaS provides an agile, efficient and highly orchestrated infrastructure environment that aligns to digital business needs and amplifies business capabilities. This is where Unisys Infrastructure and Storage as a Service (ISTaaS) can help your organization.

Unisys ISTaaS combines the flexibility of cloud computing with the security and performance of on-shore, enterprise-grade managed infrastructure to support the workspace requirements of your digital generation workforce. The solution forms the foundation of the Unisys Workspace Productivity as a Service (WPaaS) offering, a comprehensive suite of consumption-based hybrid cloud services designed to enhance end user empowerment in the digital workplace.

Solution Overview

Infrastructure and Storage as a Service provides a platform for delivering a full range of highly secure, managed IT infrastructure and application services with the highest level of data security and availability within a hybrid cloud environment and at a controlled cost.
With ISTaaS, you can dynamically expand and contract the number of available infrastructure elements to support your digital business requirements. Our services create a structured approach to business continuity activities while reducing upfront investment and controlling ongoing operational costs.

Depending on whether you want to address resource intensive workloads or a variety of small workloads, Unisys provides flexible compute options – core computing and virtual computing, for maximum business impact. The scope and scale of our compute options can be customized to your organization’s requirements.

Unisys’ ISTaaS platform can integrate with your on-site Active Directory (AD) or an Azure AD to enable a single sign-on experience that further simplifies management. ISTaaS uses principles of the Software Defined Data Centre where traditional components of the data center are virtualized. Virtual resources such as storage, network, and compute allow fully automated processes for provisioning and presentation of resources.

Virtual Machines (VMs) can be configured with options for allocating virtual CPU and Memory. Host OS support for Microsoft Windows Server and current versions of the major Linux distros such as Ubuntu, Red Hat and SUSE.

Software Defined Networking - instantly provision and use firewall, load balancing, reverse proxies, point to point VPN and other common network functions while being able to apply an agreed Quality of Service (QoS).

Software Defined Storage - rapid provision and presentation of virtual storage arrays to VMs or applications while being able to guarantee performance using QoS against IOPS requirements.

Enhanced Data Protection

To support backup of individual server instances, Unisys offers on-demand Backup as a Service (BaaS) where you can request ad-hoc backups & restores. BaaS delivers simple, cost effective and secure options to meet all data your backup & recovery needs.

For complete peace of mind Unisys provides Disaster Recovery as a Service (DRaaS) for your mission critical sensitive data. DRaaS offers the ability to have multiple replicas of your data with multiple checkpoints created. To avoid major disruptions caused by catastrophe, data can be stored in different geographic locations.

Simplified Service Management

Unisys provides a customizable self-service provisioning and management portal for tenants through which you can monitor and manage your virtual machines and cloud services. The portal allows automation and integration of additional custom services into the WPaaS services framework.

Key Benefits

ISTaaS brings a range of benefits focused around agility and cost reduction. These include:

- Reduced Up Front Investment & Operational Costs
- Mainstream and Customizable solution support
- Fully Automated Provisioning of Resources
- Flexible Allocation of Storage, Network & Compute
- Flexibility around Licensing Models

Hybrid Model

Unisys ISTaaS is delivered via a hybrid cloud model. Cloud services can be integrated from Unisys, Microsoft and 3rd party cloud providers. This true Hybrid model enables service to be delivered from multiple clouds, all keeping a single identity and delivering single sign-on.

Unisys Expertise

Based on our in-depth knowledge of workspace challenges, best practices and Microsoft solutions, Unisys helps organizations take full advantage of the end user workspace for maximum business impact.

Our Infrastructure and Storage as a Service facilities that support the right IT environment for your digital generation with 24x7 IT availability, accessibility and reliability.

Microsoft has recognized Unisys as an Azure Innovation Partner for our capabilities in leveraging Azure technology to help organizations grow and innovate using a hybridization of private, Microsoft and Unisys solutions. Unisys is a Microsoft Gold Certified Partner across ten competencies including the cloud space.

Next Steps

For more information on Unisys Infrastructure and Storage as a Service and other Workspace Productivity as a Service offerings, please contact your Unisys representative, Peter Carapiet, Business Relationship Manager, GovConect Team at 0449 175 016 or Peter.Carapiet@au.unisys.com.
Protect Your Data - the Lifeblood of Your Organization

Data flows through an organization like blood does in the circulatory system. Businesses are dependent on the consumption of data to operate effectively. Reliance on data is evident from the exponential rate of growth in data sets across all types of business. The mission of protecting data has become a mission-critical function, essential to protect the business and its clients from exposure to loss or destruction of important data.

