

## Information Technology Policy

### *Virtual Desktop Infrastructure*

<b>ITP Number</b> ITP-NET019 Virtual Desktop Infrastructure	<b>Effective Date</b> 11-13-2012
<b>Category</b> Recommended Policy	<b>Supersedes</b> None
<b>Contact</b> <a href="mailto:ra-itcentral@pa.gov">ra-itcentral@pa.gov</a>	<b>Scheduled Review</b> As Needed

**This ITP establishes Citrix XenDesktop and VMware View Premier as enterprise product standards.**

#### 1. Purpose

This Information Technology Policy (ITP) establishes product standards for Virtual Desktop Infrastructure. The VDI standard is to assist in controlling costs, reducing risks and promoting a consistent management of desktops.

#### 2. Scope

This ITP applies to all departments, boards, commissions and councils under the Governor's jurisdiction. Agencies not under the Governor's jurisdiction are strongly encouraged to follow this ITP.

#### 3. Definitions

##### 3.1 Virtual Desktop Infrastructure

Virtual desktop infrastructure (VDI) is the practice of hosting a desktop operating system within a virtual machine (VM) running on a hosted, centralized or remote server.

##### 3.2 Virtual Machine

A virtual machine is a software implementation of a computing environment in which an operating system or program can be installed or run.

#### 4. Objective

Establish an enterprise product standard for Virtual Desktop Infrastructure to achieve:

- Increased speed and reduced cost for provisioning of new desktops
- Decrease cost in deploying new applications
- More effectively manage desktop images
- Maximize refresh cycles of client desktops
- Reduce security risks to the enterprise

#### 5. Policy

##### 5.1 Enterprise Product Standard

This policy establishes the following as enterprise product standards for Virtual Desktop Infrastructure:

- o Citrix XenDesktop 5.5 or greater
- o VMware View Premier 5 or greater

#### 6. Responsibilities

##### 6.1 Agencies under the Governor's Jurisdiction

Agencies requiring a Virtual Desktop Infrastructure solution are responsible for assessing their business and technical requirements and determine the appropriate fit to one of the enterprise product standards established in this policy.

#### 7. Related ITPs/Other References

#### 8. Authority

- Executive Order 2011-05, Enterprise Information Technology Governance

#### 9. Publication Version Control

It is the user's responsibility to ensure they have the latest version of this publication, which appears on <https://itcentral.pa.gov>. Questions regarding this publication are to be directed to [ra-itcentral@pa.gov](mailto:ra-itcentral@pa.gov). This chart contains a history of this publication's revisions:

Version	Date	Purpose of Revision
Original		Base Document