

# SEMS Version X.0.0

## *Release Notes*

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## 2 MAIN FEATURES IN BRIEF.

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- Accounts
  - Cash projection for company showing all party types.
  - Accounting Periods.
    - Allow closed and closing periods to be reopened.
    - Allow the financial year to be changed.
  - Duplicate Bank Transactions Imported from Mira – detected.
- New Performance Analysis Reports Framework
  - New Performance Analysis Implemented Reports
    - Sales Order items by Transaction Type
    - Purchase Order Items by Transaction Type
    - Stage Completed Report
- General Ledger
  - Four new default account settings for internal department accounts.
  - General Ledger Rules for Internal orders deliveries and Internal order receipts.
  - General Ledger Budgets changes
  - New Actual versus Budget variance report.
  - Chart of accounts, prevent account being made active if multiple accounts exist with the same department for one parent account.
  - G/L Batch Detail report.
- Scheduling order items
  - Show delivery address and term information
- Stock Analysis
  - Return Resource Type Name
- Online Help
  - Specific help documents can be placed in hierarchy menu for large collection.
  - New Online help for:
    - Replenish Orders for Scheduled Batches
    - Replenish from Stock
    - Replenish Sales/Internal Order
    - Replenish Materials for Orders
    - Replenish Materials for Scheduled Batches
    - Bulk Replenish Orders
    - Replenish Process Orders
    - Stock Overview
    - Stock Analysis
    - Actual Stock
    - Actual Demand
    - Actual Supply
    - Consolidated Stock
    - Stock Types
    - Projected Stock
    - Projected Supply
    - Projected Demand
    - Consolidated with Provisional (Projected) Supply
    - Outstanding Projected Supply
    - Outstanding Projected Demand
    - Provisional (Projected) Supply

- Stock Reorder Settings Overview
- Set Reorder Information
- Directory settings
- Reorder Settings
  - Set Average Daily Demand based on Projected Demand
  - Stock Target

#### Bug Fixes

- Reinstate item price records when manually deleted.
- Aged Search Report now excludes Reversed records.
- New Chart of Account record nows save the department Rule.
- Accounting Rule will still be displayed even if no role has been set.
- Stock Take Journal. Changing departments no longer requires screen to be closed and reopened.

# 3 ACCOUNTING PERIODS

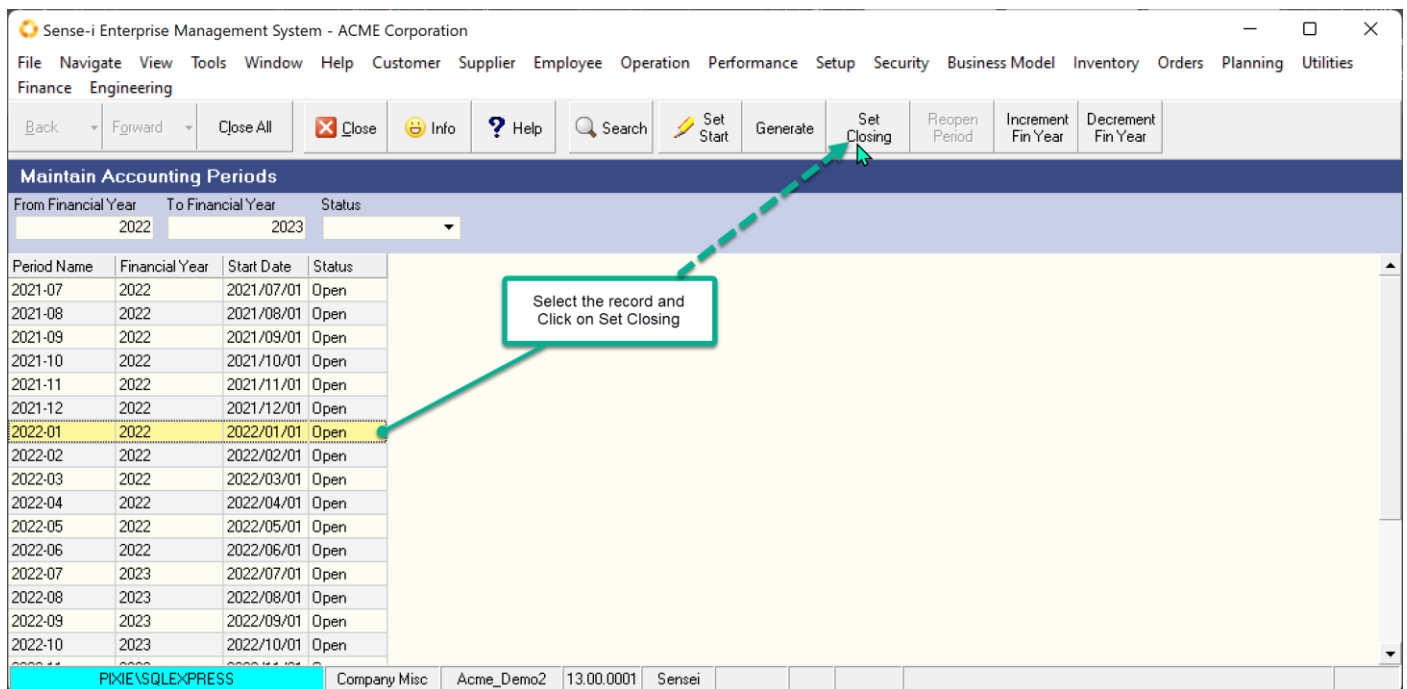
## 3.1 CLOSING AND OPENING ACCOUNTING PERIODS

