

Weekly Project Status

FCCJ - ORION II

Date: 9/16/2003

Project Manager: Julie Rowe

Project Team: Robert Scott Sr Programmer Analyst / Backup PM
 Bob St. Leger Sr Systems Engineer
 Patrick Grayson Sr Programmer Analyst
 Dave Gahrng Sr Programmer Analyst

Project Scope

Software AG Professional Services, in cooperation with FCCJ IT staff, are in the process of migrating the FCCJ ORION application (site-specific version of the FCCSC Integrow application) from the current VM/VSE platform to a Sun Solaris UNIX environment. Web Services will be developed to expose all ORION functions to the Internet. A replacement solution will be developed for Treehouse products tRelational and DPS to support the newly developed user reporting function.

A methodology will also be delivered to provide a seamless process for accepting new versions of the FCCSC Integrow application and migrating the updates to the Unix platform.

Tasks Completed

- Continued correcting/modifying Natural code and addressing Natural Security and DDM renumbering issues
- Delivered draft of high-level architecture design document for tRelational/DPS replacement
- Continued JCL analysis, researched issues
- Meeting to discuss MF printer definitions and plan for Unix printer definitions
- Continued online Unit Testing

Tasks Planned

- Complete VSAM and other critical non-Adabas file inventory, develop estimates and plan for conversion
- Continue correcting/modifying Natural code
- Online Unit Testing

Follow-ups

Description	Assigned	Requested By	Closed	Owner
<p>Are there any additional Cobol routines outside of the Wolffpack system which need migrated to Unix</p> <p>JR – total of 34 routines identified to date 8/29</p>	Paul Freeman / Ed Gonzalez	8/19/03		Patrick Grayson / Julie Rowe
<p>Need Cobol compiler</p> <p>JR – PO prepared and ready to be sent, MicroFocus Cobol selected</p> <p>JR – some confusion has arisen over this procurement, need clarification from Paul and estimate for delivery</p>	Paul Freeman	8/29/03		Julie Rowe
<p>Need SyncSort software</p> <p>JR – software onsite 8/19/03, given to Don Harris for install</p> <p>JR – installation delayed by Don Harris until Cobol compiler is received</p>	Paul Freeman / Don Harris	8/18/03		Julie Rowe
<p>Need to define printers to Unix</p>	Don Harris	10/30/03		Julie Rowe
<p>Need to define users to Unix</p> <p>JR – SAG will provide document for recommended security definitions by 9/21</p>	Don Harris / Julie Rowe	10/30/03		Julie Rowe
<p>Meeting with users to discuss System Test Plan</p> <p>JR – Paul met with users the week of 8/11 and is collecting test info from each group</p> <p>JR – Julie will create a Change Request</p>	Paul Freeman	8/22/03	8/23/03	Julie Rowe

to assign Test Plan responsibility to FCCJ				
<p>Tape/Disk Management procedures discussion / standards for ORION II work files</p> <p>JR – E12K currently has DLT attached, interface inventory will determine if other devices or services are required for tape. All Work files will go to a single directory to be identified in the standards document</p>	Bob St. Leger / Don Harris	9/12/03		Julie Rowe
FCCJ staff to complete file inventory list sorted by high-level qualifier	Paul Freeman / FCCJ staff	9/5/03		Patrick Grayson
<p>Set up meeting with Payroll users to discuss use of old Cobol system</p> <p>JR – requested this meeting for the week of 9/15</p> <p>JR – meeting scheduled for 9/15, 9:30-10:30, ITS Conference Room Martin Center</p> <p>JR – met with Payroll users 9/15, users providing demo of required Cobol screens, Patrick will provide scope and estimate to deliver re-write in Natural</p> <p>JR – Rob and Dennis have asked that we consider converting these functions to a Web interface and SQL Server DB.</p>	Paul Freeman	8/29/03	9/4/03	Julie Rowe / Patrick Grayson
<p>Unable to connect to SAG via Nortel VPN from Martin Center office</p> <p>JR – contacted SAG help desk 8/27 and requested they contact Ron Smith</p> <p>JR – will setup con call with Help Desk week of 9/15</p>	Don Harris / Ron Smith	8/29/03		Julie Rowe
Set up external interface meeting, gather inventory with specifics about method, send/receive formats, external point-of-contacts	Paul Freeman / Patrick Grayson	9/5/03		Julie Rowe

