



Cisco Unified Computing System Services

Creating a Highly Effective Data Center

At the end of the day, the data center must make sure that business imperatives get done – that a retailer’s shelves are stocked with the right goods at the right time, and that a customer can make a purchase. That a mining company’s trucks arrive at the right time to load ore. That the contact center can access a caller’s information.

Cisco Unified Computing System™ (Cisco UCS®) is designed to help you make sure your data center can support the imperatives of your business. But you may have questions about the most effective way to implement it, such as “How do we keep virtualized systems secure?” Or “How can we automate provisioning of new services?” Or “How do we test the implementation before we go live?”

Cisco® Unified Computing Services help you deploy Cisco UCS in your business, taking into account your specific needs and ways of operating, to create that highly effective data center. We can help you get Cisco UCS up and running quickly and make the most of your investment in your data center. We and our partners bring to this process native, deep-dive knowledge of Cisco UCS, as well as years of experience working with Cisco UCS deployments at organizations all over the world. We apply that knowledge to help you succeed.

Our Cisco UCS Services can help you create an agile infrastructure, speed time to value, reduce deployment costs and risks, and maintain availability during deployment and migration. Post-deployment services can help you improve performance, availability and resiliency as your business needs evolve and mitigate risk further. These support services can apply to the Cisco UCS infrastructure itself, as well as data center services created with your Cisco UCS installation.

Services to Help You Plan, Build, and Manage

Cisco Services employ a lifecycle approach, helping you plan, build, and manage your Cisco UCS deployment. The services include:

- **Cisco UCS Architecture Assessment:** We develop optimal Cisco UCS deployment scenarios based on your requirements and pain points.
- **Cisco UCS Pre-production Pilot:** We help you install Cisco UCS, migrate servers, deploy applications, develop and execute a test plan, and implement use cases. We also provide best practice implementation methodology and mentor you on Cisco UCS architecture, design, features and capabilities specific to your environment.
- **Cisco UCS Accelerated Deployment:** We provide planning, design, and implementation services for a standard Cisco UCS configuration.

Business and Technology Benefits

- Assistance in making sure that network elements work together
- A strategic approach to rolling out new services consistently
- Smooth, on-time deployments
- Improved management and troubleshooting
- Guidance, including best practices, in virtualizing your application environment
- Identification and mitigation of issues – before they impact your business

“Having direct access to Cisco engineers as we build up and mature this platform has been incredibly beneficial. This kind of support is instrumental, not just in getting this endeavor rolled out, but in promoting our future growth as well.”

Tim Myers

Vice President,
Cloud Technology, Cbeyond

“With a common reference architecture, we can provision services rapidly and have a single pane of glass for monitoring and management. It sets us up to be more proactive, strategic, and cost-effective when delivering services to our remote sites.”

Bert Odinet

CIO, Freeport-McMoRan

- **Unified Computing – Data Center Onsite Consulting:** We provide technical advice and guidance for a specific installation and initial configuration of Cisco UCS.
- **Cisco UCS Data Center Optimization:** You can choose to have us provide a Cisco UCS architecture assessment, configuration and performance audit, disaster recovery review, leading practices audit, application dependency mapping, on-site consulting support, health check, operational enhancement assessment, system integration support, SAP HANA health check, and application workshop.

Supporting Your Specific Business Needs

Cisco UCS Services help you in concrete ways to help your data center support your business. For example, we can help you deploy Cisco UCS to create a virtualized data center and use it for cloud computing or desktop virtualization, if doing so will give your business more flexibility. We can help you use Cisco UCS to create and remove services quickly as business needs change and also make optimal use of your infrastructure. We can help you integrate services and standardize them globally using your Cisco UCS installation. Overall, these services can help ensure you have the tools and processes to effectively operate your Cisco UCS deployment. They can also help you secure data and operations.

Our services are personal, tailored to your data center and your company. We offer you a workshop where we discuss your needs. We help you plan and carry out your pre-production pilot so you can validate the design and implementation. We offer on-site assistance. And we can be there on Day 2, after Cisco UCS is operating.

Case Studies

Freeport McMoRan, a global mining company, implemented centralized, worldwide delivery of applications and services. Cisco Services helped it implement and test a Cisco FlexPod solution that includes Cisco UCS, NetApp storage, and VMware virtualization solutions. This foundation can support all of Freeport McMoRan’s common business processes.

<http://www.cisco.com/web/services/it-case-studies/freeport-mcmoran-virtual-data-center-case-study.html>

Cbeyond, a managed services provider based in Atlanta, wanted to roll out an integrated managed hosting and cloud services business using Cisco UCS. The support from Cisco Services allowed Cbeyond to deploy the cloud service platform so as to save two months in time-to-market, providing the company with a greater opportunity for new revenue.

http://www.cisco.com/c/dam/en/us/solutions/collateral/switches/catalyst-6500-series-switches/cbeyond_external_casestudy_fnl_09_07_13.pdf

Next Steps

For information about Cisco Services, visit www.cisco.com/go/dcservices.