An accounting period can be in one of three statuses:

- Open  
Transaction can be added and removed from this period.
- Closing  
No new transactions can be added or removed from this period. The accountant may, however, continue to import and post batches.
- Closed.  
Nothing further be done to this period.

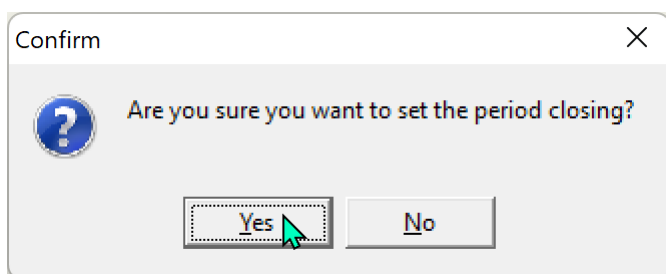
The screen below shows the financial periods with their statuses.

If you have the correct permissions you will be able to change the status of the period. (Security ID 1902)



Select the record to be changed and click on the Set Closing Button.

A confirmation message will be displayed.



If you choose to set the period closing the screen below will show.

Sense-i Enterprise Management System - ACME Corporation

File Navigate View Tools Window Help Customer Supplier Employee Operation Performance Setup Security Business Model Inventory Orders Planning Utilities

Finance Engineering

Back Forward Close All Close Info Help Search Set Start Generate Close Period Reopen Period Increment Fin Year Decrement Fin Year

### Maintain Accounting Periods

From Financial Year: 2022 To Financial Year: 2023 Status:

Period Name	Financial Year	Start Date	Status
2021-07	2022	2021/07/01	Open
2021-08	2022	2021/08/01	Open
2021-09	2022	2021/09/01	Open
2021-10	2022	2021/10/01	Open
2021-11	2022	2021/11/01	Open
2021-12	2022	2021/12/01	Open
2022-01	2022	2022/01/01	Closing
2022-02	2022	2022/02/01	Open
2022-03	2022	2022/03/01	Open
2022-04	2022	2022/04/01	Open
2022-05	2022	2022/05/01	Open
2022-06	2022	2022/06/01	Open
2022-07	2023	2022/07/01	Open
2022-08	2023	2022/08/01	Open
2022-09	2023	2022/09/01	Open
2022-10	2023	2022/10/01	Open
2022-11	2023	2022/11/01	Open
2022-12	2023	2022/12/01	Open

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The new status of the record is shown and in addition, 2 of the actions buttons have changed.

The action buttons now offer the choice of Closing the period or Reopening it.

