

TRIMIT Production Order Archive

White Paper

This document contains information about the functionality in TRIMIT Production Order Archive functionality in TRIMIT 2015.

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INTRODUCTION

The **Production Order Archive** functionality makes it possible to archive TRIMIT Production Orders and TRIMIT Production Collecting Orders when all posting procedures and post-calculation procedures have been finished.

A TRIMIT Production and Production Collecting Orders with **Status = Finished**, can no matter the status be used for transactions such as finishing and/or consumption of material, if the user in the **User Setup** is set to **Production Responsible for Production**.

The Archiving Functionality removes the orders and the related information from the original tables to Archiving tables, which prevents further transactions on the records and improves overview on active orders.

An Archived Order with related information can be reloaded to the original tables if needed.

The functionality described is the functionality in **TRIMIT 2015 W1**

The pictures in this White Paper are based on the demo database for **TRIMIT 2015 W1** (based on Microsoft Dynamics NAV 2015) in the demo company **CRONUS TRIMIT 2015 W1** (based on CRONUS International Ltd. from Microsoft Dynamics NAV 2015).

COMPONENTS

TRIMIT Production Order Archive contains the following objects:

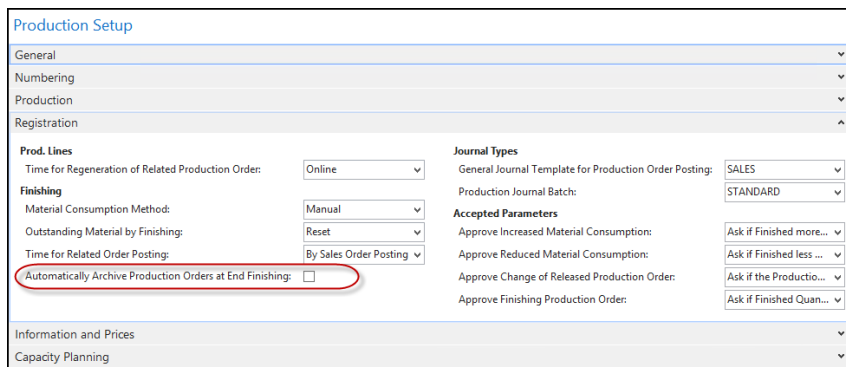
The Tables	313	<i>Inventory Setup</i>
	6037301	<i>Prod. Header</i>
	6037302	<i>Prod. Line</i>
	6037320	<i>Prod. Collecting Header</i>
	6037321	<i>Prod. Collecting Line</i>
	6037330	<i>Prod. Header Archive</i>
	6037331	<i>Prod. Line Archive</i>
	6037332	<i>VarDim Order Archive</i>
	6037333	<i>Comment Line TRIMIT Archive</i>
	6037334	<i>Prod. Entry Archive</i>
	6037335	<i>VarDim Prod/Purch Line Archive</i>
	6037336	<i>Prod. Collect. Header Archive</i>
	6037337	<i>Prod. Collect. Line Archive</i>
	6037338	<i>Prod. Collect. Relat. Archive</i>
The Pages	6036550	<i>Production Setup</i>
	6037298	<i>Prod. Collecting Order</i>
	6037301	<i>Prod. Orders List</i>
	6037302	<i>Prod. Order</i>
	6037319	<i>Prod. Collecting Orders List</i>
	6037350	<i>Prod. Orders Archive List</i>
	6037351	<i>Prod. Coll. Order Archive List</i>
	6037352	<i>Prod. Order Archive</i>
	6037353	<i>Prod. Order Archive Subform</i>
	6037354	<i>Prod. Collecting Order Archive</i>
	6037355	<i>Prod. Collecting Line Archive</i>
	6037336	<i>Prod. Entries Archive</i>

