

# Recovery as a Service - RaaS



## Why Virtualise?

**Virtualisation Solutions** provide an extremely effective utilisation of hardware, greater scalability and capacity management, reduced replication complexity and network bandwidth usage. The critical additional step often overlooked in deploying these technologies is to provide the necessary Disaster Recovery (DR) infrastructure. As virtual machines replace multiple servers, their criticality in support of business processes, operating systems, applications, and data increases rapidly. Consolidation of multiple applications onto a smaller number of physical servers actually concentrates risks; a single incident as simple as an isolated power failure can cause a major failure across multiple business units and applications.

It's impossible to ensure the true availability of a Virtual Machine within the same server farm, or another server within the same data centre; single-location virtualised environments are vulnerable to the same threats as non-virtualised environments. Remote backup and replication of virtualised server images and the rebuild of servers on alternate, remote infrastructure is the only feasible solution.

## Redundancy

Redundancy of host servers for disaster recovery can be a significant investment of capital budget, staff resources and administration: often not an option for many companies. Lack of a documented Disaster Recovery plan is also a fatal oversight; often assumed "it will all automatically failover", but in practice, this rarely occurs without a plan of action.

## Introducing RaaS

Our RaaS solution provides a fully managed, secure virtual DR environment in which to host your critical DR virtualised infrastructure. To restore / resume infrastructure and applications within defined timeframes, VM's can be invoked immediately or on a contended basis, loading and rebuilding the virtualised servers and software environments. Our solution includes the technology, staff resources, documentation and expertise to meet your recovery time objectives, recovering your applications and data; timely, consistently and tba.

## Benefits

- Meet/Exceed RTO/RPO Targets
- Utilise our IT DR Infrastructure
- Reduce Capex Requirements
- Fully Managed Solution
- Fully Scalable Solution
- Best of breed hardware/software