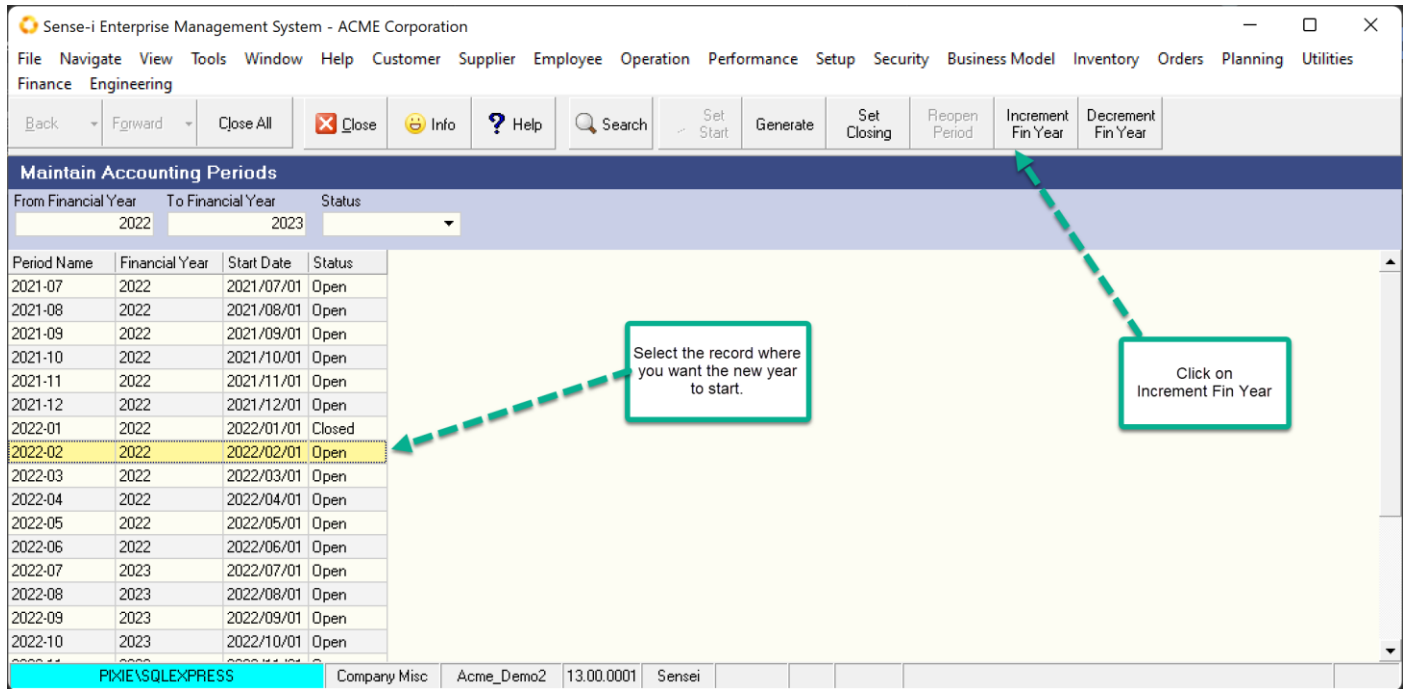
Clicking on either of these will present you with a confirmation dialogue and on accepting change the status as expected.

### 3.2 ALTERING THE FINANCIAL YEAR

Navigate to Finance > Setup/Tools > Accounting Period.

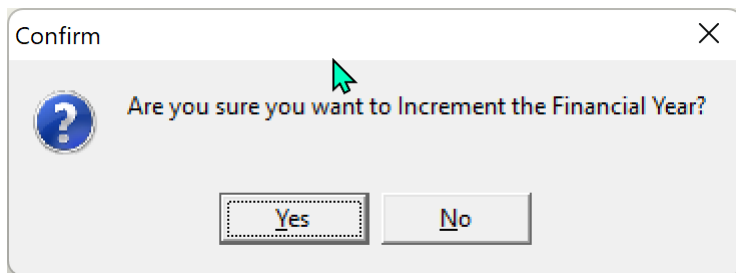
The screen below shows the financial periods with their statuses.

If you have the correct security permission you will see the Increment Fin Year and Decrement Fin Year. (Security ID 1904)



In this example we want to move the financial year to start 2023 in February of 2022.

Select the record and click on the Increment Fin Year button.



A confirmation dialogue is displayed. Continuing will increment the selected period and ALL future periods (within reason – IE Cannot be more than a year ahead).

Below we see the result.