The codeunits	<i>6037357 VarDim Orders Archive</i>
	<i>6037358 VarDim Prod./Purch. Archive</i>
	<i>6037359 Comment Sheet TRIMIT Archive</i>
	<i>6037307 Prod. Journal Posting</i>
	<i>6037308 Prod. Order Handling</i>
	<i>6037320 Prod. Collect. Orders Handling</i>
	<i>6037344 Related Orders Handling</i>
	<i>6037817 Call TRIMIT Service Production</i>
The Reports	<i>6038009 TRIMIT Service Production</i>
	<i>6037335 Prod. Order Archive Batch</i>
	<i>6037336 Prod.Coll. Order Archive Batch</i>
	<i>6037337 Prod. Order Reload Batch</i>
	<i>6037338 Prod.Coll. Order Reload batch</i>

SETUP

PRODUCTION SETUP

A new Parameter **Archive Production Orders Automatically at End Finishing** in the page **6036550 Production Setup** on the FastTab **Registration** makes it possible directly to archive orders at end finishing.



The screenshot shows the 'Production Setup' window with the 'Registration' tab selected. The 'Finishing' section contains the parameter 'Automatically Archive Production Orders at End Finishing', which is currently unchecked and highlighted with a red circle. Other parameters in the 'Finishing' section include 'Material Consumption Method' (Manual), 'Outstanding Material by Finishing' (Reset), and 'Time for Related Order Posting' (By Sales Order Posting). The 'Journal Types' section shows 'General Journal Template for Production Order Posting' (SALES) and 'Production Journal Batch' (STANDARD). The 'Accepted Parameters' section lists several approval prompts with dropdown menus.

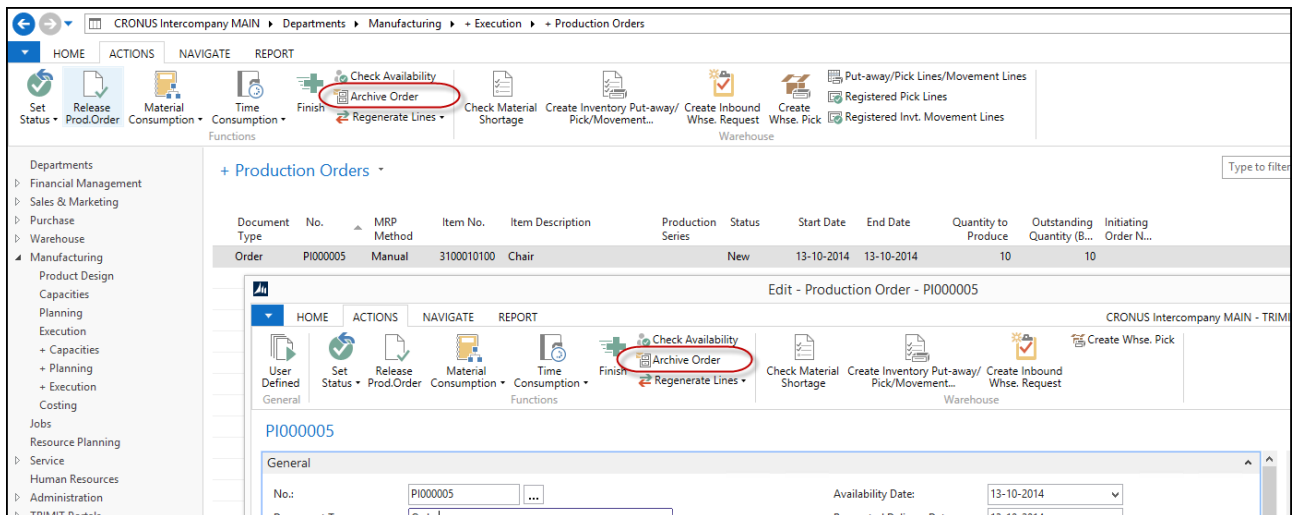
This parameter can be used in a scenario where there is no need for postings/post calculation after finishing. Production Collecting Orders with relation to Sales Lines cannot be automatic archived.

