

# Introducing ShadowSnap™

Datto's new agent **ShadowSnap™** (codeveloped with **StorageCraft**) takes the superior **Inverse Chain Technology** of former SnapToVM and makes it better, offering all the added benefits below:

	<i>AppAssure SnapToVM</i>	<b>StorageCraft ShadowSnap™</b>
<b>Primary Backup Method</b>	<i>Application Aware VSS</i>	<b>Application Aware VSS</b>
<b>Secondary Backup Method</b>	<i>None</i>	<b>StorageCraft Backup Service</b>
<b>Backup Engine</b>	<i>Replay 5 (Unreleased)</i>	<b>ShadowProtect 4.1.5</b>
<b>VMDK Format</b>	<i>Monolithic Sparse (VMWare Workstation Native)</i>	<b>Monolithic Flat (ESX/ESXi Native)</b>
<b>Image Chain Format</b>	<i>Datto Inverse Chain Technology</i>	<b>Datto Inverse Chain Technology</b>
<b>Instant On-Site Virtualization</b>	<i>Yes</i>	<b>Yes</b>
<b>Instant Off-Site Virtualization</b>	<i>Yes</i>	<b>Yes</b>
<b>2TB+ Volume Support</b>	<i>No</i>	<b>Yes</b>
<b>Software RAID and Dynamic Volumes</b>	<i>No</i>	<b>Yes</b>
<b>GPT / uEFI Support</b>	<i>No</i>	<b>Yes</b>
<b>Windows 2000 Support</b>	<i>No</i>	<b>Yes</b>
<b>70% Smaller Incrementals</b>	<i>No</i>	<b>Yes</b>
<b>64-Bit System Backup Speed</b>	<i>~50 MB/s</i>	<b>~80 MB/s</b>
<b>Automated Push Install</b>	<i>No</i>	<b>Yes</b>
<b>Prerequisites</b>	<i>.Net 4.0 MS Visual C++ Redistributable</i>	<b>None</b>
<b>Multiple Simultaneous File Mounts and Restores</b>	<i>No</i>	<b>Yes</b>
<b>Automatic Upgrades</b>	<i>No</i>	<b>Yes</b>
<b>Bare Metal Restore</b>	<i>AppAssure Boot CD</i>	<b>Datto Network/USB BMR</b>
<b>Deduplicated Full Backups</b>	<i>Yes, Post Processing (Requires enough space for Full)</i>	<b>Yes, Inline (No additional space needed)</b>
<b>SQL + Exchange Support</b>	<i>Yes</i>	<b>Yes</b>