

We are currently updating our site; thank you for your patience.

## ACCOUNTS

### ACCOUNT DRIVERS – HIGH LEVEL – FINANCIAL TRANSACTIONS

#### NUCLEUS SERVICE AND FINANCIAL TRANSACTIONS

##### TRANSACTION PROCESSING

Within Nucleus Service there are various financial transactions that fulfil business process and financial requirements. The use of accounting in Nucleus Service is kept to a minimum, so that users do not need to have accounting knowledge to successfully process financial transactions.

Included in the launch of Nucleus Software Suite; is our own financial system named [Nucleus Accounts](#). Financial transactions processed in Nucleus Service and the financial effects are accessible in Nucleus Accounts by means of account drivers.

**Configuration:Financial System = BPO** for the [site\(s\)](#) with the Nucleus Service database name.

The other main financial system that can be used is Sage Evolution where the relevant. Transactions are posted in Nucleus Service and the financial effects thereof posted to Sage Evolution by means of accounting drivers.

**Configuration:Financial System = EVOLUTION** for the [site\(s\)](#) with the Sage Evolution database name.

If you are using a financial system other than Nucleus Accounts or Sage Evolution, Nucleus Service can be configured to write these financial transactions

to tables within Nucleus Service. These can be reported on and input in the selected financial system.

**Configuration:Financial System = BPO** for the site(s) with the Nucleus Service database name.

## ACCOUNT DRIVERS

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An accounts driver is an event that will check the transaction you are busy with on Nucleus Service and verify whether there is a financial effect to be posted to Sage Evolution.

The drivers are configured with the following details per driver code (which relates to a transaction type):

- Item Target Account (Yes/No)
- Target Ledger Account (Relevant GL Account)
- Entry Sign (Dr/Cr)
- Value to Post (GVAL/NVAL/TVAL)
- Ignore Segments (Yes/No)
- Segment Type (Up to 5 Segments)

## GL TRANSACTION POSTING INFO

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Here is some information on references and descriptions that pull through on the transaction in the General Ledger:

- Narrative: BPO: Driver Code Description, e.g. 'BPO: Goods Received Note'. If the account code specified does not exist in Nucleus Accounts or Sage Evolution, this account code will be included in the description – BPO: AccCode: Driver Code Description e.g. BPO: 7042: Goods Received Note
- Reference: Nucleus Service's document number, e.g. Goods Received Note no: GRN00102

- cReference2: Second reference, e.g. Purchase Order relating to the GRN: PO00100
- cPayeeName: Composite code describing the Nucleus Service information relating to the transaction item: 'PayeeName Item Code': BPO Item Code and Description e.g. STK: SP1212: Colour Copier

### 'PayeeName' Item Codes:

- STK: Stock
- SVC: Service
- EXP: Expenses
- LAB: Labour
- TVL: Travel
- WAR: Warranty

## ITEM TARGET ACCOUNT

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When transactions are posted, Nucleus Service will reference the Account Driver set-up to see whether to use the Target Account or not.

If the transaction is configured to use the Item Target Account (set to 'Yes'), then Nucleus Service will look for and post to this Target Account (varies depending on the transaction – view the relevant transaction notes for the source of this Target Account Source).

If this Target Account was not specified, or the transaction is not configured to use the Target Account, then Nucleus Service will post to the Target Ledger Account as set up in the Account Drivers table.

Example of possible Item Target Type Iterations:

- CTIT: COS Account on the contract item linked to a call
- ACAT: Part Category of the Asset linked to a call

- PTCA: Part Category

## **TARGET LEDGER ACCOUNT**

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Relevant General Ledger (GL) Account Code where the transaction will always post to, if 'Item Target Account' is set to 'No'.

If 'Item Target Account' is set to 'Yes', but Nucleus Service cannot find a GL Account Code configured on the Target Account Source, Nucleus Service will use the Target Ledger Account.

## **ENTRY SIGN**

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Each transaction leg will be defined as either a **Debit** or a **Credit**

## **VALUE TO POST**

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Each transaction leg will be configured to post one of the following three value types:

- GVAL - Gross Value
- NVAL - Net Value
- TVAL - Tax value

## **SEGMENTS**

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The standard Nucleus Service Chart of Accounts (COA) is not segmented. This type of Chart of Accounts is the easiest to use and accommodates most client requirements. However, some clients require the ability to report by Branch and/or Department within the Income Statement, and therefore, a Segmented Ledger will be configured.

