Lanemark

Multiple Serviceable Items

CALIDUS eSERV

19th September 2013 - 0.2
Reference: FS 311856 309371-2

Contents

1 Appendix A: TEST PLAN

Test Script / Scenario Reference	Multiple Serviceable Items	Call Number(s): 311856 309371-2
Test Script / Scenario Description	To test that multiple Serviceable Items are supported by CALIDUS eSERV	PASS / ISSUES / FAIL
Menu Access	Services	
Pre-requisites	As much as possible (as far as has been developed on other Lanemark changes to the point of testing this one), the Services created and configuration allowed should match closely to the Lanemark requirements.	Tested By:
Test Objective	To test (for single and multiple serviceable items) that: Import adds and amends Service data correctly; Admin screens add, find and amend Service data correctly; the PDA allows navigation and updating of serviceable items and; the system exports Service data correctly.	Date:

Step	Action	Result	Remarks	P/F
1	**Import**			
1.01	Import a Service job in the new format, with one service record.	The Job should be saved, with the service record associated to the Job ID.		
1.02	Import a Service job in the new format, with more than one (ideally three) service records.	The job should be saved, with all service records associated to the Job ID.		
1.03	Import the single-service job again, but with an additional service item.	The job should be saved, with all service records associated to the Job ID.		
1.04	Import the multiple-service job again, but with one of the original service items removed.	The job should be saved, with all service records associated to the Job ID. The removed Service item should be deleted.		

Step	Action	Result	Remarks	P/F

Ready for **What's Next, Now**™

2	**Admin**		
2.01	In the Job screen, create a Service job with a single service.	The Job should be saved, with the service record associated to the Job ID.	
2.02	In the Job screen, create a Service job with more than one (ideally three) service records.	The job should be saved, with all service records associated to the Job ID.	
2.03	Find these service records again.	All should appear once only on the grid.	
2.04	Edit a single-service job and add another service	The job should be saved, with all service records associated to the Job ID.	
2.05	Edit a multiple-service job, and delete a service	The job should be saved, with all service records associated to the Job ID, except the deleted one.	
2.06	Repeat the above tests on the Configurable Job screen	As expected	
2.07	In the Services screen, find all services.	All services created should be found, with a single line for all serviceable items, not one per job.	
2.08	Search for a specific Serviceable Item	The service should be found, with a single line for all serviceable items, not one per job.	
2.09	Search for a serviceable item (Service ID) that matches multiple serviceable items across multiple jobs.	All services created should be found, with a single line for all serviceable items, not one per job.	
2.10	Enter a partial Serial Number that matches multiple serviceable items across multiple jobs.	All services created should be found, with a single line for all serviceable items, not one per job.	

Step	Action	Result	Remarks	P/F
3	**PDA**			
3.01				

Ready for **What's Next, Now**™

	Start a single-service job on the device and complete.	This should operate as before, to the limit of already-coded changes for Lanemark at the point of testing.		
3.02	Start a multiple-service job on the device (at least 3 serviceable items).	The Job Details screen will show the Job Code as the Service ID.		
3.03	Change to the Info screen.	The details of the first serviceable item are displayed; Previous and Next buttons are present; a sub-title of "1 of 3" is displayed.		
3.04	Complete details of the first serviceable item. Press Done.	A validation error should be displayed, showing that not all details have been entered against all Serviceable Items.		
3.05	Move to the Info tab and press Next.	The details of the second serviceable item are displayed; Previous and Next buttons are present; a sub-title of "2 of 3" is displayed. No other details have been entered against this item.		
3.06	Complete the details of all remaining items (markedly different on all items), finishing on the third.	The details of the third serviceable item are displayed; Previous and Next buttons are present; a sub-title of "3 of 3" is displayed. All details entered against the third item are displayed.		
3.07	Press Next.	The details of the first serviceable item are displayed; Previous and Next buttons are present; a sub-title of "1 of 3" is displayed. All details entered against the first item are displayed.		
3.08	Press Done	The service should complete (move to signature).		
3.09	Complete the service job	The results of all services should be returned to the system.		

Ready for **What's Next, Now**™

Step	Action	Result	Remarks	P/F
4	**Post-PDA (Admin/Server)**			
	Ensure that single- and multiple-item jobs have been completed.			
4.01	Check all items on all jobs updated.	All records are updated correctly		
4.02	Check the Service Details screen for a Single-item Service Job	The screen has changed layout correctly - only one service item's details are displayed		
4.03	Check the Service Details screen for a multiple-item Service Job	The screen has changed layout correctly - all service item's details are displayed on a scrolling screen.		

Step	Action	Result	Remarks	P/F
5	**Export**			
5.01	Export a single-item Service Job	The job is exported correctly and the resulting export XML matches the XSD.		
5.02	Export a multiple-item Service Job	The job is exported correctly and the resulting export XML matches the XSD.		

Ready for **What's Next, Now**™

2 Appendix B: Quote & Document References

Cost Details			
Activity	**No. of Days**	**Rate per Day (?)**	**Cost (? Exc. VAT)**
Requirements	0.00	0	?0.00
Change Request Evaluation	0.00	0	?0.00
Functional Specification	1.25	0	?0.00
Technical Specification	0.00	0	?0.00
Development	10.50	0	?0.00
Testing and Release	2.00	0	?0.00
Implementation	0.00	0	?0.00
Project Management	First argument to "number_format" must be a number.	0	?First argument to "number_format" must be a number.
TOTAL	First argument to "number_format" must be a number.		?First argument to "number_format" must be a number.

Estimate excludes training, release to live and go live support.

B.1 References

Ref No	Document Title & ID	Version	Date
1	UG 291094 EPOD Admin User Guide	2.0	4/4/2012
2	UG 291097 EPOD Client User Guide	3.0	23/4/2013
3	REQ_309371_Lanemark_eSERV_Requirements	0.4	29/08/2013
4	FS_312116_Service_Cancellation_Changes	0.1	19/09/2013

B.2 Glossary

Term	Definition
EPOD	Electronic Proof of Delivery. The OBS EPOD system is *CALIDUS* ePOD.
CALIDUS eSERV	The OBS mobile system to complete Service functionality in the field. This is part of the *CALIDUS* ePOD system.
PDA	The mobile device on which the C-ePOD system will run in the field. This can be a Phone, EDA or industrial PDA, running Android.
DAL	Data Access Layer. A mechanism for accessing data by the system that is removed from the application, allowing for simplified access and providing protection to the data, as only approved DAL methods can be used to modify it.
GPS	Global Positioning System. A mechanism of retrieving accurate positioning information in the form of Latitude and Longitude (Lat-Long) co-ordinates from a device.
GPRS, 3G, HSDPA, Data	All terms referring to mobile device network connectivity, and the speed at which the device connects to the internet.

Ready for **What's Next, Now**™

Term	Definition
Service	

B.3 Authorised By

Julie Taylor   OBS Project Manager   _____

Jeff Foster   Client Representative   _____

Alan Thompson   Client Representative   _____

Ready for **What's Next, Now**™