STATEMENT OF WORK
CHANGE REQUEST ESTIMATE

aptean

Client	MARS	Project	DEV	Site	.
Client Reference	SCR-ADD-1	Aptean Reference	343616	Estimate Version	0.1
Prepared By	A N Walker			Estimate Date	08/08/17
Invoice Reference				Priority	3
Customer	Marshalls (Internal)			System Version	4.X

Client Request

Additional request from customer: Following a meeting with Credit Services they would ideally like images associated with a POD being uploaded in to OnBase as well as the POD report itself, but ideally in a separate file such that they can choose whether to send them with the POD or not to any customer that is querying an invoice.

Aptean Solution

The POD/POC report mechanism will be modified so that the images file can be exported in a separate file.

Additionally, this will also be modified so that the addition of images when exporting to a Document Management System can be configured at a system level, allowing OBSL to configure the system so that multiple files can be exported to the DMS:

1. The POD file itself
2. Any attached images

The customer can then choose to send the images to the customer through OnBase if they desire.

⚠ **Warning**: Unknown costs for client/year (MARS/2017)

Cost Details

Activity	Hours	Rate per hour (£)	Cost (£ Exc. VAT)
Requirements	0.00	0.00	£0.00
Change Request Evaluation	0.00	0.00	£0.00
Functional Specification	0.75	0.00	£0.00
Technical Specification	0.00	0.00	£0.00
Development	2.25	0.00	£0.00
Testing and Release	0.50	0.00	£0.00
Implementation	0.25	0.00	£0.00
Project Management	0.25	0.00	£0.00
TOTAL	4.00		£0.00

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

Contents

1 EST 344239 Trailer Drop Functionality

STATEMENT OF WORK
CHANGE REQUEST ESTIMATE

Client	MARS	Project	DEV	Site	.
Client Reference		Aptean Reference	344239	Estimate Version	0.1
Prepared By	A N Walker			Estimate Date	15/08/17
Invoice Reference				Priority	3
Customer	Marshalls (Internal)			System Version	4.X

Client Request

If a draw-bar driver has a front end drop as part of a two drop Journey, would it be possible to show this in a linked drop down on the app?

it would be a split drop on some or they may need to trans-ship if the same delivery but only the front end will go in, but for either scenario they would need to drop the trailer at a trailer drop location.

Example Paperwork provided.

Additional discussions with the customer have also drawn out the following requirements:

- We agreed that AX outputs these trailer drop jobs as one job with a single signature for the total qty of goods. The trailer drop instruction is held in the job special instructions read by the driver
- Because of this, we will display these jobs like any other delivery in ePOD, because that?s how they will have been received by us through the interface. Driver notes can be used on the device for the driver to explain any job activity, but essentially these jobs will done the same way as other deliveries in terms of work-flow.
- However, you asked for the functionality accessed from the top right drop down on the ePOD load (manifest list) screen on the device, to have an option for the device to access a table of trailer drop locations, maintained within ePOD Admin, use the device GPS, and suggest the closest to the driver and offer the Nav button (using the TomTom Nav intent). This will try to make sure the driver is going to the optimum nearest trailer drop location.

Aptean Solution

The supplied examples show that a particular single job was split into two, the first delivery being 10 @10:55, the second delivery being 10 @ 13:45. It is assumed that these jobs will be split into two jobs, both planned onto the same load.

Driver notes will be used to indicate that the second delivery is a Draw-bar delivery.

💡 **Note:** There will be two jobs, and therefore two POD notes, one for the first trailer (from the drop-bar) then from the second (main) trailer.

It is assumed that the whole load would look similar to the following:

Assuming the fixed trailer is "1" and the drop-bar trailer is "2":

1. Go to A and drop something from trailer "2"
2. Go to B and drop something from trailer "2" - drop-bar is now empty.
3. Go to C and drop something from trailer "1"
4. Go back to A and drop something from trailer "1"
5. Return to depot.

It is asumed that the functionality required is an ad-hoc step between steps 2 and 3:

1. Go to A and drop something from trailer "2"
2. Go to B and drop something from trailer "2" - drop-bar is now empty.
    1. *Select "nearest" trailer drop location from drop-down list.*
    2. *Navigate to location*
    3. *Drop off trailer "2"*
3. Go to C and drop something from trailer "1"
4. Go back to A and drop something from trailer "1"

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5. Return to depot.

To achieve this, the system will be modified as follows:

- Trailer drop locations will be entered within the *CALIDUS* ePOD Admin system and identified as such. Each must have a Lat/Long, although it is noted that this can be calculated through Geolocation request webservices.
- An option will be added to the mobile device application to allow the driver to select an option "Trailer Drop-Off" from the menu on the Job List screen.
- This will allow the driver to find the closest trailer drop-off location and generate a job to drop off the trailer.
- This will be fully visible within *CALIDUS* ePOD Admin, as the jobs generated in this way will be displayed against the load.

