SNP Delivers Graphic Intensive Solutions on Citrix Cloud & Microsoft Azure

The SNP partnership with Citrix offers multiple VDI deployment options for Citrix solutions on Microsoft Azure—including virtual apps, desktops, data and networking.

For this solution SNP focussed on two business verticals:

❖ **Architectural Firms**   ❖ **Engineering Firms**

SNP helped tackle two major pain points that architectural and engineering firms face today:

❖ Minimize cost as endpoints with built-in graphics cards are expensive

❖ No central way to manage and maintain security on any of the data created on these endpoints

CITRIX® Partner
Service
Provider

Microsoft
Gold Partner

Gold Cloud Platform
Gold Datacenter
Gold Cloud Productivity
Gold Collaboration & Content
Gold Data Analytics
Gold Application Development

Business Benefits of Using SNP's Solution:

❖ Save on compute costs and the cost of deploying and maintaining a Citrix environment

❖ Built-in core component for redundancy and upgrades

❖ Rich graphic experience

❖ Rich 3D application performance using N series Azure virtual machines

❖ NetScaler and StoreFront simplification

❖ Simplified image management and deployment

❖ Enhanced scalability and elasticity with Azure and Citrix virtual desktops

❖ Managing multiple resource locations becomes easy

❖ Significant cost savings with the pay as you go option with Azure

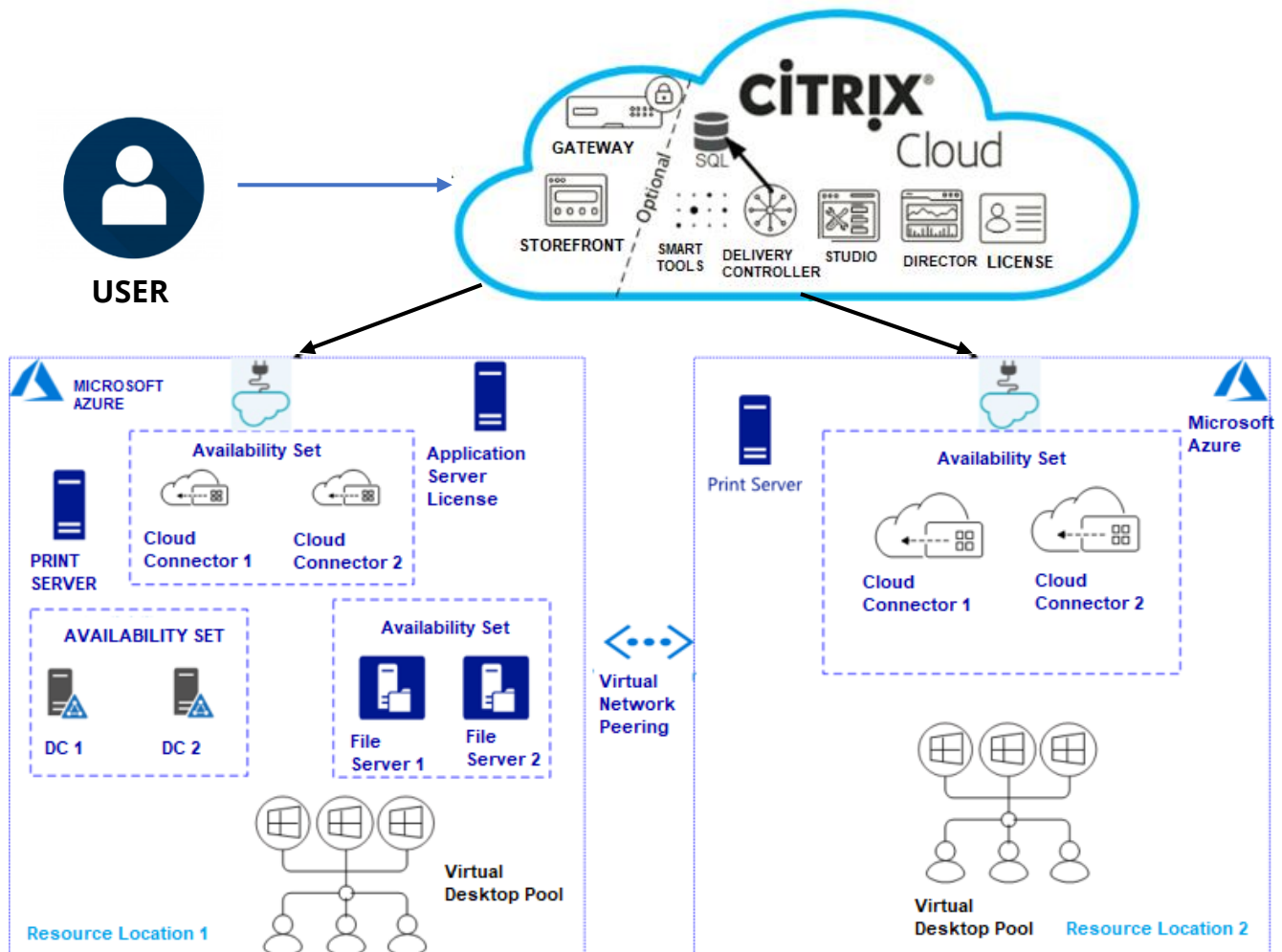❖ Flexibility of hosting different Azure VM size models and applications

