C-ePOD Interface

Contents

1 C-ePOD Interface

This page shows all of the different modes that can be set for the interface to Calidus EPOD, the system parameters that affect this interface and an indication of the basic mapped data and how it is affected by the configuration.

1.1 Modes

Mode	Description
PARCEL	Simple non-configurable interface for parcel delivery.
RETAIL	Products within containers. Non-configurable.
BULK	Bulk product delivery at a location.
MODE1	Configurable container delivery.
MODE2	Configurable container or product delivery.
DELTYPE	EPOD mode is configured against the delivery type (defaulting to MODE2).

Ready for **What's Next, Now**™

1.2 System Parameters

💡 **Note:** The majority of system parameters that affect Job or lower levels apply only to MODE1 and MODE2 - other modes are bespoke and unaffected.

Parameter	Description	Level
EPOD_COLLECT_STOCK	To exclude sending a loading stop to EPOD which does not have an order for van stock or to fit new tyres(Y/N)	SYSTEM
EPOD_COMPLETED_UPDATE	Are epod updates sent for COMPLETED trips?	SYSTEM
EPOD_COMPLETE_ON_LOAD_UPDATE	Complete Trip when RTD job sent back from epod for load updates	SYSTEM
EPOD_COMPLETE_ON_RTD	Complete Trip when RTD job sent back from epod	COST_CENTRE
EPOD_CONCATENATE_JOB_INSTR	Concatenate the special instructions and the order comments for the collection/delivery location as the job instructions (Y/N).	COST_CENTRE
EPOD_CONSOLIDATION_LEVEL	Level of job consolidation for epod	COST_CENTRE
EPOD_CONTACT_DELIMITER	EPOD contact delimiter	COST_CENTRE
EPOD_CONTAINER_CODE1	What populates this field in EPOD DIMS for dimesions(default) or PARTS for the part numbers if present	COST_CENTRE
EPOD_CONTAINER_CODE2	What populates this field in EPOD DIMS for dimesions or PARTS for the part numbers if present(default)	COST_CENTRE
EPOD_CONTAINER_CODE3	What populates this field in EPOD DIMS for dimesions or PARTS (for the part numbers if present) default NULL	COST_CENTRE
EPOD_CONTAINER_DESCRIPTION	What populates this field in EPOD COMMODITY for the item commodity(default) DESCRIPTION for item desc or PROD_DESC for the prod AKA code and item desc	COST_CENTRE
EPOD_CUSTOMER_INVOICE	Include an EPOD_CUSTOMER_INVOICE section within the EPOD_CUSTOMERS section for the service jobs (Y/N)	SYSTEM
EPOD_DEPOT_JOBS	EPOD Debrief jobs which load at or deliver to RDC locations	SYSTEM
EPOD_ENROUTE_COLLECTIONS	Set Trip to En-Route via ePOD Interface	SYSTEM
EPOD_IGNORE_COL_SIG_DEPOT	Controls is signatures are ignored for cols at depots	SYSTEM
EPOD_ITEM_LEVEL	IC - Send Items as containers to EPOD or LP (the default if not set) - Send Lines as Products to EPOD	SYSTEM
EPOD_JOB_GROUP_FORMAT	Indicates whether the value passed in the EPL Job Group to EPOD is the Cost Centre (CC), Carried ID (CI), Customer Group (CG) or Customer (CU).	SYSTEM
EPOD_JOB_RETAIN_TIMES	Retain the actual times for the trip stop for the job (Y/N).	COST_CENTRE
EPOD_OWNER_CONFIG	Epod Owner Configuration	COST_CENTRE
EPOD_PREVENT_ASSET_TRACK	Prevents asset tracking through EPOD	COST_CENTRE
EPOD_SEND_CLOSING_TIME	Send Location closing time to epod	SYSTEM
EPOD_SEND_CONTACT_INFO	Send Contact infromation to epod	COST_CENTRE
EPOD_SEND_DRIVER	Is the driver username included? (Y/N)	SYSTEM
EPOD_SEND_EPL_LAT_LONG	Send EPL_LAT and EPL_LONG for job addresses (Y/N)	COST_CENTRE
EPOD_SEND_EQUIPMENT	Controls if equipment requirements are sent to EPOD	SYSTEM

