

Consulting Services
Statement of Work

Prepared for

Deschamps

Created:

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Project Definition

Project Summary

Data center integration of Cisco's UCS server blades and Nexus 7000 network with EMC NS120 storage and Data Domain. Implementation will cover from Vmware with Virtual Desktop to Symantec backup and TrendMicro.

Project Contacts

Customer Contact Information	
Name:	Gary Berridge
Title:	
Email:	gberridge@edfsa.ht
Address:	Haiti
Phone:	202-301-0905
UDT Contact Information	
Name:	Miguel Falla
Title:	Sr. Account Manager
Email:	Miguel.Falla@udtonline.com
Address:	8825 NW 21 Terrace Doral Florida 33172
Phone:	305.282.3409

Key Project Dates

Customer requests the following timeline for project deliverables. UDT will make every attempt to meet the dates requested. Please note that critical factors (such as those listed above) impact UDT's ability to meet certain dates.

Project Start Date: 11/28/2011
Project Completion Date: 12/2/2011

Key Project Contingencies

- Deschamps will provide adequate workspace for UDT engineers to execute this project.
- Deschamps will have power installed (APC) at the facility
- Deschamps will provide access to all relevant equipment and areas needed to execute this project.
- Deschamps will have A/C units working to provide a climate control environment.
- Deschamps will provide network connectivity to the internet.
- Deschamps will provide access to staff for all questions related to this project.

Key Project Assumptions

- UDT will only work on-site integrating the equipment for the data center.
- Deschamps will provide client hardware to use in the virtual desktop environment.
- UDT will only work with the applications integrated in this project.

Key Project Milestones

- Cable and power up network, server and storage equipment
- Startup Servers operating system, network connectivity and storage access.
- Test and verify equipment & application functionality.

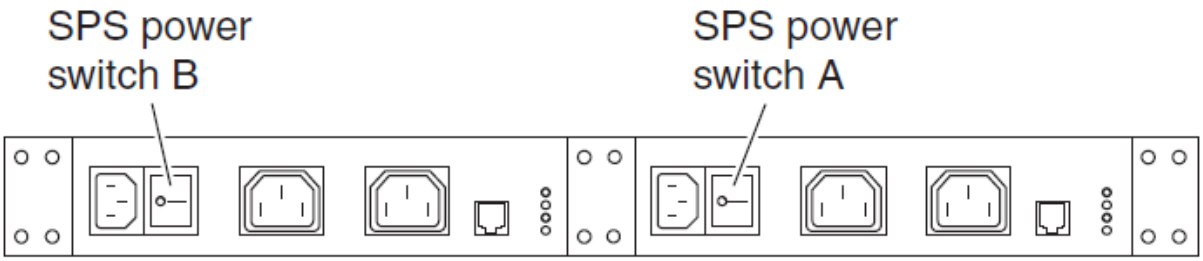
Key Project Milestones Details

Power on the Infrastructure

- On the far right cabinet, find the breaker Labeled Q2.
- Flip the Q2 breaker to the On Position.
    - This will bring the Cisco equipment online
        - Cisco Nexus 7010
        - ASR Router
        - Firewall
        - UCS Chassis
- Wait 10 minutes for cisco networking components to power up

Power up the EMC NS120

- Connect power cables to the DAE's
- Use the SPS power switches to power on the array. Turn on (-- position) the power switch on the standby power supplies (SPSs). Wait five minutes to allow the storage system to power up.



- Connect the power cables to the Data Movers. Wait 5 minutes to allow the DM's to power up.
- Connect the power cables to the Control Station. Wait 5 minutes to allow the CS to power up.
- From the command prompt, do a ping -t 10.1.1.50 and wait for the control station to reply.
- From a browser, go to http://10.1.1.50 to access the control station.
    a. Login as nasadmin.
    b. From the Celerra Manager Home page, make sure a green check and OK appear beside System Status and Hardware Status.
    c. Verify that the blades have booted successfully:
    d. Sample output for systems with 2 blades and a single CS:

Power on the Host Servers

1. Login to the Cisco UCS Manager – 10.1.1.10.
2. Navigate to Equipment> Chassis> Chassis 1> Servers.
3. Right click and select Restart on each server in the list.
    a. Wait 10 minutes for all the servers to power on

Power on the Virtual Servers

1. Connect to Host 1 with the viClient software – 10.1.1.81
2. Power On DES-DC01.
3. Power on DES-SQL01
4. Power on DES-vCenter01
5. Log off each Server's Console
6. Power on all necessary virtual servers
    a. Select each host
    b. Click on Virtual Machine tab
    c. Right click on virtual servers
    d. Select Power On

Startup servers, network and storage

1. Connect to vCenter with the viClient software –
    a. Verify vCenter opens with no errors
    b. Verify ESX host are operational in a cluster
    c. Verify ESX host have access to the storage
    d. Verify ESX host have access to the network
2. Log in to the Nexus 7000 verify is fully operational with no errors
3. Log in to the NS120 Navisphere and verify is fully operational with no errors
4. Log in and verify Virtual Desktop environment.
5. Log in to Domain Controller and verify is running with no errors
6. Log in to the SQL and verify is running with no errors
7. Log in to the TrendMicro and verify is running with no errors
8. Log in to the Data Domain and verify is running with no errors

Test servers, network and storage

1. Deploy an image to a client device provided by Deschamps and successfully log in.
2. General knowledge transfer of:
    - Server operation
    - Storage operation
    - Virtual Server environment
    - Virtual Desktop environment

Time and Cost Estimates

UDT pricing for this engagement is provided on a fixed-fee, single project basis regardless of the actual number of engineers or hours reasonably required to complete the work. Pricing for this Professional Services Engagement is $ Payments are to be made on a per milestone basis; due upon completion.