Proven Use Case for Architectural & Engineering Firms:

Architecture, design, and engineering firms use graphics-intensive applications such as Autodesk and SolidWorks, which require more than the average amount of hardware resources to operate properly.
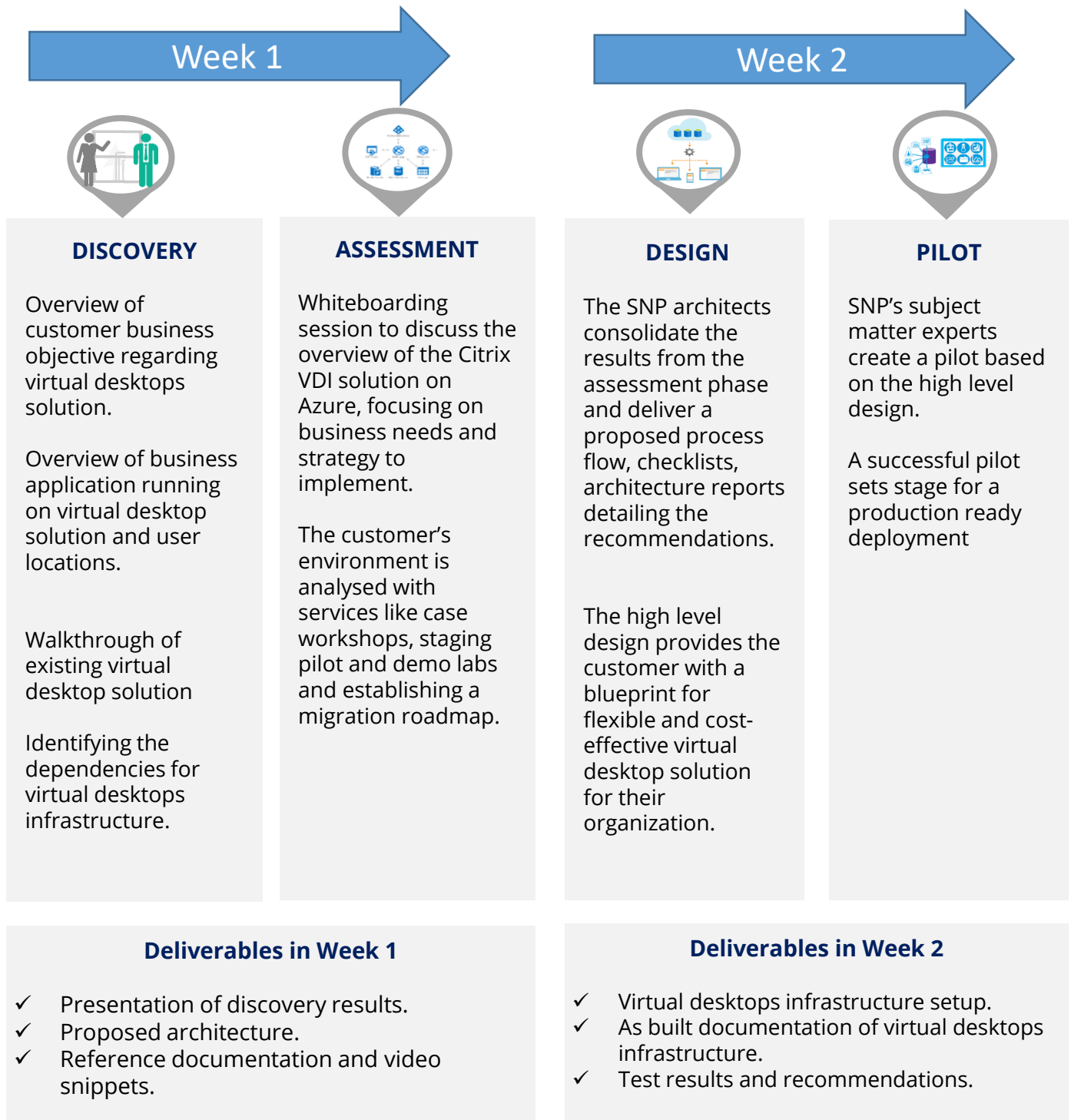
As a 100 percent cloud-focused partner, SNP leveraged the Citrix Cloud Virtual Apps and Desktop services to save on compute costs and the cost of deploying and maintaining a Citrix environment. Some of the benefits our customers experienced were:

