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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 <u>site</u>(s) with the Nucleus Service database name.

ACCOUNT DRIVERS

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

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

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

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

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

VALUE TO POST

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

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
CPWC, OPWC		CDPT
CWCT, OWCT	CTIT, ACAT, PTCA	CUST, DEMP, PTCA, SITE, CDPT

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

DRIVER CODES

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

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

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