



iland Leverages vCloud Director to Deliver Automated Orchestration and Deliver a “Hassle-Free Cloud”

INDUSTRY

Service Provider

LOCATION

Houston, TX

KEY CHALLENGES

- Ability to provision cloud resources in response to dynamic customer needs
- Automate complex and time-consuming tasks

BUSINESS BENEFITS

- Create elastic pools of compute resources by converting physical data center assets into virtual resources
- Greater flexibility and customization for iland and iland customers driven by powerful APIs

“When we were pursuing our vision of the cloud, and building an environment to support execution of that vision, we wanted to leverage our VMware footprint. vCloud Director is a great choice for our orchestration needs. As a member of the vCloud Air Network, we were one of the first providers to launch the solution to deliver differentiated, enterprise-class cloud services.”

Justin Giardina, Chief Technology Officer

The Challenge

iland is an award-winning enterprise cloud infrastructure provider with eight datacenters located in the US, UK and Singapore. Founded in 1995, iland quickly recognized the need for an enterprise-level hosting solution capable of embracing cutting edge technologies and a commitment to developing solutions to challenging business needs. More than two decades later, iland has established itself as a leading cloud infrastructure provider and received industry recognition for its solutions, including the “Best of Breed Infrastructure as a Service Award” at VMworld.

iland believes that customers benefit most from a “hassle-free cloud” with services designed to be flexible and easy to use regardless of expertise, location or business objective.

iland’s Enterprise Cloud Services with Advanced Security (ECS-AS) delivers a self-service, enterprise-grade cloud infrastructure built to meet the dynamic business needs of its customers, whether short or long term. Built on VMware vCloud Director, iland ECS is designed to support a variety of workloads, disaster recovery and compliance needs via a custom console platform that’s familiar to operate and uniquely transparent, leveraging the vCloud Director API for automation.

With more than 10,000 VMs running on vCloud Director today, the solution has enabled iland to offer elastic pools of compute resources to customers by converting physical data center assets, like compute, storage and network, into large pools of virtual resources. This allows iland to support multi-tenancy services with the ability to orchestrate the provisioning of hybrid clouds that are ready for consumption in a matter of minutes. The robust networking components within vCloud Director support the required data security and isolation necessary to meet iland’s multi-tenancy requirements.

iland recognized that vCloud Director’s powerful APIs would allow it to leverage third party solutions to create an ecosystem of products that work together. Using the APIs that vCloud Director exposed, iland was able to implement a highly scalable UI solution that gives end customers self-service capabilities to provision infrastructure resources and gain a holistic view across their environment while also having access to a transparent billing platform. Iland’s tenants also have the option of directly leveraging vCloud Director’s RESTful APIs and SDKs and building their own custom solutions

“vCloud Director has been an enabler for iland’s dramatic growth, as it’s helped us automate our environment for tasks such as deploying VMs, customizing VMs, breaking things into hierarchies, and performing advanced networking,” says Justin Giardina, Chief Technology Officer. “As a provider of enterprise-level services, the multi-tenancy and complex networking that is built in to vCloud Director allowed us to launch with that from day one.”

With the ability to provision cloud resources in response to dynamic business needs, and benefit from automation that simplifies provisioning of services, vCloud Director has supported iland’s rapid growth and customers’ ever-evolving business needs while delivering a “hassle free cloud” experience that is unique in the cloud services marketplace.

