



**Free Yourself into the Cloud**

Taiwan's only Hybrid Cloud specialist using **VMware**® technology

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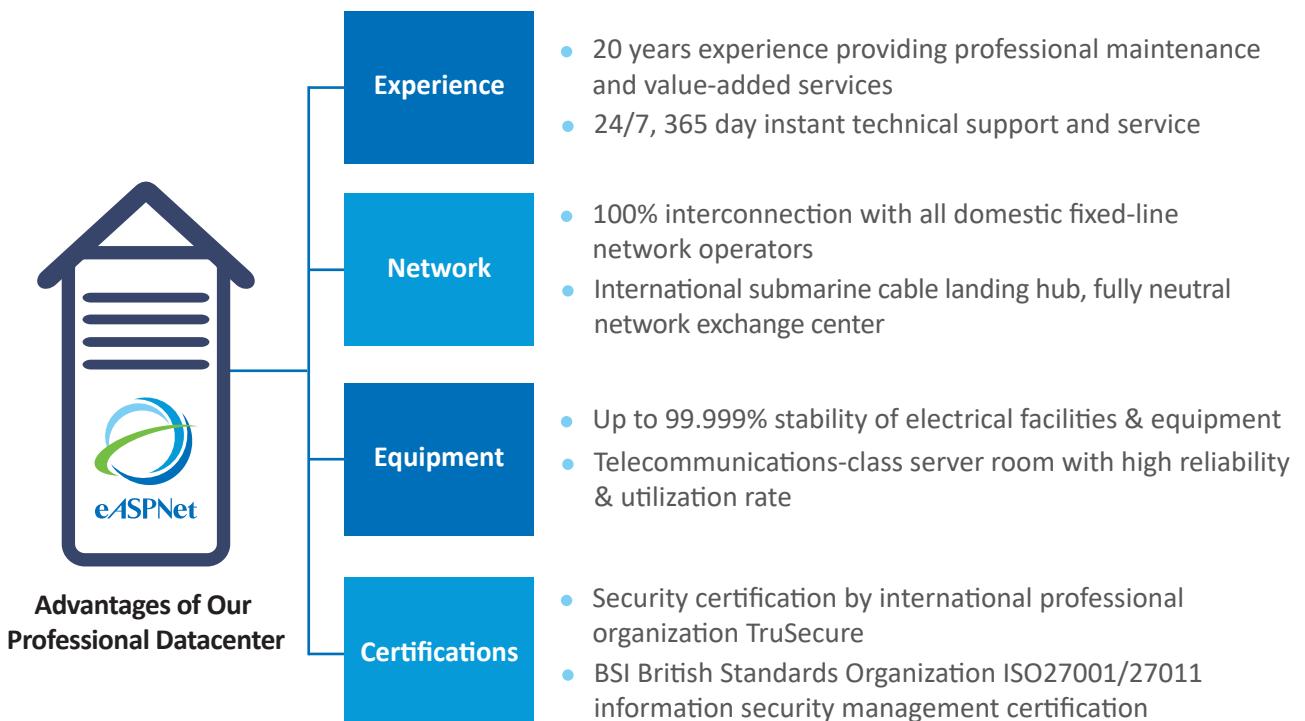
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# eASPN eGWS Hybrid Cloud Services

Virtualization is a new concept and technology that has become a hot topic in recent years by being able to effectively improve the flexibility and scalability of businesses. However, the steep costs of required hardware resources and software licenses deters many regular businesses from its adoption. In addition, when governmental departments, educational institutions or businesses are at the planning or adoption stage, they find that the physical server procurement and connection process to be extremely time consuming. Coupled with system management, data backup, system redundancy and other issues, this might lead to an overly complicated expansion and upgrade process. And, if the new system cannot go online on-schedule, the department or business in question may suffer significant losses as a result.

Since 2016, eASPN has worked together with VMware, a global leader in cloud computing infrastructure, to build Taiwan's first Hybrid Cloud. This has enabled the vast number of VMware-based businesses to adopt a Hybrid Cloud platform built on VMware's SDDC (Software Defined Data Center) technology, and to enjoy secure, stable and high-performance cloud services. GWS (Global Web Service) is a global cloud computing application platform that provides global cloud computing services to help businesses grow rapidly and achieve their goals while taking into account the cost of IT resources.

GWS Hybrid Cloud Services include HaaS (Hardware as a Service), Cloud Storage Backup Services, and Disaster Recovery Offsite Backup Services. Customers can enjoy an exclusive combination of VMware's most advanced technologies and comprehensive technical support without needing to pay steep licensing fees. Our exclusive Private Cloud and Hybrid Cloud Services have been created to assist businesses in the most economical and secure ways possible, while providing a simplified procurement process, a fast delivery of service, and a flexible pay-as-you-go payment method. With a professional network management center, eASPN provides a wealth of network resources and 24/7 real-time technical support, making it the best choice for your localized enterprise cloud services.



## GWS HaaS (Hardware as a Service)

### Service Content

- **GWS bare metal server leasing**

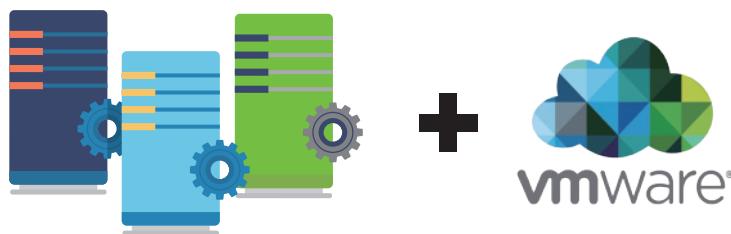
Resources for all workloads requiring high processing power or disk I/O are supported.