ARCHIVING OF ORDERS

ARCHIVE A PRODUCTION ORDER

You will find the action **Archive Order** on the ribbon **Actions** of the pages **6037301 Prod. Order Lists** and **6037302 Prod. Order**.

The action **Archive Order** transfers the Production Order to Archiving tables



Preconditions to use Archiving on a Production Order

- **Status** on the Production Order itself is *Finished* or Higher.
- If the Production Order is related to another Production Order (**Initiating Order Nr. Start Level**), this related order also has to have **Status Finished** or Higher
- If the Production Order is related to a Sales Order (**Initiating Order Nr. Start Level**) the Outstanding Quantity on that Sales Line has to be 0 (Sales Order is fully Shipped/Invoiced).
- If the Production Order Lines has related Orders, the underlying Related Orders has to have **Status Finished** (the Vertical track is checked).
- If the Production Order is a Related Order to a Production Collecting Order Line, the Order cannot be archived directly, but can only be archived via the Production Collecting Order itself.
- If the Production Order is related to a Complaint (**Initiating Order Nr. Start Level**), the Complaint needs to be completed (closed).

Functionality description

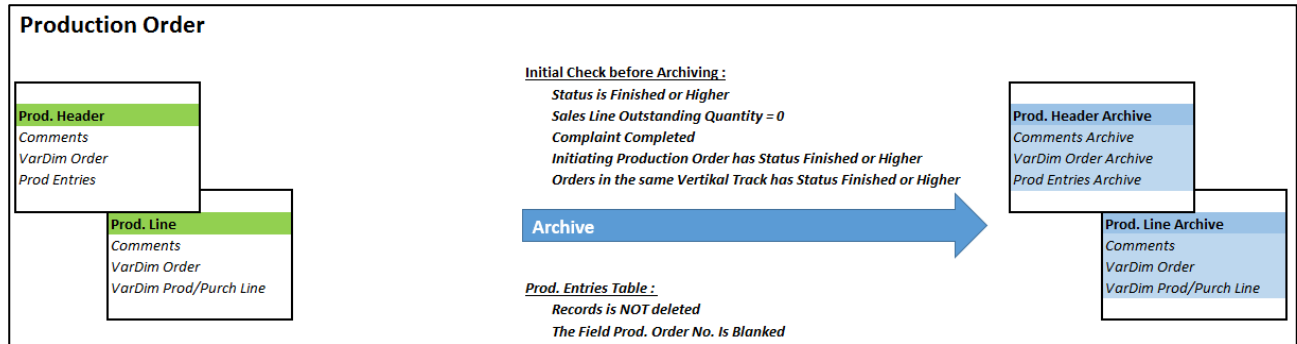
Records related to the Production Order in the following tables is deleted and inserted in Archive Tables:

Table 6037301 Prod. Header	-> Table 6037330 Prod. Header Archive
Table 6037302 Prod. Line	-> Table 6037331 Prod. Line Archive
Table 6037105 VarDim Order	-> Table 6037332 VarDim Order Archive
Table 6037308 VarDim Prod./Purchase Line	-> Table 6037335 VarDim Prod./Purch Line Archive
Table 6036533 Comment Line TRIMIT	-> Table 6037333 Comment Line TRIMIT Archive

Records in the following table is modified as the Field **Prod. Order No.** is blanked, and a copy of the record is inserted in Archive Table:

Table 6037300 Prod. Entry	-> Table 6037334 Prod. Entry Archive
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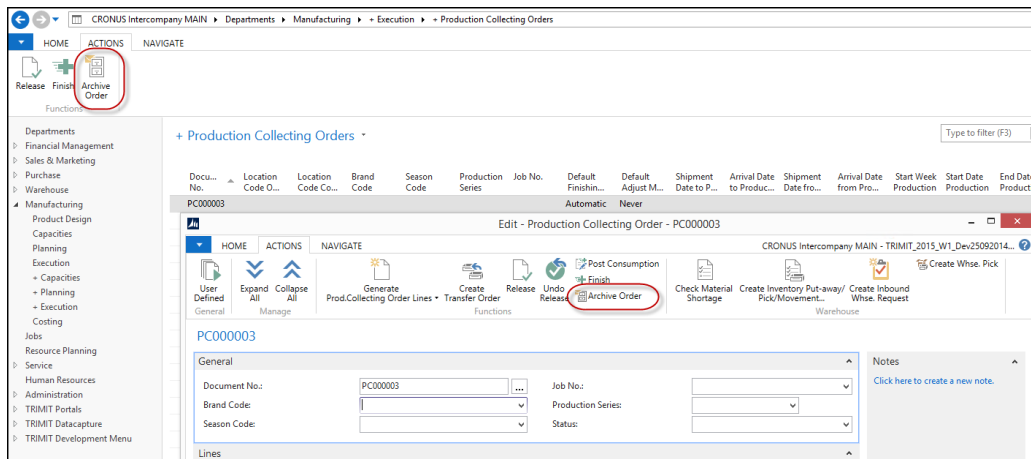
Illustration of flow:



ARCHIVE A PRODUCTION COLLECTING ORDER

You will find the action **Archive Order** on the ribbon **Actions** of the pages **6037319 Prod. Collecting Orders List** and **6037320 Prod. Collecting Header**.

The action **Archive Order** transfers the Production Collecting Order and related Production Orders on First level to Archiving tables.



Preconditions to use the Archiving function on a Production Order

- **Status** on all the Related Production Orders on the Production Collecting Order Lines is **Finished** or Higher
- If the Production Collecting Order Lines is related to Sales Order Lines (created via use of the action **Generate Prod. Collecting Order Lines/On basis of Sales Lines**) the **Outstanding Quantity** on all initiating Sales Line has to be 0 (Sales Orders is fully Shipped/Invoiced).

Functionality description

Records related to the Production Collecting Order in the following tables is deleted and inserted in Archive Tables:

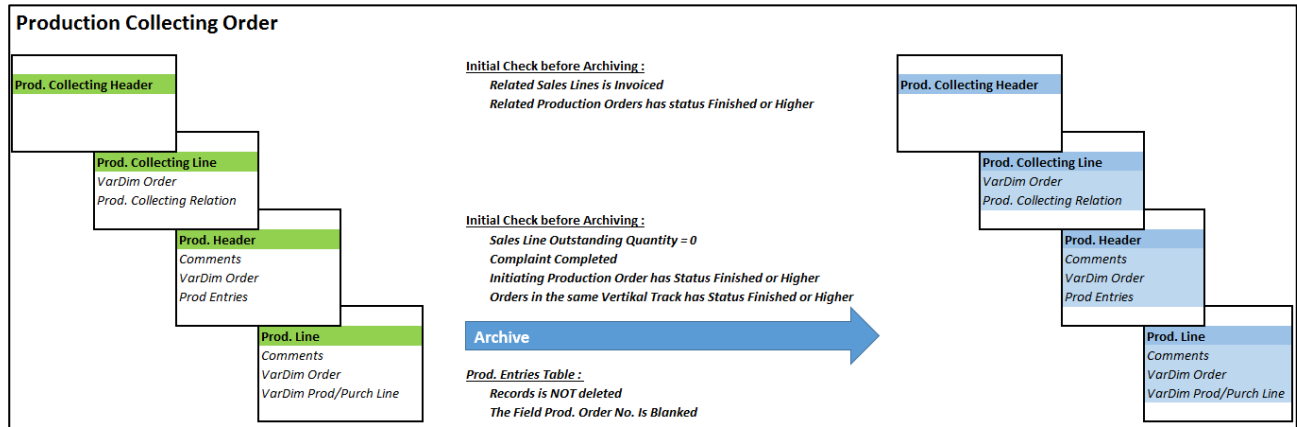
Table 6037320 Prod. Collecting Header	-> Table 6037336 Prod. Collecting Header Archive
Table 6037321 Prod. Collecting Line	-> Table 6037337 Prod. Collecting Line Archive
Table 6037323 Prod. Collecting Relation	-> Table 6037338 Prod. Collect. Relat. Archive
Table 6037301 Prod. Header	-> Table 6037330 Prod. Header Archive
Table 6037302 Prod. Line	-> Table 6037331 Prod. Line Archive
Table 6037105 VarDim Order	-> Table 6037332 VarDim Order Archive
Table 6037308 VarDim Prod./Purchase Line	-> Table 6037335 VarDim Prod/Purch Line Archive
Table 6036533 Comment Line TRIMIT	-> Table 6037333 Comment Line TRIMIT Archive

