

Configuring Inventory Replenishment for Manufactured Items

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This guide explains how to manage inventory replenishment for manufactured items. It is intended for general users.

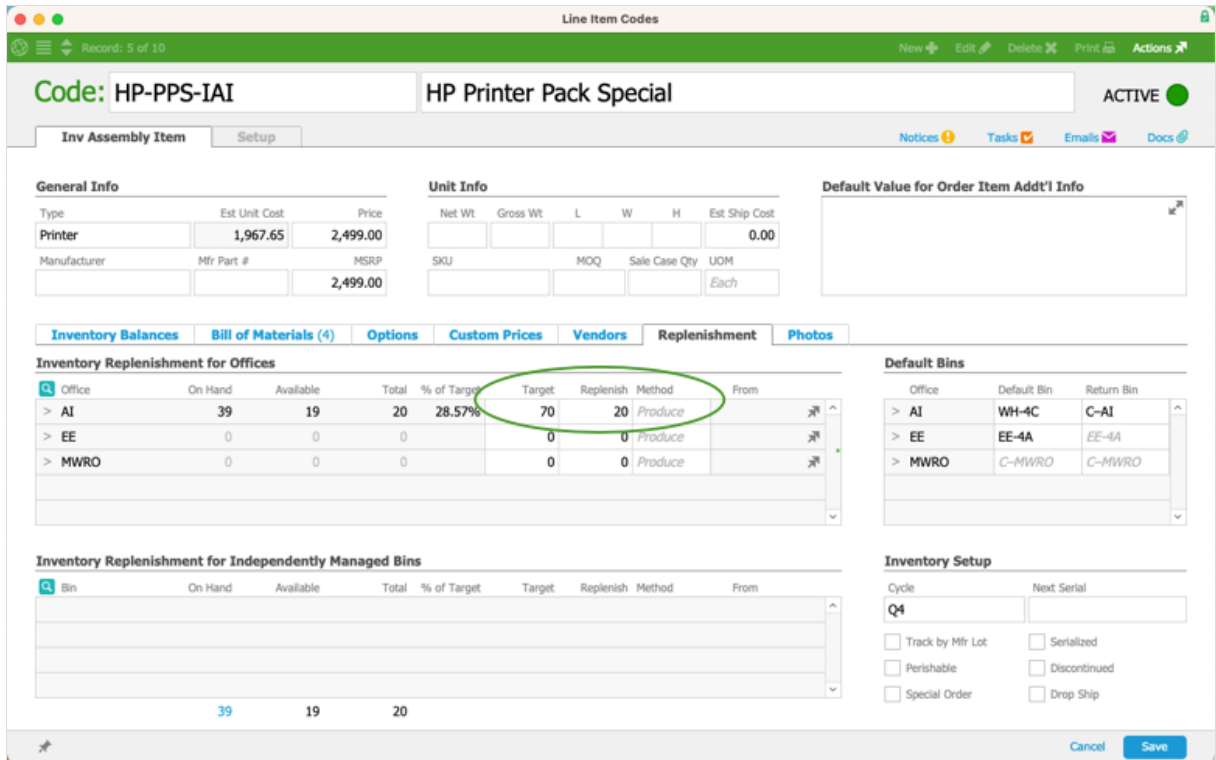
You can keep made-to-stock inventory items that you manufacture at just the right levels using aACE's robust automation features. Once you [understand how to work with the inventory replenishment](https://aace6.knowledgeowl.com/help/understanding-inventory-replenishment-for-purchased-items) (<https://aace6.knowledgeowl.com/help/understanding-inventory-replenishment-for-purchased-items>) tools, implementing the feature for inventory assembly items involves three stages:

1. Set the replenishment fields on your line item codes (LICs)
2. Configure the automation schedule in your system preferences (requires System Admin user group)
3. Configure the company records

1. Set the Replenishment Fields for LICs

For the inventoried assembly items that you need to consistently re-stock, you can enter parameters that tell aACE how to keep your inventory levels just where you need them. You can specify the levels for each [office location](https://aace6.knowledgeowl.com/help/overview-of-offices) (<https://aace6.knowledgeowl.com/help/overview-of-offices>) where you store inventory for a LIC.