Sense-i Enterprise Management System - ACME Corporation

File Navigate View Tools Window Help Customer Supplier Employee Operation Performance Setup Security Business Model Inventory Orders  
 Planning Utilities Finance Engineering

Back Forward Close All Close Info Help Search Set Start Generate Set Closing Reopen Period Increment Fin Year Decrement Fin Year

### Maintain Accounting Periods

From Financial Year: 2022 To Financial Year: 2025 Status: [v]

Period Name	Financial Year	Start Date	Status
2021-07	2022	2021/07/01	Open
2021-08	2022	2021/08/01	Open
2021-09	2022	2021/09/01	Open
2021-10	2022	2021/10/01	Open
2021-11	2022	2021/11/01	Open
2021-12	2022	2021/12/01	Open
2022-01	2022	2022/01/01	Closed
2022-02	2023	2022/02/01	Open
2022-03	2023	2022/03/01	Open
2022-04	2023	2022/04/01	Open
2022-05	2023	2022/05/01	Open
2022-06	2023	2022/06/01	Open
2022-07	2023	2022/07/01	Open
2022-08	2023	2022/08/01	Open
2022-09	2023	2022/09/01	Open
2022-10	2023	2022/10/01	Open
2022-11	2023	2022/11/01	Open
2022-12	2023	2022/12/01	Open
2023-01	2024	2023/01/01	Open
2023-02	2024	2023/02/01	Open
2023-03	2024	2023/03/01	Open
2023-04	2024	2023/04/01	Open

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The financial periods have rolled forward but we note that the following January has moved up. We need to set this back.

Select the row and click on Decrement Fin Year.

A confirmation dialogue will be displayed. Note. Decrementing the period will ONLY affect the row you have selected.

Sense-i Enterprise Management System - ACME Corporation

File Navigate View Tools Window Help Customer Supplier Employee Operation Performance Setup Security Business Model Inventory Orders Planning Utilities  
 Finance Engineering

Back Forward Close All Close Info Help Search Set Start Generate Set Closing Reopen Period Increment Fin Year Decrement Fin Year

### Maintain Accounting Periods

From Financial Year: 2022 To Financial Year: 2025 Status: [v]

Period Name	Financial Year	Start Date	Status
2022-01	2022	2022/01/01	Closed
2022-02	2023	2022/02/01	Open
2022-03	2023	2022/03/01	Open
2022-04	2023	2022/04/01	Open
2022-05	2023	2022/05/01	Open
2022-06	2023	2022/06/01	Open
2022-07	2023	2022/07/01	Open
2022-08	2023	2022/08/01	Open
2022-09	2023	2022/09/01	Open
2022-10	2023	2022/10/01	Open
2022-11	2023	2022/11/01	Open
2022-12	2023	2022/12/01	Open
2023-01	2023	2023/01/01	Open
2023-02	2024	2023/02/01	Open
2023-03	2024	2023/03/01	Open
2023-04	2024	2023/04/01	Open
2023-05	2024	2023/05/01	Open
2023-06	2024	2023/06/01	Open
2023-07	2024	2023/07/01	Open
2023-08	2024	2023/08/01	Open
2023-09	2024	2023/09/01	Open
2023-10	2024	2023/10/01	Open

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## 4 PERFORMANCE ANALYSIS REPORT FRAMEWORK

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This feature allows one to define a report and publish it on the system without having to roll out a new build.

Creating a new report requires a stored procedure and a definition. The types of reports are date/ time based, and may be run for one or all departments. The data is presented in generated period columns.

The signature for the stored procedure must adhere to certain rules and return the data as defined by the definition.

```
create procedure YourProcName
( @Repid          int          --(REQUIRED)
, @FromDate      datetime     --(OPTION 1) - If Run by Range
, @ToDate        datetime     --(OPTION 1)
, @DateTypeStr   varchar(250) --(OPTION 1)
, @AcpId         int          --(OPTION 2) - If run by Accounting Period
, @AcpIdEnd      int          --(OPTION 2)
, @Osnid         int          --(REQUIRED)
, @PickStr1      varchar(8)   --(OPTIONAL)
, @PickStr2      varchar(8)   --(OPTIONAL)
, @PickInt1      varchar(8)   --(OPTIONAL)
, @PickInt2      varchar(8)   --(OPTIONAL)
```

The definition contains the

- The report name.
- The date type: Account Period or Date Range criteria (Daily, Weekly, Monthly, Bimonthly, Annually)
- Up to two additional search criteria drop down list (Pick list header).
  - Name of search criteria
  - Type of search criteria (number or string)
- Search criteria values (Pick List items)
  - Item Caption
  - Item Value
- The Stored Procedure Name.
- A collection of Band definitions
  - Band Name
  - Band Type ( Standard, Generated Band Period, Generated Column Period)
- A collection of Column definitions.
  - Column Name
  - Field Name (Linked to the value in the stored Proc)
  - Column Size
  - Column Type (M=Std String, C = Currency, X = CheckBox)
  - Column Format (Qty, Currency,)
  - Hide Zeros
  - Summary Rules
- A Security Code. (SAF)
- Report Bands
  - Overwritten Caption
  - Band Sequence
  - Overwritten Field Name for generated column.

