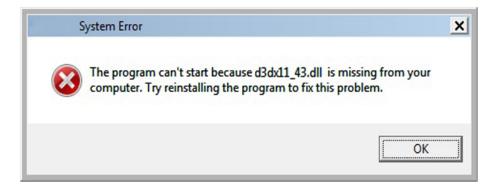
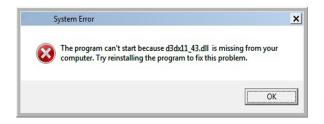


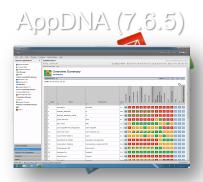
## App Compatibility

- Long and thorough analysis
- UAT one by one
- Install... test... install... test



## Migrations can impact applications





Moving
Applications to
Windows 10



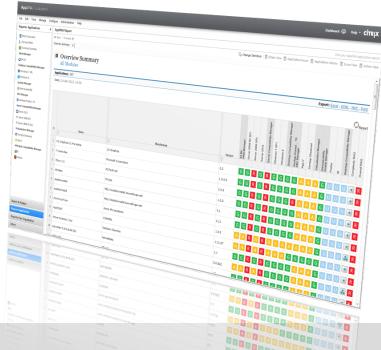
AppDNA for Windows 10 migrations



## Automatisiertes App-LifeCycle-Management mit AppDNA

## Tägliche Entlastung in der Applikations-Bereitstellung

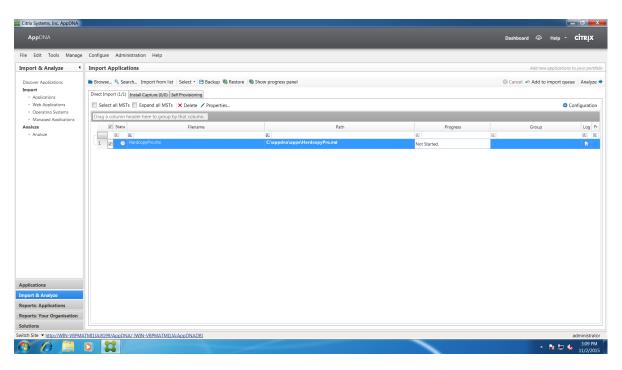
- schnelle Analyse der Software Pakete und Rollout-Methoden
  - Kompatibilitätsprüfung unter SW-Paketen und OS-Zielplattformen und Virtualisierung.
  - Patch Management und Service Packs
  - Reduzierter Aufwand für Freigabe-Prozess (QS)
- Geringeres Betriebs-Risiko
  - "1st Time packaging Success-Rate"
  - Manuell ca. 60-65% / AppDNA = 98%
  - bei WEB-Apps ...Reduktion von Sicherheitslücken und "Scripting-issues" und mehr





With AppDNA

Step 1: Gather your apps

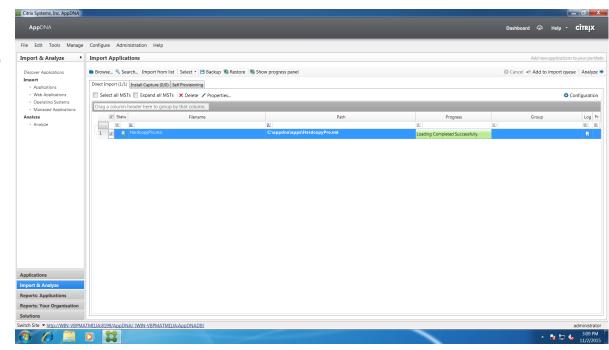




With AppDNA

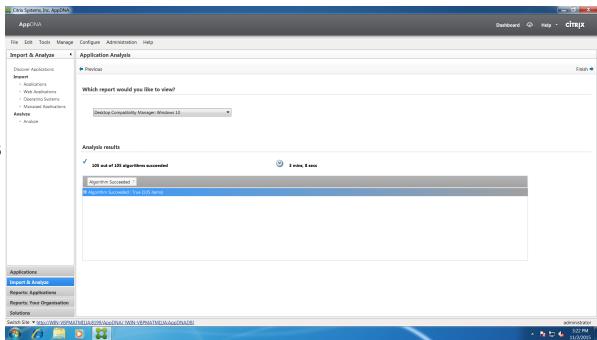
Step 1: Gather your apps

• Step 2: Import your apps



With AppDNA

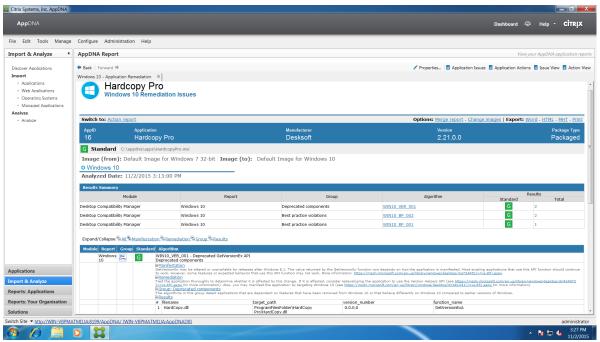
- Step 1: Gather your apps
- Step 2: Import your apps
- Step 3: Analyze your apps