1. Navigate from **Main Menu > Inventory > Line Item Codes**.
2. Use the [Quick Search bar](https://aace6.knowledgeowl.com/help/using-the-quick-search-bar) (<https://aace6.knowledgeowl.com/help/using-the-quick-search-bar>) to locate the desired inventoried assembly LIC.
3. Click the **Replenishment** tab, then click **Edit**.



4. For each office that needs automated replenishment, enter the three parameters:
 - Target – The quantity you would like to have in stock
 - Replenish Balance – The quantity that will trigger an automated replenishment production
 - Method – How the item will be replenished
5. Click **Save**.

Tips for Setting Replenishment Fields

Display Items that Need Inventory Replenishment

From the LIC list view, click the footer shortcut link "Find Items Requiring Replenishment". aACE will display inventoried and inventoried-assembly items that have an Available quantity less than the Target quantity.

Line Item Codes

Record: 1 of 490 Inventory View

Codes

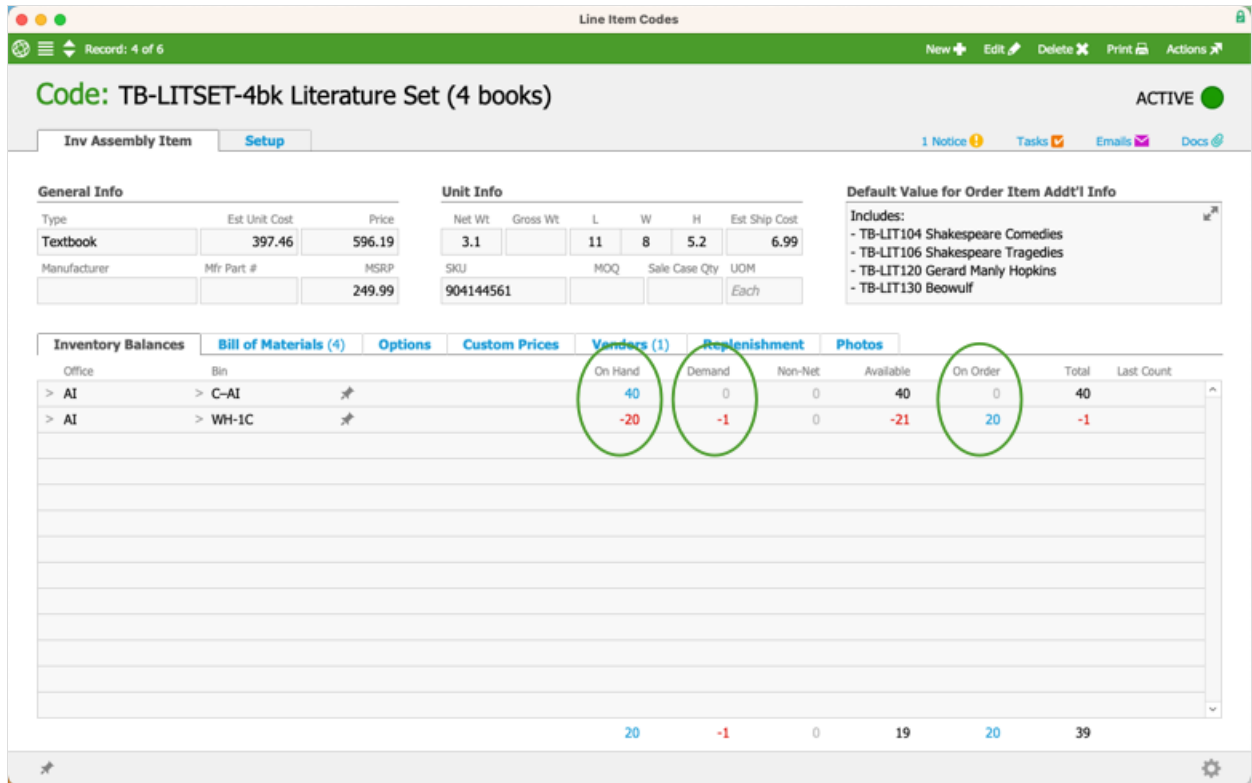
Type	Code	Description	Rec Type	Pref Vendor	Invtry On Hand	Available	Total	Sales	Ship	Status
> Misc	ADJ	Billing Adjustment	OTH		0	0	0			ACTIVE
> Misc	SHIP	Shipping	EXP	FedEx	0	0	0			ACTIVE
> Misc	DEPOSIT	Deposit	OTH		0	0	0			ACTIVE
> Misc	HIST	Historical Balance	OTH		0	0	0			ACTIVE
> Textbook	TB-FRNCH3	J'Apprends: I Learn French 3rd Edition	ITM-INV	Textbook	99	99	99	✓	✓	ACTIVE