Natural disasters, infrastructure failures and other more sinister catastrophes can occur at any time, any place and to any type of business, making backup and recovery more important than ever before – it is a core essential.

With these key factors in mind, Unisys has created Backup as a Service (BaaS) to provide enterprise-class data protection to our clients. BaaS is a key component of the Unisys Workspace Productivity as a Services (WPaaS) offering, a comprehensive suite of consumption-based hybrid cloud services designed to enhance end user empowerment in the digital workplace.

HIGHLIGHTS

- Data Protection suite offering a wide range of options to safeguard key data.
- Hybrid Cloud flexibility to fully manage backup workloads both in private or public cloud.
- Automatically configure and tailor BaaS to your frequency, planned budget and retention preference.
- Rapid Provisioning & Self-Service web interface for simplified service management.
- Fast Implementation, reduced upfront investment and ongoing operational costs.
- Protection for VMs and Servers as well as providing native backup options for critical applications such as SQL, SharePoint and Exchange.
Solution Overview

Backup as a Service provides various tiers of service with different options to allow you to get the best alignment of your data protection policy with the services provided.

Using snapshot technology BaaS can protect; Virtual Machines (VMs), Servers, Files, Databases, Endpoints, Volumes, Business Applications and has native application awareness of leading products such as SharePoint and Exchange without causing any disruption to the platforms being secured.

Backup as a Service allows you to:

- Secure your data which is encrypted during backup and while at rest with 99.9% availability guarantee
- Reduce time and complexity to backup/restore
- Reduce cost and complexity of managing backups
- Choose from a range of options to find the best fit for your needs
- Align to cloud benefits such as utility pricing, rapid deployment and elasticity, allowing projects of all sizes to benefit from the service
- Plan your storage strategy by determining your requirements through analysis of the reporting features and functions provided

Data Protection Options to Meet Your Business Needs

Backup as a Service for WPS facilitates the right IT environment for your digital generation data needs with 24x7 IT availability, accessibility and reliability.

In addition to the types of data you can protect, BaaS also provides you with a choice of medium to use. Unisys supports and manages WPS private cloud backup storage, Microsoft Azure public cloud storage or a hybrid blend of both. Whatever your business needs are with regards to data, Unisys storage options can support them.

The solution can support enhanced performance needs to protect platforms that have a high volume of real-time transactions and lower performance tiers of backup storage for legal archival purposes.

For business critical data, you have options to select the number of replications of the data sets you require as well as the number of different datacenters you wish to spread these data sets across, providing geographic redundancy.

BaaS also allows you to control the frequency of backup. Options range from multiple times a day, daily, weekly, monthly and yearly. The length of time the data can be retained is flexible to meet your requirements and ranges from days to multiple years.

Simplified Service Management

Unisys provides a customizable self-service provisioning and management portal for tenants through which your organization can monitor and manage your virtual machines and cloud services.

The Self Service Portal allows clients to select from the Unisys portfolio of solution options as well as to automate and integrate additional custom services into the WPS services framework.

Unisys Expertise

Based on our in-depth knowledge of practical workspace challenges, best practices and Microsoft solutions, Unisys helps organizations take full advantage of end user workspace for maximum business impact.

Our solutions rely on Microsoft technologies. As a Microsoft global partner and service provider, Unisys has a productive history of joint development for many offerings. Unisys is a Microsoft Gold Certified Partner across ten competencies including the cloud space.

Microsoft has recognized Unisys as an Azure Innovation Partner for our capabilities in leveraging Azure technology to help organizations grow and innovate using a hybridization of private, Microsoft and Unisys solutions.

Our wide reach through our global network of field engineers is underpinned by our consistent, stable support infrastructure, compliant with the ISO 9001 and ITIL standards to provide the same support experience for your end users – no matter where in the world they are located.

Next Steps

For more information on Unisys Backup as a Service and other Workspace Productivity as a Service offerings, please contact your Unisys representative, Peter Carapiet, Business Relationship Manager, GovConnect Team at 0449 175 016 or Peter.Carapiet@au.unisys.com.
Protect, Replicate and Failover Your Virtual Machines with Minimum Investment

Modern datacenters are increasingly complex, with a varied mix of hypervisors and physical assets. Recovery is cumbersome, error prone, and fairly manual. Typically, Disaster Recovery requirements and expectations are documented in a service-level agreement (SLA). Recovery Time Objectives (RTOs) define how quickly you need to recover and describe the tolerable level of downtime in the event of an outage or disaster. Recovery Point Objectives (RPOs) describe the level of data you are willing to risk.