Records in the following table is modified as the Field **Prod. Order No.** is blanked, and a copy of the record is inserted in Archive Table:

Table 6037300 Prod. Entry

-> Table 6037334 Prod. Entry Archive

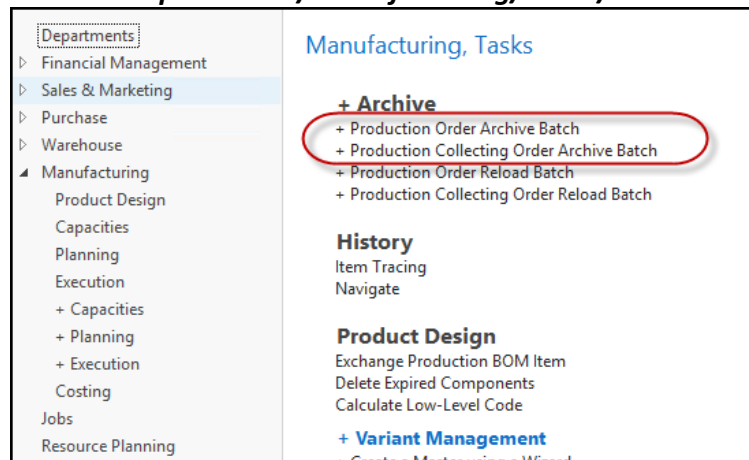
Illustration of flow:



ARCHIVING OF ORDERS IN BATCH JOB

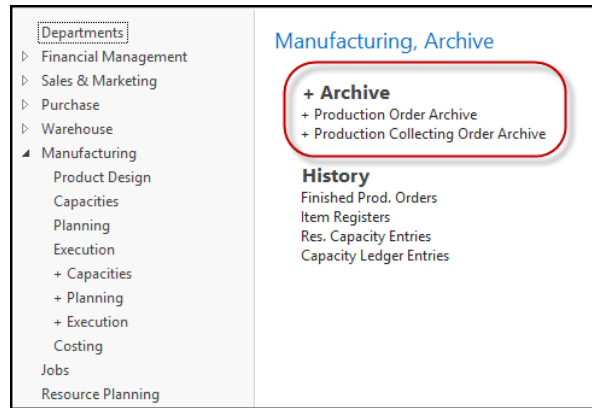
Instead of using the action **Archive Order** on the Lists and Orders directly on an order-to-order basis, you can batch Archive within filters using the reports **6037335 Prod. Order Archive Batch** and **6037336 Prod.Coll. Order Archive Batch**.

The reports can be found via **Departments/Manufacturing/Tasks/ + Archive**



ARCHIVED ORDERS

The Archived Production Orders and Production Collecting Orders are accessible via **Departments/Manufacturing/Archive/+ Archive**.