> Textbook	TM-FRNCH3	J'Apprends: I Learn French Teacher's	ITM-INV	Textbook	90	90	90	✓	✓	ACTIVE
> Labor	L-SALES	Sales	TIME		0	0	0			ACTIVE
> Technology	TECH-001	Electronic Whiteboard, Freestanding	ASMBL	Aperture	0	0	0	✓	✓	ACTIVE
> Workshop	WS-SSA-S	School STARS Astronomy Signage	ITM		0	0	0	✓	✓	ACTIVE
> Workshop	WS-SSA-C	School STARS Astronomy Curriculum	ITM		0	0	0	✓	✓	ACTIVE
> Workshop	WS-SSA-P	School STARS Astronomy Presentation	ITM		0	0	0	✓	✓	ACTIVE
> Labor	L-PRD	Production Labor	TIME		0	0	0			ACTIVE
> Job	JOB-VP	Video Production	ASMBL		0	0	0	✓	✓	ACTIVE
> Technology	TBLT-7	Student Tablet, 7" Screen	ITM-INV	LearnWright Inc.	170	150	150	✓	✓	ACTIVE
> Notebook	NTBK-011	Lab Notebooks / Journals	ITM-INV	McGullicuddy	240	120	120	✓	✓	ACTIVE
> Misc	BAD DEBT	Used for writing off bad debt	OTH		0	0	0			ACTIVE
> Textbook	TB-LIT102	The Complete Works of Shakespeare	ITM-INV	McGullicuddy	65	65	65	✓	✓	ACTIVE
> Technology	TBLT-8	Student Tablet, 8" Screen	ITM-INV	LearnWright Inc.	100	100	100	✓	✓	ACTIVE
> Labor	L-DEV	Curriculum Development	TIME		0	0	0			ACTIVE
> Labor	L-MKTNG	Marketing	TIME		0	0	0			ACTIVE
> Outsourced	OS-WEBDEV	Web Development	EXP	Educause	0	0	0			ACTIVE
> Technology	TBLT-8C	Student Tablet, 8" Case	ITM-INV	Aperture	60	60	60	✓	✓	ACTIVE
> Textbook	TB-MTH6	Middle Grade Math 6th Edition	ITM-INV	McGullicuddy	70	70	70	✓	✓	ACTIVE