Unisys Disaster Recovery as a Service (DRaaS) is the replication and hosting of physical or virtual servers to provide failover in the event of a man-made or natural catastrophe. DRaaS provides the ideal cloud-based Disaster Recovery solution to enable the best availability & resiliency answer for your workloads. Failover is provided for the hybrid cloud environment by integration to Microsoft Azure, Unisys cloud or other approved private or 3rd party clouds.

DRaaS is one of a suite of offerings in the Unisys Workspace Productivity as a Service (WPaaS) offering, a comprehensive suite of consumption-based hybrid cloud services designed to enhance end user empowerment in the digital workplace.

**HIGHLIGHTS**

- Replicate and failover your on-premises applications, negating the need to build and manage a second datacenter for recovery.
- Reduce expenditure by only paying for compute when you need it.
- Detect and stage multi-tier applications and restore them as a group, with specified start-up ordering and the ability to insert scripts to bypass manual configurations.
- Benefit from using Active Directory replication when your databases and infrastructure components need the least possible Recovery Time Objectives.
- Perform periodic Disaster Recovery drills and testing without any impact to the production or recovery virtual machine.
Whereas DRaaS focuses on managing the resiliency & availability of systems & services of your entire enterprise, it is combined with other offerings within WPaaS to provide cloud-based as-a-Service management for every type of enterprise solution. It is complemented by a range of support, communication and collaboration services with one key priority: to avail Disaster Recovery to everyone, everywhere, and to make it easy to use.

Solution Overview

Disaster Recovery as a Service offers comprehensive protection for a mix of virtual and physical servers, in a single robust solution. It allows organizations to leverage the platform as their recovery site, removing the need to manage and maintain a secondary site to protect heterogeneous workloads, significantly reducing complexity and cost along the way.

Unisys’ DRaaS contributes to your BCDR strategy by orchestrating replication, failover and recovery of virtual machines and physical servers in a way that is aligned with your business needs. DRaaS provides single click orchestration to automate the recovery process and minimize the time it takes to make an application available on the recovery site.

Regardless of the maturity level of your environment, DRaaS allows you to protect, replicate, and failover Virtual Machines (VMs) directly to the WPaaS DR site, increasing the resilience of your business-critical apps. The efficiency and availability resulting from this resiliency has a direct impact on your bottom line. DRaaS complements these savings by removing the need to invest in a standby datacenter.

Unisys’ DRaaS capabilities are built on a strong foundation: Windows Server Hyper-V Replica & System Center Virtual Machine Manager, and follow the concept of "No Workload Left Behind".

Key Benefits

Disaster Recovery as a Service delivers benefits in a short time after implementation. It delivers a robust strategy with:

- **Improved Resilience and Availability**: allowing you to conduct business in new ways
- **Latest Technology**: Cloud based, allowing access to the latest version of management toolsets
- **Enhanced Protection**: Continuous research into the most effective BCDR solutions

- **Reduced Cost**: removes need for additional hardware for a DR site and reduced set up costs
- **SLA Achievement**: Regular comprehensive testing of DR plans to validate your RTOs/RPOs and how to improve them

Unisys DRaaS, allows you to use these RTOs and RPOs to manage business expectations and set the assumptions of your management, employees, and customers about your DR capabilities.

Unisys Expertise

Unisys has several global, state of art data centers supporting several governments, airlines, financial institutions and life science customers. In our global laboratories, we continuously test and evaluate various DR plans for varied customer types to understand their RTO/RPO needs alongside the constantly improving management toolsets so you don’t have to. With Unisys Enterprise Disaster Recovery services, your workloads are in excellent hands.

Our solutions rely on Microsoft technologies. As a Microsoft global partner and service provider, Unisys has a productive history of joint development for many offerings. Unisys is a Microsoft Gold Certified Partner across ten competencies including the cloud space.

Our wide reach through our global network of field engineers is underpinned by our consistent, stable support infrastructure, compliant with the ISO 9001 and ITIL standards to provide the same support experience for your end users - no matter where in the world they are located.

Next Steps

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