

# Enhance the Experience of your Datacenter & Cloud deployments and management



**Infrastructure.XO** is an abstraction layer for code-based implementations of IT infrastructures, services and solutions on premises and in the cloud. The open architecture enables dynamic adaptation of the most diverse requirements. This solution is based on four core parts, which all can be separately implemented as single units:



## Image Management

Fully automated provisioning of Windows and Linux Operating-Systems on premises and in the cloud.



## Infrastructure Management

Platform independent creation of completely unattended IT infrastructures on-premises and in the cloud.



## Configuration Management

Configuration, installation and management of applications and system components.



## Profile Management

Customization and management of the user environment during logon and logoff.

Image Management

with Packer

Targets  
**3**

Enabled

Infrastructure Management

with Terraform

Stacks  
**2**

Enabled

Configuration Management

with PowerShell DSC

Configurations  
**20**

Enabled

Profile Management

with PowerShell Profile Management

Profiles  
**3**

Enabled

By implementing code-based solutions in hybrid and multi-cloud environments we learned that the enormous complexity of the various tools and their handling is a huge challenge.

Therefore, our application offers easy management of all tools in hybrid environments including all necessary components to increase the transformation speed of the responsible teams when dealing with Infrastructure as Code technologies.

Special attention was paid to the dashboard, orchestration, monitoring and security components. Due to the modular design, all components can also be used or licensed individually.



## Why

XO enables end-users and IT organizations to access services, tools, applications and Desktops from any connected device regardless of their location.

With greater access, comes greater responsibility. There are different criteria used to measure the success of a digital workspace:

simplicity - scalability - speed - security – savings, and performance

### Key Benefits

Infrastructure.XO delivers services that enable IT departments to provide virtual servers and desktops from public cloud providers like AWS and Azure.

It can also deliver secure desktops from a customer's own datacenters. IT teams can now choose the right cloud – private or public for their VDI initiatives based on their own behalf and use cases.

Organizations can select the best cloud platform for their infrastructure or either VDIs. Server systems and Desktops can be simultaneously delivered via multiple clouds, private and public and managed via a single console for seamless control and administration in a true hybrid experience.

### Use cases

Cyclic creation of updated operating system images

Generation and maintenance of Citrix PVS or MCS

Creation of specialized OS images with different configurations

Traceable configuration changes through code-based solution in combination with version management

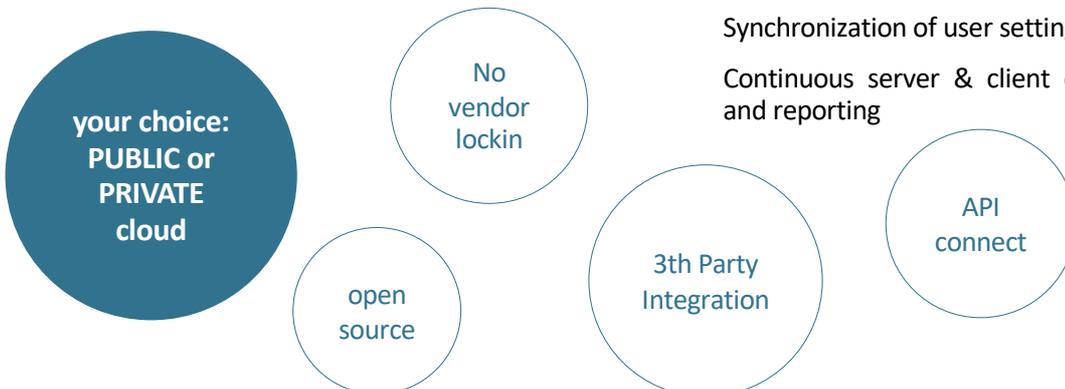
Creation of reproducible infrastructures for different infrastructure providers (write once, use multiple)

Redeployment of the entire infrastructure to another location or to another cloud provider in the event of a disaster

Immutable Infrastructure, operating systems are no longer updated

Synchronization of user settings

Continuous server & client configuration, monitoring and reporting



**RIS Consulting** has extensive experience in datacenter deployments, end-user computing (EUC) and virtual desktop infrastructures (VDI) with different enterprise customers globally. We are leveraging our VDI and EUC experience to provide a simple yet powerful platform that scales to your digital workspace needs now and in the future.

XO is a cloud-hosted IaaS that empowers any organization to deliver and manage their infrastructures and virtual desktops via a single console for seamless control and administration.