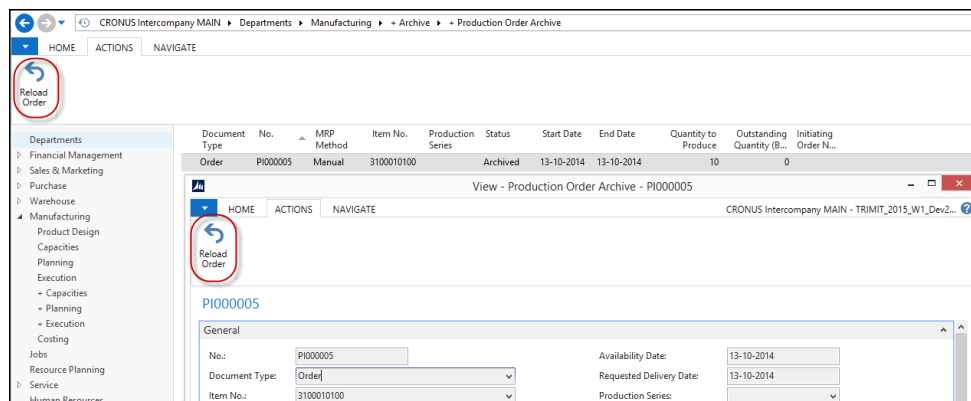


RELOAD PRODUCTION ORDERS

You will find the action **Reload Order** on the ribbon **Actions** on the pages **6037350 Prod. Orders Archive List** and **6037352 Prod. Order Archive**.

The action **Reload Order** transfers the Archived Production Order back to its original tables.

The **Status** of the Production Order after reloading is *Archived* and the Production Order is non-editable.



Functionality description

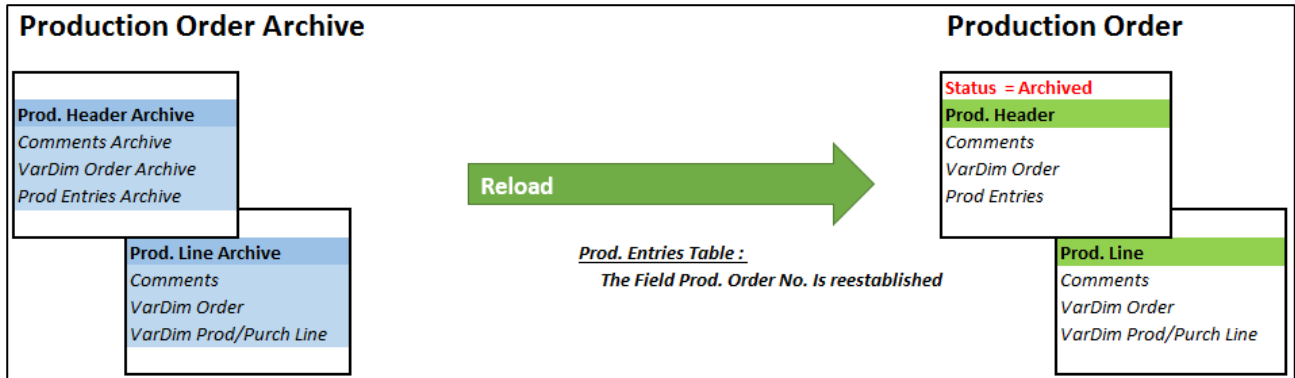
Records related to the Production Order in the following tables are deleted and inserted in the original tables:

Table 6037301 Prod. Header Archive	-> Table 6037301 Prod. Header
Table 6037331 Prod. Line Archive	-> Table 6037302 Prod. Line
Table 6037332 VarDim Order Archive	-> Table 6037105 VarDim Order
Table 6037335 VarDim Prod/Purch Line Archive	-> Table 6037308 VarDim Prod./Purchase Line
Table 6037333 Comment Line TRIMIT Archive	-> Table 6036533 Comment Line TRIMIT

Records in the following table is deleted and the Field **Prod. Order No.** on the origin record is modified with the correct No. :

Table 6037334 Prod. Entry Archive	-> Table 6037300 Prod. Entry
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Illustration of the flow:

