MANUFACTURING EXECUTION SYSTEM

INSERT QUANTITIES PRODUCED AND THE TIMES USED, DIRECTLY FROM WORKSTATIONS IN MICROSOFT DYNAMICS 365 BUSINESS CENTRAL

The future behind

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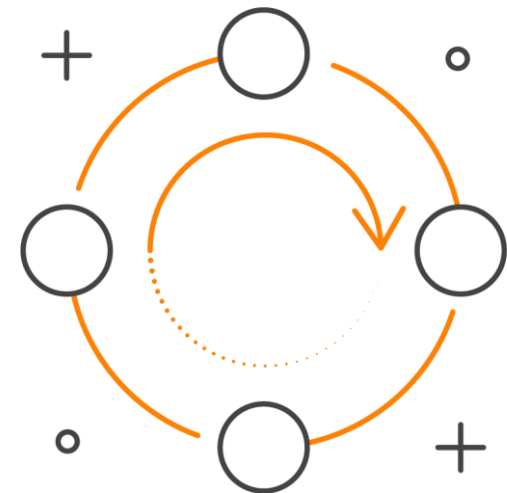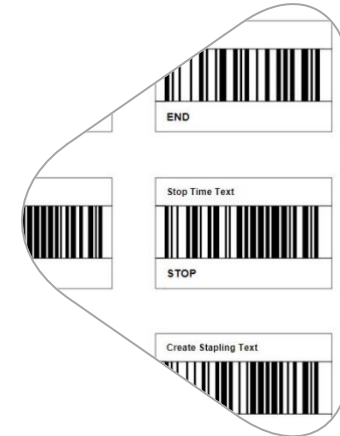
Manufacturing Execution System

App for Microsoft Dynamics 365 Business Central

DO YOU NEED TO INSERT INTO THE SYSTEM THE QUANTITIES PRODUCED AND THE TIMES USED, DIRECTLY FROM WORKSTATIONS IN THE DEPARTMENT?

DO YOU WANT TO ENTER INFORMATION USING A BARCODE SCANNER? DO YOU NEED TO OPEN AND USE THE APP FROM A TABLET OR PHONE?

The **Manufacturing Execution System (MES)** app allows the **insertion into the system of the quantities produced and the times used**, directly from workstations in the department in Microsoft Dynamics 365 Business Central.

Tell me what you want to do

(mes)

Go to Pages and Tasks   Show all (50)

> MES Setup (MES)   Tasks
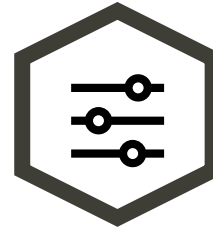
> Employee Entries (MES)   Lists

> Production Progress (MES)   Administration

ALT + Q and MES

Press ALT + Q and digit "MES"
for a list of the features involved

Enter the codes
of the various operations to be performed so that the system can recognize them

Insert the information
manually or simply using a barcode reader

Enter the quantities produced
and the times used,
directly from the workstation

Print
reason barcodes, badge barcodes and the job card with barcode in the header

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BARCODE READING

Production Progress (MES) | Work Date: 11/5/2027

Reading Barcode

↺ Reset   👥 Change Badge   ◐ Select Production Lines
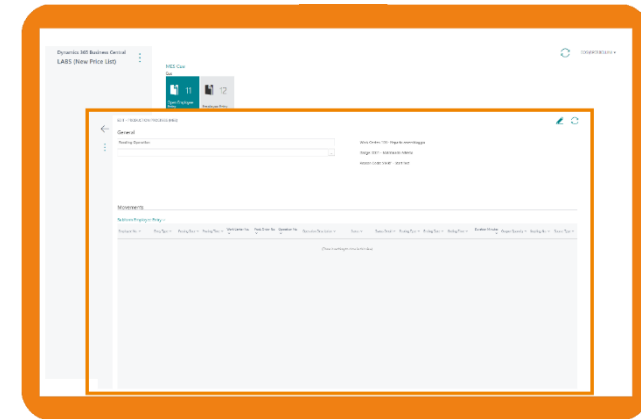
General

Reading Reason Code ③   ① Work Center: 100 - Reparto assemblaggio

| ② Badge: AMG - Maldonado Alfredo

Reason Codes   🔍 ⌄   + New   📝 Edit List   ⋯   ↗ ✕

Code ↑	Description	Am... Exp... to EDoc.	DocFinance Document Type	DocFinance Reason Code	Postin Policy
_		☐			
+CLIP	Add Stapling Text	☐			
CLIP	Create Stapling Text	☐			
-CLIP	Remove Stapling Text	☐			
END	End Text	☐			
OUT	Output Text	☐			
RINCOL	Start Rework Text	☐			
SETUP	Setup Text	☐			
START	Start Text	☐			
→ STOP	Stop Time Text	☐			

You need to enter (manually or with a barcode reader):

- Work Center: eg. 100 (assembly department)

- Employee Badge: e.g., A001 (the badge of the person who is performing the operations)

- Reason: insert a code for the opening / closing / stapling phase among those set in setup (e.g., START)

- Operation: fill in the operation to be performed by indicating order.line.operation (e.g., 1011004.10000.10)

In the event that the "Execute Posting" option has not been chosen on the setup page, the user will have to post the output manually on the Output Journals page.

PRINT

The MES Manufacturing Execution System app provides the user with 3 types of printings:

- from "Print Barcode Reason" it is possible to print barcodes for reasons

- and for employees' badges

- from the Released Production Order, you can print the Job card in which the barcode is visible if set on the setup

- from the Released Production Order list you can print the Prod. Order Detailed Calculation report

MES Manufacturing Execution System (MES)
App for Microsoft Dynamics 365 Business Central

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SUBSCRIPTION

Some features of the MES Manufacturing Execution System (MES) app require a subscription.

The subscription can be activated from Subscription control panel or directly from the notification messages that the system proposes, by clicking on the link that allows you to start the subscription wizard.