

AD _____

Award Number: MIPR OEC5DTM0078

TITLE: Organizational TeleCardiology

PRINCIPAL INVESTIGATOR: Marina Vernalis

CONTRACTING ORGANIZATION: Walter Reed Army Medical Center
Washington, DC 20307-5001

REPORT DATE: May 2000

TYPE OF REPORT: Midterm

PREPARED FOR: U.S. Army Medical Research and Materiel Command
Fort Detrick, Maryland 21702-5012

DISTRIBUTION STATEMENT: Approved for public release;
Distribution unlimited

The views, opinions and/or findings contained in this report are those of the author(s) and should not be construed as an official Department of the Army position, policy or decision unless so designated by other documentation.

20011207 022

REPORT DOCUMENTATION PAGEForm Approved
OMB No. 074-0188

Public reporting burden for this collection of information is estimated to average 1 hour per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing this collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden to Washington Headquarters Services, Directorate for Information Operations and Reports, 1215 Jefferson Davis Highway, Suite 1204, Arlington, VA 22202-4302, and to the Office of Management and Budget, Paperwork Reduction Project (0704-0188), Washington, DC 20503

1. AGENCY USE ONLY (Leave blank)		2. REPORT DATE May 2000	3. REPORT TYPE AND DATES COVERED Midterm (15 Feb 00 - 30 Ap 00)		
4. TITLE AND SUBTITLE Organizational TeleCardiology			5. FUNDING NUMBERS MIPR OEC5DTM0078		
6. AUTHOR(S) COL Marina Vernalis					
7. PERFORMING ORGANIZATION NAME(S) AND ADDRESS(ES) Walter Reed Army Medical Center Washington, DC 20307-5001 E-MAIL: marina.vernalis@amedd.army.mil			8. PERFORMING ORGANIZATION REPORT NUMBER		
9. SPONSORING / MONITORING AGENCY NAME(S) AND ADDRESS(ES) U.S. Army Medical Research and Materiel Command Fort Detrick, Maryland 21702-5012			10. SPONSORING / MONITORING AGENCY REPORT NUMBER		
11. SUPPLEMENTARY NOTES					
12a. DISTRIBUTION / AVAILABILITY STATEMENT Approved for public release; Distribution unlimited			12b. DISTRIBUTION CODE		
13. ABSTRACT (Maximum 200 Words)					
14. SUBJECT TERMS			15. NUMBER OF PAGES 3		
			16. PRICE CODE		
17. SECURITY CLASSIFICATION OF REPORT Unclassified			18. SECURITY CLASSIFICATION OF THIS PAGE Unclassified	19. SECURITY CLASSIFICATION OF ABSTRACT Unclassified	20. LIMITATION OF ABSTRACT Unlimited

NSN 7540-01-280-5500

Standard Form 298 (Rev. 2-89)
Prescribed by ANSI Std. Z39-18
298-102

MidTerm Overall Evaluation Report

PROPOSAL: 1999000179

TITLE: Operational TeleCardiology

1. ACCOMPLISHMENTS:

Have successfully implemented several phases of deployment model: 1) Setup, installation, and placement on each LAN of two NT servers with MS Exchange 5.5 and preparation and setup of the viewing and capture stations. 2) Installation and testing of the mission-critical application Med-Vizer on the exchange platforms, which have included two NT exchange servers, three NT viewing stations, and one Windows 98 capture station. 3) Test transfer of the internal LANs to simulate SMTP processes through each LAN's exchange server. Program contents updates have occurred three times: 1) Re-writing of programming code to meet security criteria of Army-wide mandate proposing all e-mail transfers to be conducted via SMTP instead of POP3. 2) Update of complete content information of Med-Vizer program due to incorrect spelling terminology of specific medical terms. 3) Planed update of the patient medical record form in the Med-Vizer program.

2. PROBLEMS:

Program contents updates have occurred three times: 1) Re-writing of programming code to meet security criteria of Army-wide mandate proposing all email transfers to be conducted via SMTP instead of POP3. 2) Update of complete content information of Med-Vizer program due to incorrect spelling terminology of specific medical terms. 3) Planed update of the patient medical record form in the Med-Vizer program.

3. LIFE-CYCLE:

Second half of the project like cycle involves the actual transfer of live patient data, with echo reading being captured at Dewitt Army Hospital in Ft. Belvior, VA by a contracted echo technician. These readings will be transferred via SMTP accross a TI WAN link to WRAMC for final interpretation and review through specified viewing stations. Finalized consult report input parameters are now to be incorporated in DCI proposal for review.

4. DELIVERABLES:

Recieved two Dell exchange servers with NT and one capture station running Windows 98 with capture board and LCD screen. Have also recieved Med-Vizer program and updated content patch. Awaiting final documentation from Vital-Net for the Med-Vizer application.