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STATEMENT OF WORK
CHANGE REQUEST ESTIMATE

Client	PART	Project	DEV	Site	.
Client Reference	HAZCHEM	Aptean Reference	342131	Estimate Version	0.1
Prepared By	A N Walker			Estimate Date	29/03/17
Invoice Reference				Priority	3
Customer	Knights Of Old			System Version	3.X

Client Request
Colin Vickers advises that Knights of Old transport are completing work for the HazChem network and require the POD debrief information to be sent from Calidus ePOD to HazChem's HazchemOnline system.

Aptean Solution

Assumptions:

- Jobs will be sent to Partnerlink and through to *CALIDUS* ePOD using the existing JobShare interfaces.
- Pallets for the Hazchem network will be labelled with their own network's pallet labels, and not Partnerlink labels. It is expected that pallet IDs will be created by *CALIDUS* ePOD in the normal way, identifying the individual pallets by assigning each pallet a unique ID, counting from the 1 to the total number of pallets.
- Hazchem's HazchemOnline system will be updated separately to the partner's TMS systems. This will require a modification to identify consignments as being completed for Hazchem.
- The Consignment will already exist within the Hazchem HazchemOnline system, ready for updating with POD information from *CALIDUS* ePOD.

The process will be as follows:

- Hazchem-specific reason codes will be set up within *CALIDUS* ePOD, conforming to the list of delivery codes used by Hazchem. These reason codes will be exclusive to the Hazchem job group, and the Hazchem job group will be configured so that only those codes can be used on Hazchem jobs.
- New Hazchem Jobs will be sent to Partnerlink through the existing JobShare format, or directly to the back-end TMSs.
- When planned, these jobs will be sent to *CALIDUS* ePOD through the existing interface in use for the existing partners, and will be identified with a new Job Group e.g. HAZCHEM. The Pallet Depot will be set to the Hazchem depot code provided to the carrier, to be advised by the customer. The Pallet Consignment will be sent in as the Hazchem ID. 💡 **Note:** This will require change to the sending process from the TMS system to accommodate these new values for every partner that wishes to join the Hazchem network.
- The jobs will be completed like any other normal delivery.
- When jobs are completed, the existing AutoExport functionality will update the Partners (identified through their Partner Codes) using a flat-file export of the job details in OBS Logistics' XML format, as it does now.
- The AutoExport process will also export the files to Hazchem HazchemOnline system, identified through the Job's Group and the configuration attached to it.
- The AutoExport functionality will store the success or failure of the export, along with any of the returned reasons from the export.

💡 **Note:** This development is dependent on the Palletline interface being developed within *CALIDUS* ePOD - if this is not complete, this estimate is invalid and will need to be re-estimated. See EST 341168 PalletLine Integration for details.

The development required will be as follows:

The mobile device application will be modified to capture the signature in vector format as well as the standard mechanism of an image format. The application will be configured to store this and use it for the Hazchem export process.

The Admin Export Configuration screen will be changed to allow Hazchem export types to be configured in it.

The Partnerlink Import process will be modified to identify the Hazchem job group (e.g. "HAZCHEM"). This will then generate Pallet Ids in the normal way.

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The *CALIDUS* ePOD AutoExport function will be modified to recognise jobs with the Hazchem job group and export a file in the Hazchem format.

This format will identify the pallets delivered and any reason codes against them, including claused and cancelled pallets. This will also identify the signatory and signature (if delivered), the GPS coordinates (if available) and the status (EDC - Item Delivered - for pallets that were delivered, the selected reason code for clauses and cancellations).

The format will be in XML and will be named following the conventions specified by Hazchem. A single file will be created per job completed or cancelled.

💡 **Note:** It is as yet undecided what mechanism will be used to send this file to Hazchem. It will however be one of the following:

- Create the file locally to the *CALIDUS* ePOD server and host an FTP service so that Hazchem can pick up the file.
- Create the file and send immediately through FTP to the Hazchem FTP server.

The process should support either case as standard.

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

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	1.25	0.00	£0.00
Technical Specification	0.00	0.00	£0.00
Development	5.00	0.00	£0.00
Testing and Release	1.00	0.00	£0.00
Implementation	0.25	0.00	£0.00
Project Management	0.50	0.00	£0.00
TOTAL	8.25		£0.00

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

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