Ready for **What's Next, Now**™

Parameter	Description	Level
EPOD_SEND_ITEM_AKA_CODE	Send EPL_PRODUCT_CODE with the item AKA code (Y/N)	COST_CENTRE
EPOD_SEND_LOADING_TYPE	Send Loading Type to EPOD	COST_CENTRE
EPOD_SET_ACTUAL_SIGNATORY_BLANK	Set EPOD actual signatory to blank (Y/N)?	SYSTEM
EPOD_SIGNATURE_STORAGE	Store signature received from EPOD	COST_CENTRE
EPOD_SIGNATORY	Controls if signatory is stored from EPOD	SYSTEM
EPOD_SITE_ID	Alternate DB name for EPOD WS	SYSTEM
EPOD_SITE_ID_FORMAT	Indicates whether the value passed in the EPL Site ID to EPOD is the Database Name(DB), Cost Centre (CC) or Carrier ID (CI).	SYSTEM
EPOD_TNC_STORAGE	Are TNC recorded in C-TMS	COST_CENTRE
EPOD_UPDATE_ETA	Are ETAs calculated in EPOD	COST_CENTRE
EPOD_VIEW_POD_URL	URL for viewing EPOD Documents	SYSTEM
EPOD_WS_ADDRESS	EPOD Web Service End Point	SYSTEM
EPOD_WS_ADDRESS_NHSPRD	EPOD Web Service End Point	SYSTEM
EPOD_WS_MESSAGE_FORMAT	EPOD message format - can either be PARCEL or BULK to define where fields are sent in the web service message	SYSTEM
EPOD_WS_PASSWORD	EPOD Web Service Login Password	SYSTEM
EPOD_WS_TIMEOUT	Number of minutes before a WS message will be set to Held	SYSTEM
EPOD_WS_USERNAME	EPOD Web Service Login Username	SYSTEM

Ready for **What's Next, Now**™

1.3 Mode Mapping

💡 **Note:** Only MODE2 is recommended for new customers, due to the additional configurability of the interface. RETAIL is advised for products sent to EPOD at this time.

	PARCEL	RETAIL	BULK	MODE1	MODE2
EPOD_LOAD	Note: Populated this way in all modes	Note: Populated this way in all modes	Note: Populated this way in all modes	Note: Populated this way in all modes	Note: Populated this way in all modes
EPL_SITE_ID	t_site_id (configurable through EPOD_SITE_ID_FORMAT)	=>	=>	=>	=>
EPL_LOAD_ID	st.trip_id	=>	=>	=>	=>
EPL_DELETE_LOAD	"Y" if st.trip_status = "DELETED" else omitted	=>	=>	=>	=>
EPL_LOAD_START_PLANNED_DATE	st.start_time	=>	=>	=>	=>
EPL_LOAD_START_PLANNED_TIME	st.start_time	=>	=>	=>	=>
EPL_LOAD_END_PLANNED_DATE	st.end_time	=>	=>	=>	=>
EPL_LOAD_END_PLANNED_TIME	st.end_time	=>	=>	=>	=>
EPL_LOAD_DISTANCE_PLANNED	st.distance	=>	=>	=>	=>
EPL_VEHICLE_ID	st.tractor_id	=>	=>	=>	=>
EPL_USER_ID	rp.epod_username	=>	=>	=>	=>
EPL_LOAD_INFORMATION	Package Types (dry/wet ice) if present, or Equipment/qty (configurable through EPOD_SEND_EQUIPMENT)	=>	=>	=>	=>
EPL_TIMEZONE	tzm.tz_name from sts and gl.	=>	=>	=>	=>
EPOD_JOB				Extra control over which jobs are sent and whether details are included based on location/location type flags.	Extra control over which jobs are sent and whether details are included based on location/location type flags. Also swap van functionality
EPL_SITE_ID	t_site_id (configurable through EPOD_SITE_ID_FORMAT)	=>	=>	=>	=>
EPL_LOAD_ID	trip_id	=>	=>	=>	=>
EPL_JOB_ID	NULL	epod_oms_code (oms_ref + C or D)	stop_id	NULL	=>
EPL_JOB_CODE	oms_ref	N/A	N/A	oms_ref	=>
EPL_JOB_TYPE	v_job_details_parcel.job_type (based on sha.activity_name)	=>	=>	stop_type	=>
EPL_JOB_GROUP	t_job_group (configurable through EPOD_JOB_GROUP_FORMAT)	=>	=>	t_job_group (configurable through EPOD_JOB_GROUP_FORMAT) Also includes config for the location (epod_job_group_load/unload)	=>
EPL_CUST_REF	v_job_details_parcel.customer_ref (so.external_ref)	=>	N/A	external_ref	external_ref
EPL_JOB_INSTRUCTION	so.special_instructions, plus stop, order and cost-centre instructions	=>	sts.stop_id	so.special_instructions, plus stop, order and cost-centre instructions	so.special_instructions, plus stop, order and cost-centre instructions For swap van, special instructions for that linked job. If there are items that have not been correctly T2A scanned,