All Generated reports are accessible from then main menu > Performance > Performance Analysis.

The collection of automatically generated reports will be presented.

Below is a sample of a generated report showing the elements of the definition.



Sense-i Enterprise Management System - ACME Corporation

Report Name | Tool | Date Type (Accounting Period) | Department | Custom Pick List | Performance | Setup | Security | Business Model | Inventory | Orders | Planning | Utilities | Finance | Engineering

**Sales Item Analysis**

Accounting Period: 2022-01 To Period: 2022-02 Department: Production CPT Sales Type: Order

Pick List Header: Pick List Item

Item Code	Item Name	Item Category	Resource Group	Item Group	Item Type Info	Department	Quantity		Selling Price	
							2022-01	2022-02	2022-01	2022-02
DR-00012	Reupholster items	Component	Design Remedy	Design Request	Production CPT		2		4 000.00	
26070/003	Delivery Charge - Production SPT	Material	GL Account	Expenses	Production CPT		19	22	13 139.34	14 745.87
UF/R-00045	Fabric - Standard Bands	Material	Upholstery	Fabric	Production CPT			12		2 600.00
UF/R-00050	Fabric - Standard Bands	Material	Upholstery	Fabric	Production CPT			10		2 420.00
UF/R-00119	Fabric - Luxury: Nutmeg	Material	Upholstery	Fabric	Production CPT			10		2 420.00
UF/R-00129	Fabric - Luxury: Taupe	Material	Upholstery	Fabric	Production CPT			15		4 500.00
UF/R-00144	Top - Standard Columns	Material	Upholstery	Fabric	Production CPT			3		10 200.00
UF/R-00145	BR - Standard Columns	Material	Upholstery	Fabric	Production CPT			12		2 880.00
UF/R-00146	BR - add oak trim bases to spun chairs	Material	Upholstery	Fabric	Production CPT			2		600.00
UF/R-00147	Fabric return and credit - HF exchanged fabric	Material	Upholstery	Fabric	Production CPT			1		2 729.19
CO/E-00006	Chair Skagen - Eero Armchair 870 x 700 x 770	Component	Chair	Occasional Chair	Production CPT			2		12 130.00
CO/E-00011	Chair Skye - Eero Upright chair 770 x 770	Component	Chair	Occasional Chair	Production CPT		1		6 520.87	
CO/E-00046	Chair Skye - Malin Upright chair x x mm	Component	Chair	Occasional Chair	Production CPT		4		31 300.84	
CO/E-00047	Chair Skye - Sade Armchair x x mm with	Component	Chair	Occasional Chair	Production CPT		2		15 511.30	
CO/E-00048	Chair Skye - Sade Armchair 870 x 700 x 770	Component	Chair	Occasional Chair	Production CPT		2		13 911.30	
CO/E-00049	Chair Skye - Sade Armchair 860 x 750 x 770	Component	Chair	Occasional Chair	Production CPT		1	1	1 800.00	1 800.00
CO/E-00050	Chair Skye - Sade Armchair x x mm with	Component	Chair	Occasional Chair	Production CPT		1		6 608.00	
CO/E-00055	Georgia Occasional Chair, Fully Upholster	Component	Chair	Occasional Chair	Production CPT		2		7 824.35	
CO/E-00056	Chair Skye - Sade Upright chair x x mm	Component	Chair	Occasional Chair	Production CPT		1		3 694.78	
CO/E-00057	Chair Skye - Sade Upright chair x x mm	Component	Chair	Occasional Chair	Production CPT		2	1	13 912.00	6 956.00
CO/E-00058	Chair Skye - Sade Upright chair x x mm	Component	Chair	Occasional Chair	Production CPT			1		1.00
CO/E-00059	Chair Skye - Sade Upright chair x x mm	Component	Chair	Occasional Chair	Production CPT			1		5 200.00
CO/E-00061	Chair Skye - Sade Upright chair x x mm	Component	Chair	Occasional Chair	Production CPT			1		5 200.00
							452	444	1 670 883.20	1 715 740.00