Where transactions are posted to an account code that is not segmented, (for a segmented or non-segmented ledger), Nucleus Service will not take segments into account. In this case, 'Ignore Segments' will be set to 'Yes'.

If your Chart of Accounts is segmented, the Account Drivers will be configured accordingly. For transactions that should post to a segmented account code, e.g. Sales to a specific Branch; Nucleus Service will fetch the segments, and post to that relevant account at the time of the transaction. In this case, 'Ignore Segments' will be set to 'No'.

In order to fetch the segments, the Segment Types must be configured for the relevant transaction leg. These are the segment types that could be used, depending on the transaction:

- ACDP: Customer Account Manager Department
- CDPT: Contract Department or Machine Technician Department
- CUST: Customer
- DEMP: Salesman Department
- DSIT: Salesman Department Site
- IDEP: Item Department
- IDST: Item Department Site
- PTCA: Part Category
- SITE: Site (Branch)
- SUPP: Supplier
- WHSE: Warehouse

### Item Target Account and Segment Mapping Reference Table:

Drive Code	Item Target Type Options	Segment Mapping Options
<u>CPWC</u> , <u>OPWC</u>		CDPT
<u>CWCT</u> , <u>OWCT</u>	CTIT, ACAT, PTCA	CUST, DEMP, PTCA, SITE, CDPT

Drive Code	Item Target Type Options	Segment Mapping Options
<u>CPWP</u> , <u>OPWP</u>		CDPT, CUST, DEMP, PTCA, SITE, WHSE
<u>CWIP</u> , <u>OWIP</u>	CTIT, ACAT, PTCA	CUST, DEMP, PTCA, SITE, WHSE
<u>CCBB</u> , <u>CIBB</u> , <u>IRCP</u> , <u>CTCN</u> , <u>CTIN</u>		CDPT, CUST, DEMP, DSIT, PTCA, SITE
<u>PRPD</u> , <u>PSPD</u> , <u>PRWO</u> , <u>PSWO</u>		CDPT, CUST, DEMP, DSIT, PTCA, SITE, WHSE
<u>CCON</u> , <u>CCOS</u> , <u>CINV</u> , <u>CRNT</u> , <u>ICON</u> , <u>ICOS</u>		CUST, DEMP, DSIT, IDEP, IDST, PTCA, SITE, WHSE
<u>PRET</u> , <u>PSIN</u>		CUST, DEMP, PTCA, SITE, WHSE
<u>PADI</u> , <u>PAJI</u> , <u>REVD</u> , <u>REVI</u> , <u>REVB</u> , <u>SAJD</u> , <u>SAJI</u> , <u>STKD</u> , <u>STKI</u>		DEMP, DSIT, PTCA, SITE, WHSE
<u>TADI</u> , <u>TADJ</u> , <u>TRIN</u> , <u>TROU</u>		DEMP, PTCA, SITE, WHSE
<u>CDEP</u> , <u>PDEP</u>		PTCA, SITE
<u>DNVA</u> , <u>NSRN</u> , <u>SIVA</u>		SITE, SUPP
<u>WARO</u>		DEMP, PTCA, SITE, SUPP
<u>WARP</u>		DEMP, PTCA, SITE, SUPP, WHSE
<u>DBNT</u> , <u>SIBB</u> , <u>SINV</u>		PTCA, SITE, SUPP
<u>NGRN</u> , <u>PGRN</u> , <u>PSRN</u>		PTCA, SITE, SUPP, WHSE

## SUSPENSE ACCOUNT

The suspense account was created because Pastel Evolution does not allow transactions to post to an invalid GL account code. If the Target Ledger Account, or GL Account Code on the Target Account Source are not

configured (or are incorrectly configured, e.g. account specified does not exist in the Chart of Accounts), the transaction will post to the Suspense account.

This enables Nucleus Service and Pastel to process the transaction, and the user to identify configuration issues afterwards. The first thing the user can do is check that the target account source is correctly set up. If that is not the problem, the account driver configuration must be analysed and corrected.

Where Nucleus Service is meant to fetch the account code from the target source, but the source is incorrect, it is best to enforce that Nucleus Service posts this transaction to suspense by setting up the Driver Target Ledger Account as '0', in order to identify and correct the source.

Users will 'correct' the transaction that was posted to the suspense account with a journal in pastel.

## CONTROL ACCOUNT & SUB LEDGERS

A Control Account is the sum total of the transactions processed within its sub ledger, e.g. Supplier Control Account would list the total of all transactions in the individual supplier accounts (sub ledgers).