Ready for **What's Next, Now**™

		PARCEL	RETAIL	BULK	MODE1	MODE2
						includes warning for that. If there are no items correctly entered, includes warning for that.
EPL_START_PLANNED_DATE		arrive_date (from sts.arrive)	=>	=>	=>	=>
EPL_START_PLANNED_TIME		arrive_time (from sts.arrive)	=>	=>	=>	=>
EPL_END_PLANNED_DATE		depart_date (from sts_depart)	=>	=>	=>	=>
EPL_END_PLANNED_TIME		depart_time (from sts_depart)	=>	=>	=>	=>
EPL_DISTANCE_PLANNED		sts.distance_from_prev_stop	=>	=>	=>	=>
EPL_CUSTOMER_CODE		location_id (from_loc if loading, to_loc if unloading)	=>	=>	=>	=>
EPL_CUSTOMER_NAME		location_name (from gl, linked by the location ID above)	=>	=>	=>	=>
EPL_ADDRESS_1		address_line1	=>	=>	=>	=>
EPL_ADDRESS_2		address_line2	=>	=>	=>	=>
EPL_ADDRESS_3		address_line3	=>	=>	=>	=>
EPL_ADDRESS_4		town	=>	=>	=>	=>
EPL_ADDRESS_5		N/A	N/A	N/A	N/A	N/A
EPL_POSTCODE		postcode	=>	=>	=>	=>
EPL_CONTACT		from order contacts at that location, or location contacts for that location	=>	=>	As before, but better coded	=>
EPL_TELEPHONE		from order contacts at that location, or location contacts for that location	=>	=>	As before, but better coded	=>
EPL_EMAIL		from order contacts at that location, or location contacts for that location	=>	=>	As before, but better coded	=>
EPL_SO_NUMBER		N/A	N/A	N/A	booking_ref	=>
EPL_EXT_REF		N/A	N/A	N/A	del_point_ref	=>
EPL_SEQUENCE		N/A	N/A	N/A	stop_no	=>
EPL_LINKED_ID		N/A	N/A	N/A	t_link_id (based on whether locations are linked in CTMS) EPOD_CONSOLIDATION_LEVEL	=>
EPL_UDF_JOBSDETS		N/A	N/A	N/A	Summary of all packaging, equipment and DU types on the order. • Summary of DU types on the order lines - only counts quantity if sol.inner_lfs_package = "Y". Only adds DU type where the quantity > 0. Only sent at the FROM_LOC of order. • Summary of packaging (gel pack, dry ice) on the order lines - lines only included if there is any of those listed types only. Only sent at the FROM_LOC of order. • Summary of equipment on the order (configurable through EPOD_SEND_EQUIPMENT). Only sent at the FROM_LOC and TO_LOC of order. In UDF format.	Summary of all packaging, equipment and DU types on the order. • Summary of DU types on the order lines. Only sent at the FROM_LOC of order. • Summary of packaging (gel pack, dry ice) on the order lines - lines only included if there is any of those listed types only. Only sent at the FROM_LOC of order. • Summary of equipment on the order (configurable through EPOD_SEND_EQUIPMENT). Only sent at the FROM_LOC and TO_LOC of order. In UDF format.
EPL_OWNER_ID		N/A	N/A	N/A	N/A	lots_installed (if present) else customer (if EPOD_OWNER_CONFIG="C") else N/A

