

Blue River Cloud Solutions

Fast, Secure, High Availability

Blue River Executive Summary of Capabilities

Federal Enterprises must consolidate resources to contain spending as to comply with the White House CIO mandate to shift 25% of the IT Budget to the Cloud by 2015. Blue River Information Technology focuses on the macro level consolidation of datacenters by approaching elements which are most repetitive, most resource intensive, and with most administrative overhead:

- Virtualized Desktops (VDI)
- Microsoft SharePoint
- Microsoft Exchange
- On-Demand Storage DR/COOP
- Security & Insider Threat Monitoring

All delivered with premier WAN Application, Acceleration, and Optimization Technologies.

Blue River hosts a team of elite storage & network engineers whose expertise combines the “best of breed” solutions within these specialized categories: Infrastructure, centralized data management, System Software/Applications, Disaster Recovery, Virtual Infrastructure, WAN Optimization, Network Monitoring & Visibility, IT Security, Applications, and Application Optimization/Acceleration.

Blue River Blue Cloud Solutions can assist with Cloud Computing in order for you to realize these noted benefits:

- Return to Your Mission – Blue River Cloud Solution Management Services will enable you to “return to your mission” and release the management burdens of IT staffing, equipment/software refresh requirements and the budget choking costs to maintain same. Focus on your Mission!
- Agility – Blue River offers the ability to rapidly and inexpensively re-provision your technological resources without having to “reinvent the wheel” each time you refresh your infrastructure.
- Multi-tenancy – Blue River enables sharing of resources and costs across a large pool of users thus allowing for substantial savings to you, our customer. Substantial savings each year going forward.
- Reliability - Multiple redundant sites are used, which makes our cloud computing solutions suitable for your business continuity and disaster recovery.
- Scalability – Blue River provides via dynamic (“on-demand”) provisioning of resources on a fine-grained, self-service basis near real-time, relieving our customers of the burdensome task of having to engineer for peak loads. Performance is monitored, consistent and loosely coupled architectures are constructed using web services as your system interface.
- Security – Blue River improves your security as we are able to devote resources to solving security issues that individually, many of our customers cannot afford.
- Maintenance – Blue River provides enterprise level application maintenance is easier delivered uniformly ensuring the necessary changes reach our clients, your users.

1560 Wilson Boulevard, Suite 900, Arlington, VA 22201 • 1.877.505.2748 • BlueRiverIT.com



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Virtualized Desktops (VDI) Desktop virtualization is an attractive concept because of its potential to streamline management and support, enhance security and – hopefully – reduce IT costs. But, in reality, implementing virtual desktop infrastructure (VDI) requires too much upfront capital and complicated integration to make it feasible for most organizations. As a result, despite VDI's advantages, implementations are lagging. By leveraging Blue River's cloud-based architecture, enterprises can on-ramp quickly to virtual desktops, add or remove desktop capacity on-the-fly, and immediately realize VDI's centralization, security and ease of management benefits. There's no need for building an infrastructure and no complexity to manage or upgrade.

Microsoft SharePoint 2010 With Blue River's SharePoint Cloud Service, organizations realize the benefit of appropriate computing and storage scalability in conjunction with SharePoint site design, customization, and governance. There's no need to utilize multiple providers in order to accomplish the two. SharePoint 2010 is the business collaboration platform for the Enterprise and the web that enables you to contact and empower people through an integrated set of rich features. Blue River's hosted SharePoint can save you over 50% or more than it would cost you in house. Blue River hosts your SharePoint in a SAS70 and PCI & HIPAA compliant data center to assure stability and security for government agencies. Scalability and on-the-fly migration as well as instantaneous fail-over are incorporated into our SharePoint delivery model along with fully redundant systems, firewalls, intrusion prevention systems, anti-virus, and active monitoring.

DR/Storage as A Service Blue River provides on demand, cloud storage platforms utilizing NetApp award winning technology offering disaster recovery protection for your business-critical data with the flexibility, reliability and scalability of the Blue River Storage Cloud. Blue River connects to your NetApp storage arrays and protocols for any application in both virtual and traditional environments in a variety of configurations with the dedicated services of our Award Winning NetApp Certified Engineering Team. Blue River utilizes the NetApp key data management tools such as: SnapManager®, SnapVault®, SnapMirror®, NearStore®, NetApp Data Motion®, & Open Systems SnapVault (OSS) With experience gained over years of Storage implementations, Blue River utilizes WAN optimization technologies to make Cloud Storage a reality. Whether replicating data or applications writing data, WAN optimization eliminates the challenge of WAN latencies and accelerates WAN rates in orders of magnitude.

Managed Exchange Email Messaging is now a mission-critical application for business—but delivering a feature-rich messaging service is challenging. Blue River's Managed Exchange is based on Microsoft Exchange Server 2010. Managed Exchange helps deliver the messaging protection your company demands and the anywhere access employees want. Managed Exchange leverages our knowledge of Microsoft products, best practices developed with customers and partners, and experience to deliver a world-class, mission-critical service. ASE handles setup, provisioning, ongoing maintenance and upgrades of your Exchange Server infrastructure, reducing your team's IT workload and freeing IT resources to focus on core strategic initiatives that move your business forward.

Insider Threat Managed Services Implementing an Insider Threat solution as a managed service will allow your organization to secure your sensitive and classified data quickly, without leveraging large capital funds or worrying about additional training costs or expensive software and hardware upgrades over time. With Blue River all you need to address is the recurring monthly or quarterly operating costs to implement a managed service that is designed to prevent, detect, monitor, deter, and report on Insider Threat incidents or suspicious activity. We have provided solution recommendations which validates a Federal Agency can implement a complete Insider Threat solution as a managed service for as little as 32¢ per employee per day. Depending on your organization's size and Insider Threat requirements, your agencies per employee cost could be lower.

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