RM to Visual COBOL Questionnaire

COBOL to COBOL L1Q Document

Document version: n.n Last Updated: dd/mmm/yyyy Updated By:	
A. Business Situation and Environment Information	
Customer Information	
Company Name	MJK Automatisering Plus B.V.
Contact Name (Title/Role/Responsibility/Level related to CxO)	Michel Krabshuis / Fred Flissebaalje

Other Team Members
    a.   Name
    b.   Title
    c. Role/Responsibilities	

Business Drivers Related to Application to be Converted/Transformed to Visual COBOL	
1. What does the application do for what business area and how critical is it to the business?	Very critical ERP systems in the Horticultural Export business
2. What business / technical events are driving the need for an application upgrade?	- Support ending for RM/ products - GUI - UTF-8 (double byte) character support
3. What happens if this application upgrade does NOT occur?	Possible loss of business/customers
4. How many developers are maintaining the application(s)	4
Application Ownership and Packaged Application Information	
5. Do you own all rights to application and did it originate from any 3rd party application provider?	Yes / No
6. Do you sell or lease application or utilize in an ASP model?	No
Current Environment Information (Where application is running today)	
7. What is the existing hardware platform? Fujitsu Primergy Blade Frame BF200	
8. What is the existing Operating System?	Mixed: Suse Linux Server SLES10 and Windows Server 2003 / 2008
9. What is the Micro Focus COBOL product being used today?	RM/Cobol, RM/InfoExpress, CoboCGIX (Bob England)

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B. Technical & Application Information	

10. Source code languages involved, approximate number of programs and rough indication of LOC	Language	Approx No. of programs	Approx. lines of code (LOC) or Steps (K)
	COBOL	2500	200.000

11. What type of user interfaces are utilized today and how many of these interfaces are present? • Are you using any web technologies? • Windows GUI, or, other GUI? • Character/Text/Green Screen? • Panels or Accept/Display? • Home grown screen handler?	- web - rm/cobol simple gui elements - character/text

Data Access	

12. Describe the data storage model used today. What data storage is used? How many databases/files are involved? How much data is stored?	Type	Approx No.	Approx Size
	Indexed	700	25 GB
	Relative	70	2.5 MB
	Line Sequential	140	5.0 MB
	Binary Sequential	20	1.0 MB
	XML	0	
	Other (Please specify)		

13. Describe the Data Access Modularity within your Application? a. File Handling in Separate Routines? b. File Handling Interspersed with Business Logic?	**File handling interspersed with Business Logic (via RM/InfoExpress)**

14. Are you using other Data Access technologies? If so, please describe. a. CISAM b. Btrieve c. Other ISAM d. Callable File Handlers	**RM/InfoExpress**

15. Do you use one of these porducts or technologies?	Products	Count	LoC
	VanGui™	n/a	
	RM/Panels a. Screen at a time b. Field level	n/a	
	BIS Express	n/a	
	Flexus SP2	n/a	

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16. What Liant Products do you use today?	Products	Count	LoC
	RM/COBOL Compiler and Runtime System	1	
	RM/COBOL Runtime System	20	
	RM/InfoExpress (remote file access)	2	
	Cobol-CGI™	1	
	Cobol-RPC™		
	WOW Extensions™ (Windows Native API GUI)		
	WOW Thin Client		
	InstantSQL™		
	Relativity® (ODBC SQL Query Engine for RM/COBOL Data Files)		
	XML Extensions		
	Xcentrisity® BIS (COBOL Web Application Engine)		
	CodeBridge		
	Other		

Screen Handling	

17. Describe the Screen Handling Modularity within your Application.
   a. Screen Handling in Separate Routines
   b. Screen Handling Combined with Business Logic
	Screen Handling Combined with Business Logic

18. Are you using 3rd party screen handling technologies?
   a. Flexus / SP2?
   b. Screen JET
	No

Procedure Calls / Routines	
19. Describe any External Library Routines in use by your Application.	**gdmbox.dll a routine to generate windows popup boxes (OK or Yes/No/Cancel)**
20. Is Java Interop being used?	**No**
21. Is COM Interop being used? If so, please describe.	**No**
22. Are C/C++ External Routines being used? If so, please describe.	**No**
23. Are WinAPI calls being used? If so, please describe.	**No**
24. Are DLL calling conventions in use? If so, please describe.	**No**

25. Is static linking or dynamic loading in use within your Application?
 	
    a. Windows Dlls
    b. Unix Libraries / Shared Objects
	Static linking windows dll's

26. Is XML Interop in used within your Application?
 	
    a. Acu XML
    b. C$XML
    c. XML Parse/Generate
    d. XML Extensions
	No

27. What Threading Model is in use by your Application today?
 	
    a. COBOL Multi-Threading?
    b. other
	N/A

28. What Printing Model is in use today by your application? Please describe.	**Some Programs use Rm/Cobol Windows Printing**
Deployment Models	

29. Is your deployment model distributed to PCs?
 	
    a. Via Mapped Drive, UNC, etc?
    b. Thick Client (local to PC)?
	mapped drive / RM/InfoExpress

30. Is your deployment model using Startup Scripting or Scheduling techniques? If so, please describe.
 	
    a. Shell scripts
    b. Batch/cmd files
    c. Cron jobs
    d. Windows scheduler
	Shell scripts and Batch/cmd files

31. Is CGI a part of your current deployment model? If so, please describe it usage.
 	
    a. Under Apache?
    b. Under IIS?
    c. Other?
	CGI under IIS

32. Are socket driven daemons (or similar) utilized in your application deployment?	**No**
33. Is your application TP driven (BEA Tuxedo, etc)?	**No**

34. Are COM and/or .Net utilized in your deployment model? If so, please describe its usage.
 	
    a. ACU Run-time called via COM Automation Server
    b. ACU Run-time called via .Net Interop
	No

35. Are Web Services or similar SOA techniques utilized within your application? If so, please describe.
 	
    a. Transoft Component Adapters (TCA)
    b. J2EE based (Weblogic / Websphere, etc)
    c. .Net based
	No

Additional Deployment Configuration Items	
36. Run-time Configuration Options. Please describe the options utilized for your application.	**- 80/24, 132/50 and 150/50 characters screensize** **- defining numeric keypad dot as comma** **- resolve leading name (@)**

37. Environment Variables. Please describe their usage.	**Runpath**
38. Portable vs. Native. Please describe your application's use of either model.	**Use of handterminals over Telnet.**
Development Environment	
39. Please describe your development environment and tools utilized to develop/maintain your application.	**PC's with MultiEdit**
Future Environment Information (Where application will run tomorrow?)	
40. What is the target hardware platform?	Windows / Linux
41. What is the target Operating System?	Suse SLES / Windows 2003 / 2008 /2012

42. What technical capabilities do you wish to utilize/apply within your target application environment?
    a. WPF, WCF (.Net)
    b. J2EE / JVM
    c. SOA, Web Services, AJAX
    d. Silverlight, Flash, etc
	.NET, AJAX, HTML5

43. Is Mobility a future path for your application? And What (if any) additional technologies would you like to leverage through this application upgrade?	**Yes**