The process would then be as follows:

- Assuming a load of ID "MAR-00001"
- All jobs identified with the trailer being used for that job's product (in this example, "1" or "2").
- Go to A and drop something from trailer "2"
- Go to B and drop something from trailer "2" - drop-bar is now empty - instructions on the job show this.
- Select "Trailer Drop Off" from the menu on the Job List.
- Select the Trailer Drop-Off location from the list, sorted in "as the crow flies" nearest distance to the last known location of the mobile device.
- Create a "TDO_MAR-00001_01" delivery job to this location and start it.
- The driver can click the navigation button to navigate to this location. As this is determined to be an Ad Hoc job, we can navigate directly to the job. That means that, even if Premier activate WEBFLEET jobs through reach in the future, these Ad Hoc TDO jobs ALWAYS navigate directly, not displaying the WEBFLEET orders list.
- Driver arrives and completes the job. Note that this job type is expected to be a simple job that requires only a Complete button to be pressed. However, if this job requires some additional data entering at the drop-off location, this can be configured through the standard UDF configuration in C-ePOD. The same is true as to whether any signatures or images are captured after dropping off the trailer.
- Go to C and drop something from trailer "1"
- Go back to A and drop something from trailer "1"
- Return to depot

This Ad Hoc TDO job will be explicitly tracked in the C-ePOD Admin system and returned in the export interface, should this be enabled at a later date.

🔴 **Warning**: Unknown costs for client/year (MARS/2017)

Cost Details			
Activity	**Hours**	**Rate per hour (£)**	**Cost (£ Exc. VAT)**
Requirements	0.00	0.00	£0.00
Change Request Evaluation	0.00	0.00	£0.00
Functional Specification	2.50	0.00	£0.00
Technical Specification	0.00	0.00	£0.00
Development	11.00	0.00	£0.00
Testing and Release	2.00	0.00	£0.00
Implementation	0.25	0.00	£0.00
Project Management	0.75	0.00	£0.00
TOTAL	16.50		£0.00

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

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2 EST 353159 Deliver All Products

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STATEMENT OF WORK
CHANGE REQUEST ESTIMATE

Client	MARS	Project	DEV	Site	MLP
Client Reference		Aptean Reference	353159	Estimate Version	1.0
Prepared By	A N Walker			Estimate Date	08/10/18
Invoice Reference				Priority	3
Customer				System Version	4.X

Client Request

As requested by Gary Shaw of Marshalls on 19 September, 2018:

The Deliver all button is on the wrong screen before the products.

The scan button would be better placed as the deliver all button.

Aptean Solution

The *CALIDUS* ePOD system will be modified to allow the **Deliver All** button to be displayed on the Products tab when delivering products.

The configuration of the Deliver All functionality in the Site Admin screen will be modified to allow configuration of "Job Details Only", "Products Only" and "Enabled (All)".

The Products '*Deliver All* button will only be added to the screen if:

- the job is not complete or cancelled
- some products on the job have not yet been marked as completed or cancelled
- the Deliver All configuration is set to "Products Only" or "Enabled (All)"

The Deliver All functionality will be modified so that it can be called from the Products tab on the device, where it will mark as delivered all products on that screen that have not already been marked as delivered or cancelled.

If all products on the job are complete, the device will move to the configured Job Confirmation stage (for example, Signature and T&Cs).

The default style of this Products **Deliver All** button will be disabled and invisible.

- In Portrait mode, this will be in the default right-hand button position.
- In Landscape mode, this will be in the default left-hand button position.
- In Tablet mode, this will be in a new position to the left of all buttons.

The MLP style will be configured so that the button is visible.

🔴 **Warning**: Unknown costs for client/year (MARS/2018)

Cost Details

Activity	Hours	Rate per hour (£)	Cost (£ Exc. VAT)
Requirements	0.00	0.00	£0.00
Change Request Evaluation	0.50	0.00	£0.00
Functional Specification	1.00	0.00	£0.00
Technical Specification	0.00	0.00	£0.00
Development	3.00	0.00	£0.00
Testing and Release	0.75	0.00	£0.00
Implementation	0.25	0.00	£0.00
Project Management	0.25	0.00	£0.00

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TOTAL	5.75		£0.00

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

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3 EST 354331 MARS Add Amended and Status to OnBase PDF files

STATEMENT OF WORK
CHANGE REQUEST ESTIMATE

Client	MARS	Project	DEV	Site	MPMS
Client Reference		Aptean Reference	354331	Estimate Version	1.0
Prepared By	A N Walker			Estimate Date	23/11/18
Invoice Reference				Priority	3
Customer				System Version	4.X

Client Request
Following discussion of email of POD documentation, Marshalls cannot open their mail server to trusted relay. To work around this Marshalls propose to send the POD via email from the DMZ the OnBase Pdfs are placed. Marshalls need to differentiate between clean and amended orders to make a decision whether to send the email automatically. After discussion it was suggested that this should be facilitated by highlighting the Status and Amendment flags within the document name.

