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Provide Support And Assistance Task 3.1.2.1.: Year 2 Report

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INSTITUTE FOR SIMULATION AND TRAINING

Contract Number N61339-94-0024
CDRL A005
STRICOM
February 22, 1996

Provide Support and Assistance Task 3.1.2.1 Year 2 Report

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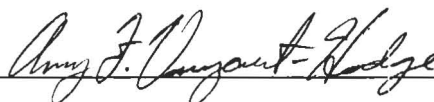Division of Sponsored Research

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Provide Support and Assistance Task 3.1.2.1 Year 2 Report

IST-TR-96-10
February 22, 1996

Prepared For:
STRICOM
N61339-94-C-0024
CDRL A005

Prepared By:
Amy F. Vanzant-Hodge

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Scott H. Smith

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1   Introduction

This report is a deliverable item, CDRL A005, under subtask 3.1.2.1, " Provide Support and Assistance," for the U.S. Army Simulation, Training, and Instrumentation Command (STRICOM) contract #N61339-94-C-0024, entitled "TRIDIS: Testbed For Research In Distributed Interactive Simulation."

This report provides a detail list of the equipment purchased by the Institute For Simulation And Training (IST) and installed at.the STRICOM facility to create a testing lab. IST worked with the COTR to identify the hardware and software desired, purchased that which we were able to, and installed the equipment and corresponding network to connect the various machines. Each piece of equipment is listed with the purchase date and the length of the warranty for that equipment. Most software listed has associated version numbers.

2   Equipment List

Serial #	Description	Warranty Expiration	Software Versions
951933131	9090MB Seagate SCSI2F Drive (PO601981)	11/30/2000 (5 yr)	
JPGJ033524	HP LaserJet 4M Plus Printer (PO 601957)	8/18/96 (1 yr)	
08006909B360	Indigo2 Webforce High Impact Graphics (PO 601980)	12/28/95 (90 days)	IRIX 5.3
080069093B48	Indigo2 Webforce High Impact Graphics (PO 601980)	12/28/95 (90 days)	IRIX 5.3
DR00N7D	4GB 4MM DAT Drive in External Box (PO 602067)	9/19/2000 (5 yr)	
N/A	Netmanage Chameleon NFS for Windows (PO 601957)		?
N/A	HP Openview Traffic Monitor for Windows (PO 601957)		Windows version
N/A	Microsoft Office Professional for Windows (PO 601957)		V.4.3 CD-ROM
531F05FB	Sun SparcStation 20 Model 50 (CS 2351)		SOLARIS 2.4
	Sun 8mm Tape Drive (CS 2351)		
58VJD	Dell OptiPlex 5120XMT (CS 02613)	9/12/98 (3 yr)	
J352827882	17" ViewSonic Monitor (CS 02613)	9/12/96 (1 yr)	
13171	Hummingbird Exceed/NT-XDK (LPO 70818)		Intel 4.1.1

Serial #	Description	Warranty	Software Versions
N/A	Intel Ether Express Flash-32 Adapter (Qty 2) (PO 602522)		
B95097295983	APC Smart-UPS 1250 (PO 603285)	11/3/97 (2 yr)	
95107448535	APC Smart-UPS 1250 (PO 603285)	11/14/97 (2 yr)	
595035666258	APC Smart-UPS 400 (PO 603286)	11/9/97 (2 yr)	
N/A	Phone/Headset 900mhz (Qty 2) (PO 603286)	11/6/96 (1 yr)	
N/A	Transceivers (5), ST Connectors (2) and Cat 5 Modular Plugs (100)	Lifetime	
N/A	Altec Lansing Speakers (LPO 73003)	11/1/96 (1 yr)	
N/A	4mm Tapes (10) and 8mm Tapes (10) (LPO 73001)	No	
N/A	ProDev/C++ Bundle (Part of SGI Equipment-PO 601980)		IRIX 5.3

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3   Lessons Learned

The role of providing equipment and software setup and support is not something IST usually does for others, but is something we do on an everyday basis within IST. This task was very straight-forward and only produced a few unusual circumstances.

The first was the order of the Silicon Graphics hardware. The requested hardware, the High Impact Graphics machines, were back ordered for several months. To compensate, SGI offered a lower performance system with more memory and an upgrade when it became available. Because the equipment was needed immediately, this was accepted. As time progressed, it became evident that the back order may last longer than the contract. Because IST originally purchased the equipment, we needed to make sure that the upgrade would transfer to STRICOM when all the equipment was transferred to STRICOM. This eventually became a non-issue when the upgrade arrived at IST prior to the end of the contract and was installed. However, this situation proved to be a learning experience to both parties on equipment purchase and transfer.

Another situation which IST could not resolve was the purchase of NetScape. NetScape is given to universities free and since IST is part of the State University System, NetScape refused to sell IST a license for STRICOM. Therefore, IST was not able to purchase NetScape and recommended that STRICOM proceed with this on their own.

In most instances of system configuration problems, hardware trouble, and general system admin, IST supported the lab on an as needed basis. IST was able to provide quick response time, usually within 24 hours or less once a call was received. When a hard disk crashed, IST was able to replace it very quickly by using a similar disk that was a backup for the TRIDIS project.

4   Conclusion

The goal for the second year of this task was to set up a test lab in the STRICOM facility by purchasing the hardware and software, installing a network, installing the hardware and software, and transitioning the administration of the lab to STRICOM personnel. This has been accomplished with very few problems which, except for NetScape, have been easily resolved.