- **GWS private cloud leasing**

An integration service between a bare metal server and a VMware virtualization platform is provided, including related services such as automated management of the cloud server, resource monitoring, storage and backup. Rapid deployment, automated installation, flexible expansion and high availability can be achieved with this architecture.

- **VMware license leasing**

We are the exclusive provider of VMware license leasing in Taiwan.



### Service Features

- **Fully neutral network exchange point**

Physical servers can be directly connected with many different telecommunications providers, such as Chunghwa Telecom, Far EasTone, Asia Pacific Telecom or other well-known international providers. Network bandwidth can also be selected.

- **Complete range of server hardware, free replacement in case of fault or damage**

Low, medium and high-end models are available to meet the various needs of our customers, such as HPC (High-Performance Computing) models most suitable for customers using high-levels of virtualization.

- **VMware certification**

HPC (High-Performance Computing) models are all VMware compatible certified, and can be used with vCenter, NSX and other virtualization technologies to set up an enterprise private cloud.

- **VMware exclusive technology license leasing**

Users can dynamically adjust cloud operations and storage resources, as well as manage their own operations layout for resource management. In addition, an ERP (enterprise resource pool) can be provided according to customer needs for seamless resource deployment.

# GWS Cloud Storage Backup Service

## Service Content

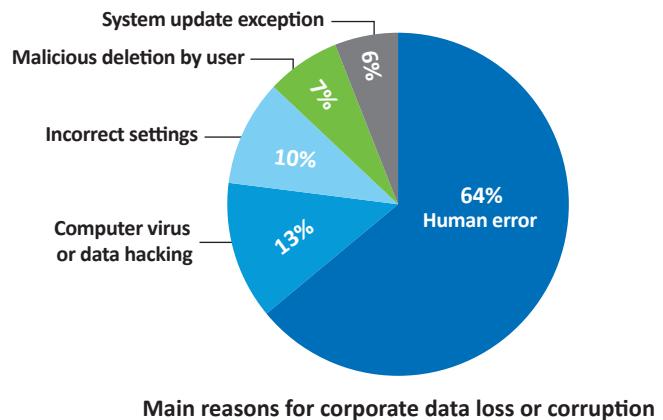
Backup needs for numerous different platforms are supported. Whether for physical servers, virtual servers, databases, desktop or laptop computers with a variety of operating systems or applications, backup and recovery services can all be provided that achieve high levels of customer satisfaction.

Deduplication technology and data compression are used to optimize storage space and reduce network bandwidth, while multi-point backup services are provided to significantly reduce the risk of data loss.

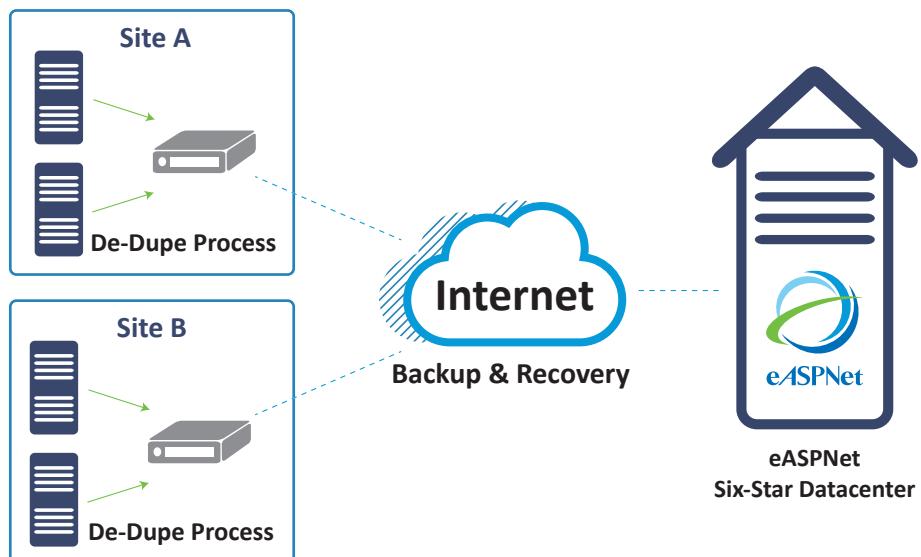
System-level disaster recovery services for customers' critical core systems are supported, providing businesses with uninterrupted service.

All enterprise data is backed-up using AES-256 encryption, and all transmission is performed in full compliance with the FIPS140-2 standard, to protect data integrity and prevent tampering, ensuring corporate data security and preventing leakage.

A unified website interface is provided to manage business data backup and recovery operations, to provide real-time monitoring information, data analysis and forecasting reports, and to display instant backup and recovery information notifications, so that businesses can easily manage all backup and recovery operations.



Main reasons for corporate data loss or corruption



Service Diagram

# GWS Disaster Recovery Offsite Backup Service

## Service Content

- Disaster recovery drills can be performed on demand
- Highly flexible computing, network and storage resources
- Dedicated firewall, load balancing and VPN (Virtual Private Network)
- Cloud monitoring & data security and protection services (for an additional fee)

## Key indicators in pre-planning assessment

- Recovery Point Objective (RPO)
- Recovery Time Objective (RTO)