With AppDNA

- Step 1: Gather your apps
- Step 2: Import your apps
- Step 3: Analyze your apps
- Step 4: Remediate your apps





With AppDNA

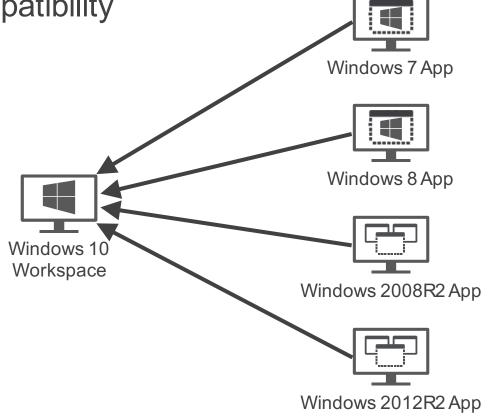
Step 1: Gather your apps

Step 2: Import your apps

Step 3: Analyze your apps

 Step 4: Remediate your apps

Step 5: Design



## XenDesktop Rollout



#### XenDesktop Adoption Report

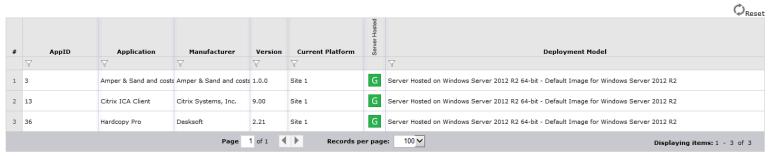
XD7 Adding New Apps

Applications: 31 Export: Excel . HTML . MHT . Print

Date: 10 Oct 2013, 21:05

Applications that can run in a XenDesktop 7 environment on Windows Server 2012 R2 64-bit (Default Image for Windows Server 2012 R2)





Applications that require mediation to run in a XenDesktop 7 environment on Windows Server 2012 R2 64-bit (Default Image for Windows Server 2012 R2)



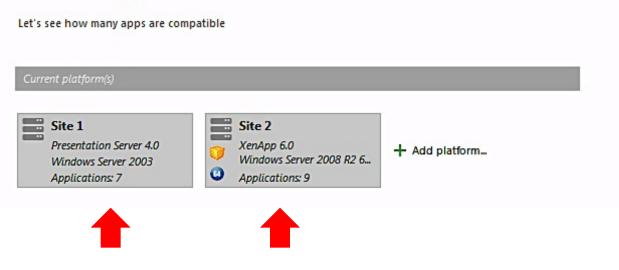
								Reset
#	AppID	Application	Manufacturer	Version	Current Platform	Server Hosted Before	Server Hosted After	Deployment Model
	7	7	$\nabla$	7	7			7
1	7	avast! Antivirus	Alwil	4.7	Site 1	R	G	Remediations: Server Hosted on Windows Server 2012 R2 64-bit - Default Image for Windows Server 2012 R2
2	9	Citrix AppDNA VM Confi	Citrix AppDNA	6.2.1212.30	Site 1	Α	Α	Remediations: Server Hosted on Windows Server 2012 R2 64-bit - Default Image for Windows Server 2012 R2
3	10	Corel PHOTO-PAINT 6	Corel	6.0	Site 1	А	G	Remediations: Server Hosted on Windows Server 2012 R2 64-bit - Default Image for Windows Server 2012 R2

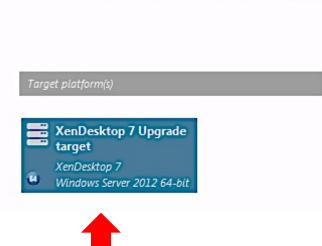


## XenDesktop Upgrade

Stack Konfiguration

#### Trial XD7 Upgrade





/ Edit...

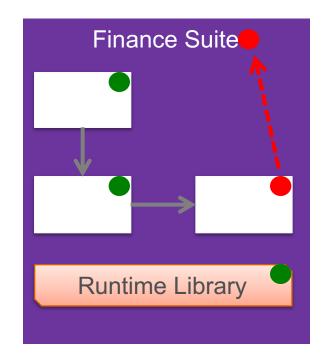
Delete

Report 🦬 Analyze



## Dependency Mapping

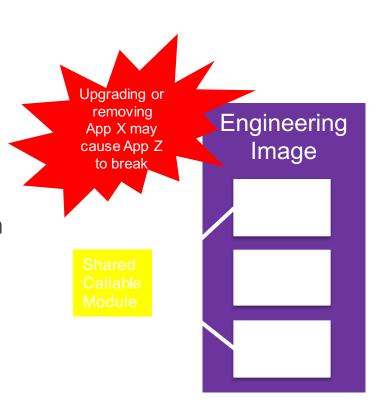
- Really important for App-V and images to include all dependent modules
- AppDNA will support:
  - Manually identifying dependencies
  - Suggest likely dependencies
  - Include analysis of runtime libraries
- Compatibility information will now 'bubble up' to the top
  - Top level will now be 'Red' if any dependent item is 'Red'