JR – meeting scheduled for 9/2, 2-3 p.m				
JR – meeting held 9/2, external interface inventory started, assigned to FCCJ staff				
Workstations need to be set up in SAG office at Martin Center	Paul Freeman / Sherry Davidson	8/29/03	9/5/03	Julie Rowe
JR – all workstations setup 8/26 except for Dave Gahrng				
Develop Web Services estimate for SAG to perform the full suite of tasks	Julie Rowe	9/17/03		Julie Rowe
Need to determine if Touch Tone/EPOS system will be implemented on Unix	Paul Freeman	9/5/03	9/15/03	Julie Rowe
JR – Paul evaluating statistics, plan is to eliminate system by January 2004 and not migrate to Unix				
Need to add technical section to ORION II website	Chrystal Wicklline / Rob Rennie	9/26/03		Julie Rowe
Need to test Adabas option to perform OS level backup	Bob St. Leger / Don Harris	10/30/03		Julie Rowe
Need to obtain ADASAV layout / internals info	Julie Rowe / Dave Gahrng	9/23/03		Julie Rowe

Issues

Description	Assigned	Opened	Closed	Owner
Log #519192, waiting on fix from SAG R&D, inappropriate NAT0431 errors, this affects approximately 40 modules	Denver support / Germany	7/29/03		Rob Scott
JR – Rob checking to see when PL will be released with fix				
Terminal emulation colors are not showing up correctly or vary from MF 3279 colors	Bob St. Leger	8/19/03		Julie Rowe
JR – Paul to setup meeting with users to demo colors				
Construct issue with attribute character display on MENU's	Rob Scott / Denver	8/19/03	9/15/03	Julie Rowe

JR – Denver has determined that } character in maps transferred as EBCDIC, Bob writing script to convert to ASCII, step will be part of port methodology	support			
Sequential files that contain packed /binary fields require multi-step conversion and data layouts for migration to Unix	Patrick Grayson	8/19/03		Julie Rowe
Natural Advanced Facilities used for printing on the mainframe, several FCCSC utility modules call NATAF directly, need to research further and address replacing this functionality on Unix	Rob Scott / Patrick Grayson	9/15/03		Julie Rowe
A few FCCSC modules read Predict system files, need to determine if needed as system file layouts are different	Rob Scott	8/20/03		Rob Scott
Wolffpack Adabas files have alpha fields which contain binary data, this will increase estimates for migration of Wolffpack Adabas data	Bob St. Leger	9/1/03		Julie Rowe
Two FUSER's are defined in Natural Security steplibs, what is the reason for this? We have to manually modify these definitions unless there is a need/reason to create another FUSER. Are we missing some libraries?	Bob St. Leger	9/15/03		Julie Rowe

Change Requests

CR #	Description	CR Approved	Assigned	Completed
FCR001	Create duplicate MF menu screen on Unix			
FCR002	Additional Cobol programs			
FCR003	Assign System Test Plan to FCCJ			