## DRIVER CODES

Code	Transaction Type	Code	Transaction Type
<u>PGRN</u>	Goods Received Note	<u>CWCT</u>	Close Work Order - Non Stock
CGRN	Cancel GRN (obsolete - use PSRN)	<u>CINV</u>	Sales Invoice
<u>NGRN</u>	Non Stock GRN	<u>ICON</u>	Sales Invoice - COS Service
CNGR	Cancel Non Stock GRN (obsol-	<u>ICOS</u>	Sales Invoice - COS

Code	Transaction Type	Code	Transaction Type
	ete - use NSRN)		Stock
<a href="#"><u>SINV</u></a>	Supplier Invoice	<a href="#"><u>CRNT</u></a>	Credit Note
<a href="#"><u>SIVA</u></a>	Supplier Invoice Variance	<a href="#"><u>CCON</u></a>	Credit Note - COS Service
<a href="#"><u>PSRN</u></a>	Supplier Return Note - Stock	<a href="#"><u>CCOS</u></a>	Credit Note - COS Stock
<a href="#"><u>NSRN</u></a>	Non Stock Return Note	<a href="#"><u>CTIN</u></a>	Contract Invoice
<a href="#"><u>DBNT</u></a>	Supplier Debit Note	<a href="#"><u>CTCN</u></a>	Contract Credit Note
<a href="#"><u>DNVA</u></a>	Supplier Debit Note Variance	<a href="#"><u>IRCP</u></a>	Debit Order Payment
<a href="#"><u>SAJI</u></a>	Stock Adjustment - Increase	<a href="#"><u>PDEP</u></a>	Period Depreciation
<a href="#"><u>SAJD</u></a>	Stock Adjustment - Decrease	<a href="#"><u>CDEP</u></a>	Reverse Accumulated Depreciation
<a href="#"><u>TADI</u></a>	Serialised Stock Adjustment - Increase	<a href="#"><u>REVD</u></a>	Stock Revaluation - Return
<a href="#"><u>TADJ</u></a>	Serialised Stock Adjustment - Decrease	<a href="#"><u>REVI</u></a>	Stock Revaluation - Issue
<a href="#"><u>STKI</u></a>	Stock Take - Increase	<a href="#"><u>REVB</u></a>	GRN Revaluation NGRN Portion
<a href="#"><u>STKD</u></a>	Stock Take - Decrease	<a href="#"><u>CCBB</u></a>	Contract CR Note - Back to Back
<a href="#"><u>TRIN</u></a>	Stock Transfer - In	<a href="#"><u>CIBB</u></a>	Contract Invoice - Back to Back
<a href="#"><u>TROU</u></a>	Stock Transfer - Out	<a href="#"><u>SIBB</u></a>	Supplier Invoice - Back to Back
<a href="#"><u>PSWO</u></a>	Stock Issue - Work Order	<a href="#"><u>PSPD</u></a>	Production Issue - Work Order
<a href="#"><u>PRWO</u></a>	Stock Return -Work Order	<a href="#"><u>PRPD</u></a>	Production Part Return
<a href="#"><u>PSIN</u></a>	Stock Issue - Invoice	<a href="#"><u>CPWC</u></a>	Close Production WO



Code	Transaction Type	Code	Transaction Type
			Contracts
<u>PRET</u>	Stock Return - Invoice	<u>CPWP</u>	Close Production WO Parts
<u>WARP</u>	Warranty Claim - Parts	<u>PADI</u>	Serialized Finished Goods
<u>WARO</u>	Warranty Claim - Parts	<u>PAJI</u>	Non Serialized Finished Goods
<u>OWIP</u>	Open Work Order - Stock	<u>OPWC</u>	Open Production WO Contracts
<u>CWIP</u>	Close Work Order - Stock	<u>OPWP</u>	Open Production WO Parts
<u>OWCT</u>	Open Work Order - Non Stock		

## NUCLEUS ACCOUNTS SPECIFIC TRANSACTION TYPES

Code	Transaction Type	Code	Transaction Type
APJRNL	Accounts Payable Ledger Journals	ARJRNL	Account Receivable Ledger Journals
CBJRNL	Cash Book Ledger Journals	JRNL	Ledger Journals
CRINV	Creditors / Supplier Invoice	DINV	Debtors / Customer Invoice
CRDN	Creditors Debit Note	DBCN	Debtors Credit Note

**Related Topics** (We are currently updating our site; thank you for your patience.)

- Add a New Driver
- Edit a Driver

CNFG.ACCT.DRV.Intro