- Onboarding new customers is now seamless and almost effortless.

- Leveraging GPU-enabled Azure N-Series VMs running Windows 10 delivered the best user experience for our customers.

- End users got high-end Windows 10 desktop in the cloud with preinstalled applications they need to get their work done, all while keeping the data locked down and secured from one management location.

- Azure compute costs were dramatically decreased by leveraging the auto scale feature of Citrix which doesn't require on-prem installations, and is built into the Virtual Apps and Desktops service at no additional cost.

- SNP leveraged the Citrix Gateway service which included the Citrix Virtual Apps and Desktops license. And with the gateway having points or presence globally, users are able to connect to the nearest location.

- SNP Technologies included features like high availability and global server load balancing in the solution without having to stand up or configure complicated networking architectures.

Potential Solution Architecture:

SNP's 2 Week Pilot Engagement Process

Week 1

Week 2

DISCOVERY

Overview of customer business objective regarding virtual desktops solution.

Overview of business application running on virtual desktop solution and user locations.

Walkthrough of existing virtual desktop solution

Identifying the dependencies for virtual desktops infrastructure.

ASSESSMENT

Whiteboarding session to discuss the overview of the Citrix VDI solution on Azure, focusing on business needs and strategy to implement.

The customer's environment is analysed with services like case workshops, staging pilot and demo labs and establishing a migration roadmap.

DESIGN

The SNP architects consolidate the results from the assessment phase and deliver a proposed process flow, checklists, architecture reports detailing the recommendations.

The high level design provides the customer with a blueprint for flexible and cost-effective virtual desktop solution for their organization.

PILOT

SNP's subject matter experts create a pilot based on the high level design.

A successful pilot sets stage for a production ready deployment

Deliverables in Week 1

✓ Presentation of discovery results.
✓ Proposed architecture.
✓ Reference documentation and video snippets.

Deliverables in Week 2

✓ Virtual desktops infrastructure setup.
✓ As built documentation of virtual desktops infrastructure.
✓ Test results and recommendations.