Deliverable Status / Acceptance Criteria

Task	Acceptance Criteria	Estimated Delivery Date	Delivery Date	Acceptance Date
Pre-Project Setup <ul style="list-style-type: none"> Procure Hardware (3rd party products will be defined at a later date) Install/Configure operating system Identify team members Acquire/Install/Configure 3rd-party products (3rd party products will be defined at a later date) 	N/a	N/a	N/a	N/a
Project Kickoff <ul style="list-style-type: none"> Project Plan confirmation Assign Roles/Responsibilities Define standards 	<ul style="list-style-type: none"> Delivery of Project Kickoff meeting, accepted upon delivery 	7/29/03		7/29/03
Unix Mentoring <ul style="list-style-type: none"> Provide hands-on Unix education, including basic scripting, use in the Natural environment and follow-up mentoring as necessary 	<ul style="list-style-type: none"> Delivery of document describing mentoring sessions, agreed upon by Software AG and FCCJ Delivery of mentoring defined in document above Accepted upon delivery 	2 days delivered via separate contract. Estimate for remaining 3 days pending FCCJ request.		
Evaluate customized Adabas User Exits and develop replacement solutions (Assembler) <ul style="list-style-type: none"> Identify User Exits in use Develop plan to replace or eliminate customized User Exits Create new User Exits 	<ul style="list-style-type: none"> Delivery of document describing Adabas User Exits in use, identifying all to be replaced Delivery of functional replacement of each Adabas User Exit defined in document above Accepted upon delivery 	Date TBD based upon response to question concerning use of Adabas User Exits.		
Evaluate tRelational/DPS solution and develop architecture for replacement solution	<ul style="list-style-type: none"> Delivery of architecture document for replacement 	Architecture document delivered 9/9/03		

<ul style="list-style-type: none"> Analyze use of tRelational/DPS usage Develop new architecture to replace solution Develop solution framework Implement one instance of the new solution 	<p>solution agreed upon by Software AG and FCCJ and that meets the minimum needs described in this SOW</p> <ul style="list-style-type: none"> Implementation in Production of one (1) instance of the replacement solution defined above 	<p>Solution delivery planned for 10/17/2003</p>		
<p>Evaluate VSAM usage and archive or convert data</p> <ul style="list-style-type: none"> Analyze use of VSAM Develop plan to convert VSAM files and modify programs using them Execute plan 	<ul style="list-style-type: none"> Delivery of spreadsheet listing all VSAM files in use, identifying all to be migrated, converted to text, or converted to Adabas Delivery of plan document for performing the migration and modifying Natural code to access appropriately 	<p>Inventory and Migration plan documents planned for 9/19/2003</p>		
<p>Evaluate use of Tape data and/or Workfile data</p> <ul style="list-style-type: none"> Analyze use of other data sources Develop plan to archive or convert data Execute plan 	<ul style="list-style-type: none"> Delivery of spreadsheet listing all Tape and/or Workfile data in use, identifying all to be migrated, Delivery of plan document for performing the migration 	<p>Inventory and Migration plan document planned for 9/26/2003</p>		
<p>Status Reporting/Meeting</p> <ul style="list-style-type: none"> Prepare status reports Attend status meeting 	<ul style="list-style-type: none"> Delivery of weekly status reports delivered to FCCJ Project Manager, accepted upon delivery 	<p>ongoing</p>		<p>As delivered</p>
<p>Setup security</p> <ul style="list-style-type: none"> Establish all applicable security to accomplish re-hosting effort (Unix, MF, Natural/Adabas, FTP) 	<ul style="list-style-type: none"> Delivery of document listing resources and type and level of security required during the re-hosting project Delivery of document describing Unix security 	<p>Security for project team established, document to be provided by 8/29</p> <p>9/22/2003 (for user requirements)</p>		