## Interoperability Testing

- Useful in planning groupings of MSI applications with images
  - Detects issues that can cause apps to break other apps during upgrade, uninstall, or repair
- Any Windows installer (MSI) conflict between apps in same image can be serious
- Manual testing is traditional method

Module	Report	Group	Standard	Export	Algorithm
Interoperability	Interop Demo Check	CR	R	*	CRCC_051 - Keypaths
					■ Manifestation  Each component within an MSI should have a keypath; is used to ascertain whether the component should be error by one application when it is still required by anot ■ Remediation  If a keypath resource is shared by multiple application; component from being removed when required by anot



### **Build Assessment**

- One change to an image means all apps on that image need to be retested
- Often only the golden master image gets tested – no time for the others
- NEW: AppDNA will check whether apps in the other images will be affected differently (compared to Gold)

Gold Master Image

One change here means all apps need testing with all images!

Engineering Image

Remote Worker Image

Back Office Image

Manufacturing Image

## **GPO Settings**

- GPO settings now detected
  - When incorporated in a custom OS image not from Active Directory
  - 23 GPO's can affect apps, out of >5000 possible
  - Examples:
    - No 16-bit apps
    - Firewall exception creation
    - New device installation
    - New app installation (.msi's only)
    - Prohibit patching
    - Lock-down
      - Access to control panel
      - Disable and hide all items on desktop
      - Restrict internet communication
      - Startup behavior
      - Access to command prompt
      - Non-admins applying updates

#### Other Features

- Net DNA added
  - System calls, etc. can now be detected inside .Net code
- 64-bit
  - 64-bit testing is no longer standalone detected and turned on/off automatically
  - 64-bit OS accuracy improved (64-bit registry settings now included)
  - 64-bit OS images now ship with AppDNA
- WorxWeb compatibility analysis
  - Analyze IE web apps for compatibility with WorxWeb browser
- Performance optimization
  - Estate Views will now be constructed only when requested
  - Analysis runs faster due to separation of Interop
- Platform Support
  - MS SQL Server 2014 (Standard and Express Editions) is supported

- Windows 10 FAQ
  - http://www.microsoft.com/de-de/windows/windows-10-faq
- Licensing Windows 10-Factsheet
  - http://cdn.ws.citrix.com/wp-content/uploads/2015/07/screenshot-33.png? ga=1.59005928.477747496.1422276443
- Windows 10 Webinar Serie for Partners
  - https://msevents.microsoft.com/cui/EventDetail.aspx?culture=de-DE&EventID=1032623375&IO=HBQrwxBOetf0EM4pK35xuv
- Windows 10 from MPC 2015 More personal computing the modern desktop
  - https://mspartner.microsoft.com/en/us/Video/Search?keywords=2015VK713
- Windows 10 webinar Preparing Your Enterprise for Windows 10 as a Service
  - <a href="http://www.microsoftvirtualacademy.com/liveevents/preparing-your-enterprise-for-windows-10-as-a-service?MC=Windows&MC=WinServer&MC=DevOps&MC=EntMobile&MC=DOS">http://www.microsoftvirtualacademy.com/liveevents/preparing-your-enterprise-for-windows-10-as-a-service?MC=Windows&MC=WinServer&MC=DevOps&MC=EntMobile&MC=DOS</a>

- Short blog from Nabeel Youakim an Unprecedented Moment in IT History
  - http://blogs.citrix.com/2015/07/13/an-unprecedented-moment-in-it-history/
- Citrix Pressrelease Windows 10
  - <a href="https://www.citrix.com/news/announcements/jul-2015/citrix-accelerates-windows-10-adoption-and-simplifies-migrations.html">https://www.citrix.com/news/announcements/jul-2015/citrix-accelerates-windows-10-adoption-and-simplifies-migrations.html</a>
- Three \ Citrix / Steps to Windows 10
  - http://blogs.citrix.com/2015/07/14/three-steps-to-windows-10/
- Citrix Receiver for Windows 10
  - http://blogs.citrix.com/2015/07/08/receiver-for-windows-4-3-enables-windows-10-and-framehawk/
- Citrix VDA for Win10 Win10 as Virtual Desktop
  - XenDesktop Virtual Delivery Agent Technical Preview for Windows 10
- App DNA migrate apps to Windows 10
  - http://blogs.citrix.com/2015/07/14/moving-apps-to-windows-10-appdna-can-help/

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