Show All Find Inventoried Items Find Items Requiring Replenishment Find Sales Entry Line Item Codes Related Records

Display Related Records

You can jump from the current LIC to related inventory transactions, production / sales orders, and purchase orders. This can help you get a better sense of how your inventory is moving.

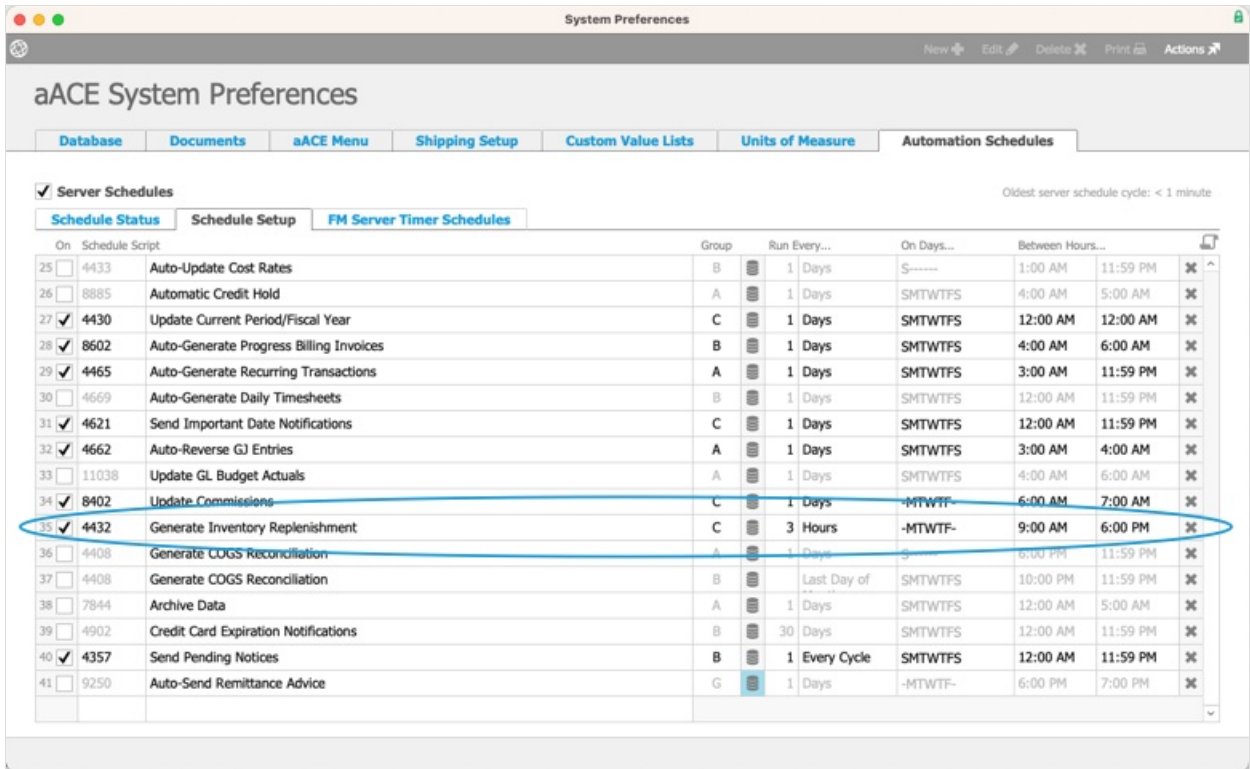
From an LIC's Inventory Balances tab, click the highlighted number in the On Hand, Demand, or On Order columns. aACE displays the related module.



2. Configure the Automation Process

System administrators must complete this task.

Automation schedules tell aACE when to check for items that need to be re-ordered. Navigate from Main Menu > System Admin > System Preferences > Automation Schedules > Schedule Setup. Mark the flag to Generate Inventory Replenishment, then [configure the automation schedule](https://aace6.knowledgeowl.com/help/configuring-automation-schedules) (<https://aace6.knowledgeowl.com/help/configuring-automation-schedules>). We recommend that this process run only once a day. If needed, this process can be configured to run multiple times per day, although it should *not* run more than every few hours. Make sure the settings specified here align with your organization's policies.



3. Configure Internal Company Records

Your own organization is the 'vendor' for your made-to-stock inventory. To ensure the replenishment automation works correctly, office records must be linked to company records that have specific settings.

These settings are automatically entered when you create a company record from the Offices module (i.e. click Actions > Create Related Company). However, if you create a company from the Companies module, or if you link to an existing company record, you must enter these settings manually.

- **Company Details: Type** – Must be set to Internal

The screenshot shows the 'Companies' form for 'aACME Education Solutions, Inc.' (AI). The 'Company Info' dropdown menu is open, and 'Internal' is selected. The form includes sections for 'Company Info', 'Contact Info', and 'Other Info'. The 'Contact Info' section shows phone numbers and email addresses. The 'Other Info' section includes fields for Group, Subgroup, Parent Company, Referral Company, Referral Contact, and Referral Team Member.

- **Customer Details: Discount** – Must be set to 100%
This prevents the system from generating billing transactions to your own company.

The screenshot shows the 'Customer Details' form for 'aACME Education Solutions, Inc. (AI)'. The 'Billing Setup' section is highlighted, and the 'Disc %' field is set to 100%. The form includes sections for 'Billing Address', 'Billing Setup', 'Shipping Setup', and 'Current Billing'. The 'Shipping Setup' section shows carrier and service information. The 'Current Billing' section shows the last order date and balance.