Ready for **What's Next, Now**™

	PARCEL	RETAIL	BULK	MODE1	MODE2
EPL_OWNER_NAME	oc.lots_installed	=>	N/A	oc.lots_installed	oc.lots_installed ((if EPOD_OWNER_CONFIG<>"C") else customer_name
EPL_TRAILER_ID	sts.trailer_id	=>	=>	N/A	trailer_id of swap van record if present, else N/A
EPL_TIMEZONE	N/A	N/A	N/A	t_job_tz_name	=>
EPL_LOADING_TYPE	N/A	N/A	N/A	N/A	v_loading_type (based off stop_type and location_id of stop is from_loc/to_loc of order)
EPL_SWAP_VEHICLE	N/A	N/A	N/A	N/A	"Y" if swap van else ""
EPOD_JOB_ADDRESS	N/A	N/A	N/A	"D" address sent if at FROM_LOC of order. "C" address sent if at TO_LOC of order.	=>
EPL_NAME	N/A	N/A	N/A	address_name	=>
EPL_ADDRESS_1	N/A	N/A	N/A	address_line_1	=>
EPL_ADDRESS_2	N/A	N/A	N/A	address_line_2	=>
EPL_ADDRESS_3	N/A	N/A	N/A	address_line_3	=>
EPL_ADDRESS_4	N/A	N/A	N/A	town	=>
EPL_ADDRESS_5	N/A	N/A	N/A	county	=>
EPL_POSTCODE	N/A	N/A	N/A	postcode	=>
EPL_CONTACT	N/A	N/A	N/A	from order contacts at that location, or location contacts for that location	=>
EPL_TELEPHONE	N/A	N/A	N/A	from order contacts at that location, or location contacts for that location	=>
EPL_EMAIL	N/A	N/A	N/A	from order contacts at that location, or location contacts for that location	=>
EPOD_CONTAINER				Only sent if configured (epod_send_details_load/unload of stop location/location type Configured by EPOD_ITEM_LEVEL - if IC, sending items as containers else, sending items as products - only site/job/container populated, container with value "000000000000000"	Only sent if configured (epod_send_details_load/unload of stop location/location type Configured by EPOD_ITEM_LEVEL - if IC, sending items as containers else, sending order lines as products - only site/job/container populated, container with value ""000000000000000" Container not sent if not properly T2A scanned or no pallet ID
EPL_SITE_ID	t_site_id (configurable through EPOD_SITE_ID_FORMAT)	=>	=>	=>	=>
EPL_JOB_ID	NULL	epod_oms_code (oms_ref + C or D)	sts.stop_id	NULL	=>
EPL_CONTAINER_ID	soi.item_identifier	container_id (sol.oms_ref * 1000+sol.line_no)	container_id (sol.oms_ref * 1000+sol.line_no)	item_identifier (with suffix removed if reusable asset)	pallet_id
EPL_SEQUENCE	I (a count)	N/A	N/A	I (count)	I (count)
EPL_CONTAINER_PACKAGE_CODE	soi.prod_type_id	package_code (sol.product_type)	N/A	du_type	=>
EPL_CONTAINER_PACKAGE_DESC	soi.item_description	description (sol.quantity +sol.product_type +	N/A	du_desc	=>

Ready for **What's Next, Now**™

	PARCEL	RETAIL	BULK	MODE1	MODE2
		sol.du_type)			
EPL_GROSS_WEIGHT	soi.gross_weight	gross_weight (sol.weight)	gross_weight (sol.weight)	r_items.gross_weight	v_gross_weight
EPL_CODE_1	dimension from soi.item_aka_code	dimension (sol.dimension if present, otherwise max value from eoi.item_aka_code	N/A	Based on EPOD_CONTAINER_CODE1 DIMS - r_items.dims PART 0 v_part_no	=>
EPL_CODE_2	N/A	N/A	N/A	Based on EPOD_CONTAINER_CODE2 DIMS - r_items.dims PART 0 v_part_no	=>
EPL_CODE_3	N/A	N/A	N/A	Based on EPOD_CONTAINER_CODE3 DIMS - r_items.dims PART 0 v_part_no	=>
EPL_DESCRIPTION_LONG	N/A	N/A	N/A	Based on EPOD_CONTAINER_DESCRIPTION COMMODITY - commodity DESCRIPTION - item_description PROD_DESC - dimension-item_description	=>
EPL_FLAGS	Fields, including HAZARDOUS, GEL, DRY and RADIO. Note that all of this information is blanked in PARCEL mode)	=>	N/A	Fields, including HAZARDOUS, GEL, DRY and RADIO.	=>
EPL_VALID_DATE	N/A	N/A	N/A	N/A	v_validate_date
EPL_VALID_TIME	N/A	N/A	N/A	N/A	v_validate_date
EPOD_PRODUCT	N/A	Per container	Per container	Configured by EPOD_ITEM_LEVEL - if IC, sending items as containers else, sending lines as products - only site/job/container populated, container with value "000000000000000"	=>
EPL_SITE_ID	N/A	t_site_id (configurable through EPOD_SITE_ID_FORMAT)	=>	=>	=>
EPL_JOB_ID	N/A	epod_oms_code (oms_ref + C or D)	stop_id	oms_ref	=>
EPL_CONTAINER_ID	N/A	container_id (sol.oms_ref * 1000+sol.line_no)	container_id	N/A	=>
EPL_PRODUCT_CODE	N/A	soi.item_identifier	soi.item_identifier	du_type	=>
EPL_SEQUENCE	N/A	0001	=>	line_no	=>
EPL_CUST_REF	N/A	cust_ref (item_aka_code)	N/A	N/A	=>
EPL_DESCRIPTION	N/A	soi.item_description	soi.item_description	v_du_desc	=>
EPL_PRODUCT_QTY_PLANNED	N/A	soi.qty_ordered	soi.qty_ordered	quantity	=>

Ready for **What's Next, Now**™

	PARCEL	RETAIL	BULK	MODE1	MODE2
EPL_ITEM_TYPE	N/A	item_type (soi.du_type)	N/A	product_type	=>
EPL_UNIT_TYPE	N/A	soi.prod_type_id	soi.prod_type_id	N/A	=>
EPL_PRODUCT_WEIGHT	N/A	soi.weight	soi.weight	gross_weight	=>

Ready for **What's Next, Now**™