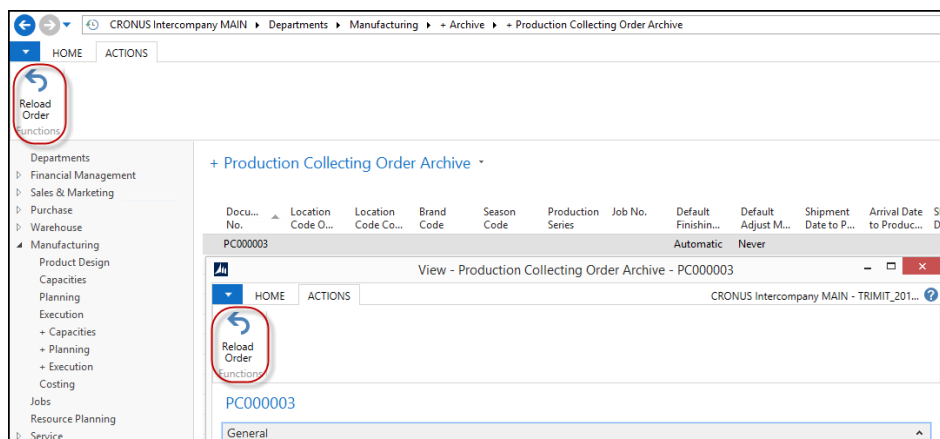


RELOAD PRODUCTION COLLECTING ORDERS

You will find the action **Reload Order** on the ribbon **Actions** of the pages **6037351 Prod. Coll. Order Archive List** and **6037354 Prod. Collecting Order Archive**.

The action **Reload Order** transfers the Archived Production Collecting Order and Related Production Orders on the First Level back to its original tables.

The **Status** of the related Production Orders after reloading is *Archived* and the Production Collecting Order and related Production Orders are non-editable.



Functionality description

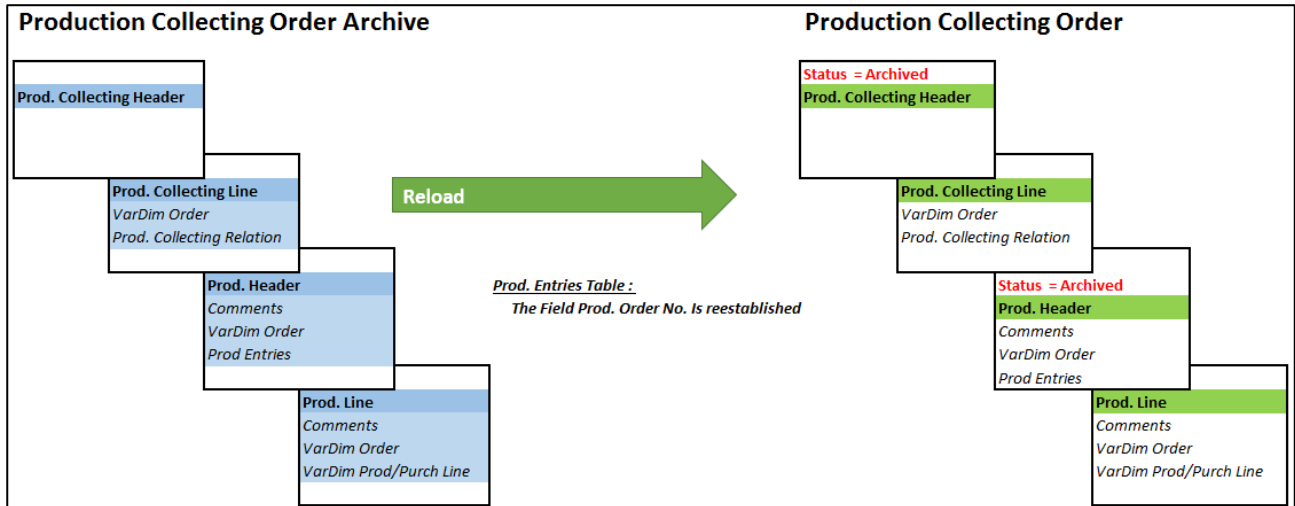
Records related to the Production Collecting Order in the following tables is deleted and inserted in original tables:

