

## TECHNOLOGY BRIEF

# NAVICLOUD DIRECTOR® IaaS PLATFORM



### Optimized as a Self-service or Jointly Managed Environment

NaviCloud Director® (Director) is one of the platforms powering the Navisite® NaviCloud® Infrastructure-as-a-Service (IaaS) solutions. Director blends the scalability and rapid provisioning of a cloud computing platform with proven, yet flexible, architectures, making it an ideal platform for rapidly spinning-up new cloud environments and scaling virtualized resources.

Director is based on VMware's vCloud Director technology. The platform is accessible via VMware's API, the native vCloud Director user interface as well as the Navisite-designed Proximity client portal. Director offers:

- **Block-Style Construction** - One Director account contains one or more Virtual Data Centre (vDC), based on geography and consumption. Each vDC contains Virtual Applications (vApps). Lastly, each vApp contains the Virtual Machines (VMs) and networks necessary to power the given app.

- Using vApps as building blocks to cluster VMs and networks supports improved portability and environment management.
- **Templates Available** - Director provides basic operating system templates for select operating systems (OS), including some common Windows and Linux versions.

### Capabilities to Support Diverse Business Requirements

- Enterprise-class computer, networking and storage components.
- Commitment to 99.999% availability via Service Level Agreement (SLA).
- Client-defined security architectures.
- Standard networking "behaviors" to help simplify the creation of firewall rules.
- Software defined networking (SDN) to help enable flexible network architectures, which support expedited deployments.
- Ability to integrate with other Navisite services to better meet complex needs.

### Replication Services (Add-On)

Via an add-on service, Director can enable replication of a VM or vApp between Director nodes or between a client's on-premise VMware implementation and an Director node. When on-premise-to-Director replication is used, the Director node can act as a disaster recover site or enable a controlled migration from a legacy data centre.

Considering Director's replication service operates within the platform's hypervisor, an agent, or other software installed on a guest OS, is not required. Regular test migrations help to ensure underlying applications behave

as expected in the event of a disaster, as well as during scheduled migrations.

### Backup Services (Add-On)

Installing and maintaining backup agents across multiple OS can be cumbersome. Backup agents may also rob performance from machines providing end-user services. Via an add-on service, Director can enable backups at the infrastructure level, without interfering with VM configuration or system performance.

### VM Management (Add-on)

Director users can add-on Navisite management of VM OSs on a VM by VM basis. Navisite's experts will harden the OS; provide patching, anti-virus support and monitoring; perform VM backups; troubleshoot OS issues; and modify VM parameters by request. Navisite can also jointly manage VMs to enable clients to assign only select management activities to Navisite.

### About Navisite

Navisite, Inc., a part of Spectrum Enterprise, is a leading international provider of enterprise-class, cloud-enabled hosting, managed applications and services.

### Contact Servnet

For more information on the full range of our services, please visit [servnetuk.com](http://servnetuk.com) or call us on +44 (0)203 666 5222