Aptean Solution

The *CALIDUS* ePOD Export file naming process will be amended to allow the specification of 2 additional fields in the filename:

- EPL_STATUS - whether a job was completed successfully ("C") or cancelled ("X").
- EPL_AMENDED_FLAG - whether a job at completed status (above) has any amendments on it ("Y") or not ("N").

💡 **Note:** In the current configuration, any jobs that have user notes are considered to be amended.

The current configuration for the customer is as follows in EPOD (although it is noted that this is disabled for MLP):

- POD_(EPL_JOB_CODE)_(DATE)_(TIME)_(UID)
- MLP_POD_(EPL_JOB_CODE)_(DATE)_(TIME)_(UID)

With these new changes, it is expected that this would be changed as follows:

- POD_(EPL_JOB_CODE)_(DATE)_(TIME)_(EPL_STATUS)(EPL_AMENDED_FLAG)_(UID)
- MLP_POD_(EPL_JOB_CODE)_(DATE)_(TIME)_(EPL_STATUS)(EPL_AMENDED_FLAG)_(UID)

Examples of POD files exported under this naming convention:

For the following details:

- Job Code: 123456
- Date: 23/11/2018
- Time: 1:54:26PM

Where images files are exported separately for each job, the following files would be generated:

Complete (no amendments):

- POD_123456_20181123_135426_CN_1.pdf
- POD_123456_20181123_135426_CN_1_images.pdf
- MLP_POD_123456_20181123_135426_CN_1.pdf
- MLP_POD_123456_20181123_135426_CN_1_images.pdf

Complete (amended):

- POD_123456_20181123_135426_CY_1.pdf

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- POD_123456_20181123_135426_CY_1_images.pdf
- MLP_POD_123456_20181123_135426_CY_1.pdf
- MLP_POD_123456_20181123_135426_CY_1_images.pdf

Cancelled:

- POD_123456_20181123_135426_XN_1.pdf
- POD_123456_20181123_135426_XN_1_images.pdf
- MLP_POD_123456_20181123_135426_XN_1.pdf
- MLP_POD_123456_20181123_135426_XN_1_images.pdf

The receiving software may the categorise those considered to be 100% successful (with the new flags set to "CN" in the filename) from those that were not completed 100% or were cancelled (any other combinations of these 2 flags in the filename).

Warning: Unknown costs for client/year (MARS/2018)

Cost Details			
Activity	**Hours**	**Rate per hour (£)**	**Cost (£ Exc. VAT)**
Requirements	0.00	0.00	£0.00
Change Request Evaluation	0.25	0.00	£0.00
Functional Specification	0.25	0.00	£0.00
Technical Specification	0.00	0.00	£0.00
Development	0.25	0.00	£0.00
Testing and Release	0.25	0.00	£0.00
Implementation	0.25	0.00	£0.00
Project Management	0.25	0.00	£0.00
TOTAL	1.50		£0.00

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

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4 EST 356174 Report APK Versions in Use

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STATEMENT OF WORK
CHANGE REQUEST ESTIMATE

Client	MARS	Project	DEV	Site	MLP
Client Reference		Aptean Reference	356174	Estimate Version	1.0
Prepared By	A N Walker			Estimate Date	13/03/2019
Invoice Reference				Priority	3
Customer	Marshalls Landscape			System Version	4.X

Client Request

Marshalls want to track the roll-out of the APK to their devices and report on it via ePOD. Advised Debbie we currently pick up the APK version on the Login device log, this could be saved back to the database but requires changes which we will estimate.

Aptean Solution

The changes will be made to the latest versions of *CALIDUS* ePOD, version 4.0 and 4.5.

The message back from the device at log-on includes the Android App (APK) version. The system will be changed to log the system version to the Message Content on User Tracking.

The User Tracking screen will be extended to add the Message Content data to the results. The screen can then be used to extract the results of any query to a spreadsheet. This includes the Message Content data. This can be extracted over a period and the report filtered to show Logon Request messages, which will show the APK versions used.

A new Resource Activity report will be created that can be run from the Reports screen.

When the user selects this report, the screen will request a date range, defaulting to the last 7 days.

The report consists of 4 worksheets:

- *Parameters* - a title page, showing the parameters entered.
- *Site Summary* - a count of all users and vehicles in use, per site.
- *Day Summary* - a count of all users and vehicles in use, per site per day.
- *Details* - a detailed view of the site, user, vehicle, day, time start and end and mobile device application (APK) version number.

Cost Details

Activity	No. of Days	Rate per Day (£)	Cost (£ Exc. VAT)
Requirements	0.00	750	£0.00
Change Request Evaluation	0.25	750	£187.50
Functional Specification	0.50	750	£375.00
Technical Specification	0.00	750	£0.00
Development	2.75	750	£2,062.50
Testing and Release	1.00	750	£750.00
Implementation	0.00	750	£0.00
Project Management	0.25	750	£187.50
TOTAL (FIXED COST)	4.75		£First argument to "number_format" must be a number.

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