## **Cloud Migration Considerations Checklist**

Assess your existing situation: infrastructure, licensing, staffing	<ul> <li>Where are you near end of life on existing hardware, leases, warranty, or support agreements?</li> <li>Is it time to renew software enterprise agreements?</li> <li>Can you take advantage of more flexible subscription or service provider licensing models?</li> <li>Where the automation and management of the cloud free up IT staff?</li> </ul>
Which back-office apps could leverage unique cloud capabilities?	<ul> <li>Look at apps that require fault-tolerance such as CRM and ERP to tap into built-in DR</li> <li>Inherently distributed apps like mail have inherent cloud capabilities; Look at full Exchange environment or hosted exchange based on your needs to customize (full Exchange in the cloud is customizable)</li> <li>Easily migrate terminal server or browser based apps—SharePoint, Drupal, Joomla</li> </ul>
Can you use the cloud to open new markets?	<ul> <li>Where can you reduce cost of sales, cost of support or create new markets with legacy apps?</li> <li>Which customer facing apps could you serve online (SaaS) to reach new customers or serve internal customers better?</li> <li>Can you leverage the cloud as a fast path to multitenancy? Single tenant c/s app can be served multitenant in the cloud without costly re-architecting.</li> </ul>
Assess your security requirements to understand implications	<ul> <li>Understand what data and apps need to be held via SAS 70 Type II audited, HIPAA and PCI compliant systems</li> <li>Can you access data over the public internet or do you require a secure connection?</li> <li>For a secure connection, asses your need for persistent VPNs, private VLANs, extending AD or LDAP</li> <li>Extending Active Directory or LDAP authentication for your apps necessitates a secure vLAN or secure point to point connection</li> </ul>



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Plan migration to minimize impact/downtime— practice good change management	<ul> <li>□ Think about frictionless processes that leverage the flexibility of the cloud</li> <li>□ Develop internal awareness plan to enable internal business customers to easily provision the services that they need (self-service intranet portal?)</li> <li>□ Consider internal bill-back. Make sure your cloud provider has sub-account processes that automate charge backs for you</li> <li>□ Plan for a new customer support model with your new solution; Make sure you can focus on your competencies, not managing the infrastructure; Look for a complete enterprise cloud platform</li> <li>□ Easily test the waters—transfer just one application to the cloud, or move your whole back office quickly and easily</li> </ul>
Find an enterprise grade cloud provider that meets security and performance requirements	☐ See the detailed Enterprise Cloud Provider Checklist

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