	requirements for Adabas/Natural users			
Establish Procedures <ul style="list-style-type: none"> • Backup/Recovery • Print Management • Version Control • Batch scripting standards 	<ul style="list-style-type: none"> • Delivery of technical discussions and mediation on the procedures topics listed, accepted upon delivery 	Ongoing		As delivered
System Test Plan <ul style="list-style-type: none"> • Define the scope and method of System Testing for online and batch. This includes scope of data to be tested and validated, length of testing, parallel testing, batch cycle testing, etc. 	<ul style="list-style-type: none"> • Delivery of Systems Test Plan document 	This is subject to a change request, FCR003, and will be assigned to FCCJ		
Implementation Plan <ul style="list-style-type: none"> • Define steps to be taken in prior to and during production cutover. This includes details on timing, training, contingencies, etc. 	<ul style="list-style-type: none"> • Delivery of Implementation Plan document 	11/28/2003		
Install/Configure Software AG products in Production, Test, and Development <ul style="list-style-type: none"> • Adabas • Natural • Natural Security • Predict • Natural Construct • EntireX 	<ul style="list-style-type: none"> • Visual inspection of defined Products running in Development, Test and Production 	9/10/2003 (for Acceptance) 10/8/2003 (for Prod)	8/22/2003 (for Test)	
Re-host Natural Modules <ul style="list-style-type: none"> • Migrate, catalog and unit test approximately 21000 Natural modules as identified prior to project initiation 	<ul style="list-style-type: none"> • Successful catabolism of Natural modules within the libraries defined in this SOW 	9/26/2003, pending PL fix from Denver for NAT0431		
Re-host Adabas data <ul style="list-style-type: none"> • Migrate and convert physical Adabas files as identified prior to project initiation (this task may occur multiple times pending definition of System Test Plan) 	<ul style="list-style-type: none"> • Delivery of comparable ADAREP's from the source and target environments • Visual inspection of data 	9/19/2003 (for System Test data)	8/5/2003 (for Unit Test data)	
Convert Natural Security data	<ul style="list-style-type: none"> • Visual inspection of Natural Security 	10/3/2003 Basic data		

<ul style="list-style-type: none"> Migrate and convert Natural Security data stored in the Production, Test and Development databases 	data from the source and target environments	migrated, manual corrections must be made for file links		
Convert Predict data <ul style="list-style-type: none"> Consistency Check Migrate Predict data 	<ul style="list-style-type: none"> Visual inspection of Predict data from the source and target environments 	9/26/2003 pending fix from Denver or manual migration of individual metadata types		
Re-host JCL and develop Job Submission system <ul style="list-style-type: none"> Migrate and convert approximately 2000 production batch jobs Develop online Job Submission system in Natural 	<ul style="list-style-type: none"> Delivery of an inventory document listing all JCL to be migrated Delivery of Unix scripts to replace JCL defined above 	10/10/2003		
Web Services <ul style="list-style-type: none"> Provide Technical support in the use of the appropriate EntireX wrapper technology Develop Web Services 	<ul style="list-style-type: none"> Delivery of technical guidance and mentoring on the use of EntireX wrapper technology, accepted upon delivery Delivery of a plan document for developing Web Services for Orion functions (to be selected by FCCJ) 	10/3/2003, pending CR for SAG to perform all Web Services work, this will alter the scope of this task		
System Test Online <ul style="list-style-type: none"> In accordance with established test plan 	<ul style="list-style-type: none"> Delivery of technical support and problem resolution during System Online testing, accepted upon delivery 	3/1/2004		
System Test Batch <ul style="list-style-type: none"> In accordance with established test plan 	<ul style="list-style-type: none"> Delivery of technical support and problem resolution during System Batch testing, accepted upon delivery 	3/1/2004		
Production Implementation <ul style="list-style-type: none"> Migrate data Shutdown MF access Migrate Natural modules 	<ul style="list-style-type: none"> Delivery of 24x7 technical support for implementation tasks as defined in the implementation plan above, 	3/22/2004		

<ul style="list-style-type: none"> • Install/Configure Terminal Emulation 	<p>accepted upon delivery</p>			
<p>Post-Implementation Support</p> <ul style="list-style-type: none"> • Offsite post-implementation technical support 	<ul style="list-style-type: none"> • Delivery of up to 160 hours of post-implementation technical support specific to tasks defined in this SOW, accepted as worked 	<p>4/23/2004</p>		