Table 6037336 Prod. Collecting Header Archive	-> Table 6037320 Prod. Collecting Header
Table 6037337Prod. Collecting Line Archive	-> Table 6037321 Prod. Collecting Line
Table 6037338 Prod. Collect. Relat. Archive	-> Table 6037323 Prod. Collecting Relation
Table 6037301 Prod. Header Archive	-> Table 6037301 Prod. Header
Table 6037331 Prod. Line Archive	-> Table 6037302 Prod. Line
Table 6037332 VarDim Order Archive	-> Table 6037105 VarDim Order
Table 6037335 VarDim Prod/Purch Line Archive	-> Table 6037308 VarDim Prod./Purchase Line
Table 6037333 Comment Line TRIMIT Archive	-> Table 6036533 Comment Line TRIMIT

Records in the following table is deleted and the Field **Prod. Order No.** on the origin record is modified with the correct No. :

Table 6037334 Prod. Entry Archive	-> Table 6037300 Prod. Entry
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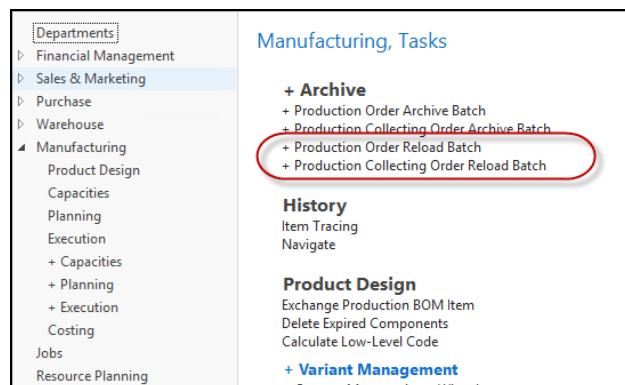
Illustration of the flow:



RELOAD IN BATCH JOB

Instead of using the action **Reload Order** on the Archive Lists and Archive Orders directly on an order-to-order basis, you can batch Reload Archive within filters using the reports **6037337 Prod. Order Reload Batch** and **6037338 Prod.Coll. Order Reload Batch**.

The reports can be found via **Departments/Manufacturing/ Tasks/+ Archive**



CALL FUNCTIONS FOR CUSTOMIZATIONS

In Codeunit **6037817 Call TRIMIT Service Production**, you will find the following functions that can be used in your own code, in connection with customer specific code.

ArchiveProdOrder1:

Archive a Production Order

Called with two parameters:

Record: Table 6037301 Prod. Header

Boolean: YES = Skip Dialogs, FALSE = Dialog

Example on syntax:

```
ArchiveProdOrder1(ProdHeader_loc,TRUE);
```

ReloadArchivedProdOrder1:

Reload an Archived Production Order

Called with two parameters:

Record: Table 6037330 Prod. Header Archive

Boolean: YES = Skip Dialogs, FALSE = Dialog

Example on syntax:

```
ReloadArchivedProdOrder1(ProdHeaderArchive_loc,TRUE);
```

ArchiveProdCollectingOrder1:

Archive a Production Collecting Order and related Production Orders on first level

Called with two parameters:

Record: Table 6037320 Prod. Collecting Header

Boolean: YES = Skip Dialogs, FALSE = Dialog

Example on syntax:

```
ArchiveProdCollectingOrder1 (ProdCollectingHeader_loc,TRUE);
```

ReloadArchivedProdCollectingOrder1:

Reload an Archived Production Collecting Order and related Archived Production Orders on first level.

Called with two parameters:

Record: Table 6037336 Prod. Collect. Header Archive

Boolean: YES = Skip Dialogs, FALSE = Dialog

Example on syntax:

```
ReloadArchivedProdCollectingOrder1(ProdCollectHeaderArchive_loc,TRUE);
```

NOTE:

TRIMIT ensures that future changes in basic code will not influence the execution of the Call Functions