UDT will invoice Customer for the actual cost of all travel expenses (e.g. hotel, meals, rental car, flight, incidentals, etc.) incurred by its engineers and staff while completing this project. UDT will provide copies of original receipts and/or invoices for all expenses.

Work Hours

UDT consulting services will be performed between 8:00am and 5:00pm (local time), unless after-hours or weekend work is requested or required.

After-hours required?	No
Weekend hours required?	No

UDT has made every attempt to accurately estimate the total project cost and number of engineers required to successfully complete the project. If impediments or complications arise that are out of the control of UDT, the length of the project could be impacted.

Scheduling

UDT requires a signed Purchase Order and Consulting Service Statement of Work before it can schedule any consultant to begin a project.

Warranty

All Services shall be performed by UDT in a professional and workmanlike manner and will be in accordance with the industry standard for providing similar services. UDT shall comply with Customer's (i) safety and security rules and other rules applicable to those working in Customer's facilities, and (ii) Customer's policies concerning access to and security of any Customer-owned information technology system to which Company may have access. UDT warrants that it is free to enter into this Agreement and perform the consulting services of this Agreement. Except for those warranties provided herein, UDT disclaims all other representations or warranties. In no event shall UDT or Customer be liable for indirect, special, incidental or consequential damages of any kind, including without limitation, lost profits.

Limitation of Liability

UDT's or Customer's maximum liability for any action, regardless of the form of action, whether in tort or contract, arising under this agreement shall be limited to the amount of services fees paid by UDT and Customer hereunder. The services provided by UDT under this agreement are point in time advisory and security controls implemented as a result of this statement of work do not imply or in any way guarantee the integrity, confidentiality, and availability of Customer's information technology resources, systems or data. UDT follows current industry best practices, compliancy or otherwise, pertaining to and for information technology security and the mitigation of risks or vulnerabilities. Vulnerabilities and attacks evolve over time as do control measures for detection and prevention. Information technology security requires a holistic approach and an ongoing process of risk assessment and policy review to be fully effective. Both parties agree to indemnify and hold each other harmless for any injuries to persons or property caused by the intentional and willful acts or gross negligence of each party in the performance of services under this Agreement

Confidentiality

Customer and UDT shall agree that all information which is disclosed by either party to the other which is identified or reasonably understood to be confidential or proprietary, shall be treated by both Parties as strictly confidential. Both Parties agree that at no time or in any manner, either directly or indirectly, shall the information be divulged, disclosed or communicated in any manner to any third party, except on a need to know basis only in connection with services rendered under this Agreement. Proprietary information shall not be deemed to include information that (a) is in or becomes in the public domain without violation of this Agreement, or (b) is already in the possession of, or was rightfully known without an obligation to maintain its confidentiality prior to receipt, or (c) is rightfully received from a third entity having no obligation on confidentiality. The confidentiality provisions of this Agreement shall remain in full force and effect after the termination of this Agreement. Within thirty (30) days

after termination of this Agreement, each party shall certify in writing that all copies of confidential information have been returned or destroyed.

UDT shall be an independent contractor with respect to Customer and is not an employee of Customer. UDT shall not have the right to bind Customer to any party or contract. Except as provided herein, Customer shall not have the right to direct or control the means by which UDT achieves the results it is to accomplish pursuant to this Agreement. UDT, its employees and agents shall not be entitled to receive any compensation, benefits or other incidents of employment from Customer as a result of this Agreement. UDT shall be responsible for all taxes and other expenses arising from providing services hereunder. UDT shall maintain workers compensation insurance in the amount required by the laws of the state in which the services are being performed, if required. UDT shall also maintain Commercial General Liability Insurance with a minimum combined single limit of $1,000,000 per occurrence covering personal injury and property damage, Employer's Liability Insurance with a minimum combined single limit of $1,000,000, and Commercial Automobile Liability Insurance for any motor vehicle, covering bodily injury and property damage with a minimum combined single limit of $1,000,000.

This Agreement is not assignable by any of the parties hereto, except with the written permission of the non-assigning party. This Agreement contains and accurately recites the complete and entire agreement among the parties, and it expressly terminates, cancels, and supersedes any and all prior agreements or understandings, whether oral or in writing, if any, among the parties. The waiver by either party of a breach or violation of any provision of this Agreement shall not constitute a waiver of any subsequent or other breach or violation. This Agreement shall be governed by Tennessee law, without regard to the choice or conflict of law provisions thereof. This Agreement may not be modified except in a writing signed by the parties.

Approval

CUSTOMER

Name: _____

Address: _____

Signature: _____

UNITED DATA TECHNOLOGIES, INC.

Name: _____

Address: _____

Signature: _____