Sum Rules

## 5 SYSTEM SETTINGS

### 5.1 NEW SECURITY SETTINGS

- 715 Stock Analysis Reorder Settings
- 1610 Performance Analysis - Sales Items by transaction type
- 1611 Performance Analysis - Purchase Items by transaction type
- 1612 Performance Analysis - Stage Complete
- 1902 Set Closing, Closed an Reopen Accounting Period
- 1904 G/L Accounting Period - Change Financial Year
- 4021 Company Cash Projection
- 4800 G/L Account Budget
- 4801 G/L Actual vs Budget Report

## 5.2 GENERAL LEDGER SET UP DEFAULTS FOR INTERNAL ORDERS

There are 4 Default Accounts that need to be set up for Internal orders.

These are:

- Internal Order Sales Account
- Internal Order Clearing Account
- Internal Cost of Sales
- Internal Order Tax Control Account

Navigate to Finances > Setup/Tools > Chart of accounts.

Create a parent account for each of the accounts above – indicating that the child will resolve the department.

(Security Id 1911)

Example

The screenshot shows the 'Add Account' window with the following details:

- Account Profile:** Statement: Income Statement, Type: Income, Account Group: Sales, Status: Active.
- Parent Account:** Account No: [empty], Account Name: [empty].
- Current Account:** Account No: 42000/000, Account Name: I/O Sales.
- Description:** [empty].
- Department Rule:** Child Resolves Department (highlighted).
- Department:** [empty].

A callout box points to the 'Department Rule' dropdown with the text: "The Parent Account sets the department rules".

For each department create the corresponding child account.

**Edit Account**

Close Info Help Save

**Account Profile** | Posting Profile

Statement: Income Statement | Type: Income

Account Group: Sales | Status: Active

Parent Account

Account No: 42000/000 | Account Name: I/O Sales

Account No: 42000/SPLASH | Account Name: I/O Sales - Slash Showroom CPT

Description:   
 Child account sets the department.

Department Rule: Has Department | Department: Splash Showroom CPT

Once the accounts have been created the PARENT account need to be set as the defaults

Security Id (1912)

Navigate to Finances > Setup/Tools > G/L Defaults

**G/L Accounts**

Close Info Help Save

Use Department Accounting:

**Tax Defaults**

G/L Account Code: 10000/001 | Tax Control Account: VAT Payable

**Customer Defaults**

G/L Account Code: 2000/000 | G/L Control Account: Accounts Receivable

G/L Account Code: 2010/000 | G/L Clearing Account: SODN-SOINV Clearing Account

G/L Account Code: 18200/000 | Settlement Discount G/L: Settlement Discount

**Supplier Defaults**

G/L Account Code: 12000/001 | G/L Control Account: Accounts Payable Clearing Account

G/L Account Code: 12000/010 | G/L Clearing Account: POREC/POINV Clearing Account

G/L Account Code: 18200/000 | Settlement Discount G/L: Settlement Discount

**Item / Item Type Defaults**

G/L Account Code: 18000/000 |   
 G/L Account Code: 18010/000 |   
 G/L Account Code: 19000/000 | Cost of Goods Sold |   
 G/L Account Code: 19100/003 | Stock Variance | Stock Variance - F.G. - Production CPT |   
 G/L Account Code: 4000/000 | Work In Progress | Inventory - WIP |   
 G/L Account Code: 5000/000 | Procurement | Raw Materials

**Internal Orders Department Defaults**

G/L Account Code: | G/L Internal Order Sales Account |   
 G/L Account Code: | G/L Internal Order Clearing Account |   
 G/L Account Code: | Internal Order Cost of Sales |   
 G/L Account Code: | Internal Orders Tax Control Account |

Account Posting rules for Internal Orders require these accounts to be set up

### 5.3 REPLENISH SETTINGS – BULK REPLENISH. STOCK DAYS TO PLAN

Bulk replenishment calculates the need at the end of the period. The number of days of the period is set here.

Navigate to Setup > Settings > Replenish Settings

