

# MAX AutoLab

**Installation:** Run SetUp.EXE from the AutoLab installation CD. You will be asked to select a location for the application.

This application uses MAXUpdate for processing standard transactions. MAXUpdate is a set of DLL's that provide a library of MAX functions. MAXUpdate is a separate module provided by Exact, please consult with the MAXUpdate documentation for more information.

Copy the following MAXUpdate files into the MDCM folder or make them available from a search path:

<b>MAX DLL</b>
MAXEXEC2 DLL
MAXBTRV2 DLL
MAXTRAN2 DLL

These files will be installed by the MAX Client Setup routine in \MAX\MFW2 and will reside in the server in \EXACT\MAX\NETUPDATES\MFW2. As MAX is updated it is important to also update the files that are used by the AutoLab application.

**Configuration** — AutoLab uses an ODBC Connection for MAX data and the first time run or by clicking on the Activity the Data Source input form will display:

The screenshot shows a dialog box titled "MAX ODBC Data Source and MAXUpdate Paths". It has a blue title bar. Inside, there's a section "AutoLab Connection Values" with a dropdown menu for "DSN" showing "MAX7SAM", and empty text boxes for "UID" and "Password". Below that are two sections: "MAXUpdate Data Path" with a text box containing "C:\EXACT\MAX\SAM" and a browse button "...", and "MAXUpdate Exec Path" with a text box containing "C:\EXACT\MAX\EXE" and a browse button "...". At the bottom are "OK" and "Cancel" buttons.

Enter a Pervasive ODBC Data Source name and an optional User / Password if required.

MAXUpdate requires entries in the registry, which point to both the data and the MAX executables. These entries are maintained either from the MAX client login or by entering them here.

MAXUpdate requires a path for both the data and the MAX executables.

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## Processing:

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Activity

Open Shop Orders

ShopOrd	Operation	Q Qty	QC
500007	0010	55	Y
500014	0010	100	Y
500015	0010	100	Y
500016	0010	100	Y
500017	0010	100	Y
500018	0010	100	Y

Employee ID: 1000  
 Password: SALLY W. JONES  
 Drawing Number: d  
 Part ID: 11000  
 Description: Computer  
 Operation: 0010 Assemble Per Print

Add Shop Order  
 Remove Shop Order  
*Auto Receipt is active.*

Selected Shop Orders

Shop Order	Operation	Queue	Accept	Scrap	Operator	Date
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Process Clear Screen Quit

User: Tim MAX DSN: MAX7SAM 1:50 PM

1. Enter Employee ID and Password. (UDFREF\_40)
2. Select Drawing number.
3. Select Operation from drop down routing list.

The matching work orders will display in the Open Shop Orders grid.

Drag or select a click the Add button to move orders from the Open grid on the top to the active orders on the bottom.

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Activity

Open Shop Orders

ShopOrd	Operation	Q Qty	QC
500016	0010	100	Y
500017	0010	100	Y
500018	0010	100	Y
500019	0010	100	Y

Employee ID: 1000  
 Password: SALLY W. JONES  
 Drawing Number: d  
 Part ID: 11000  
 Description: Computer  
 Operation: 0010 Assemble Per Print

Add Shop Order  
 Remove Shop Order  
*Auto Receipt is active.*

Selected Shop Orders

Shop Order	Operation	Queue	Accept	Scrap	Operator	Date
500007	0010	55	0	0	1000	4/4/2003
500014	0010	100	0	0	1000	4/4/2003
500015	0010	100	0	0	1000	4/4/2003

Process Clear Screen Quit

User: Tim MAX DSN: MAX7SAM 1:53 PM

1. Enter the Accepted and Scrap quantities and click on the Process button to update MAX.

If the MAX switch is set to Receipt on Last Operation a message will display on the body of the form and when an operation is posted on the last operation the Production Receipt form will display.

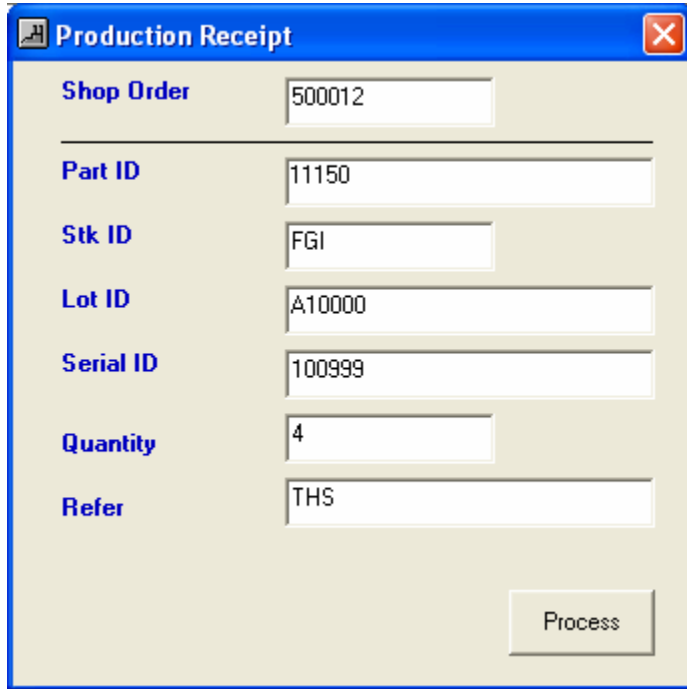
Scrap

COS	Cosmetic Defect
EGD	Engineering Design
MEC	Mechanical Defect
OPE	Operator Error
COS	Cosmetic Defect
EGD	Engineering Design
MEC	Mechanical Defect
OPE	Operator Error
COS	Cosmetic Defect
EGD	Engineering Design
MEC	Mechanical Defect

If a scrap quantity is entered a valid defect code will be required.

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## Production Receipt:



The image shows a software dialog box titled "Production Receipt" with a blue header and a close button in the top right corner. The dialog contains several input fields with labels on the left and values in the boxes:

- Shop Order: 500012
- Part ID: 11150
- Stk ID: FGI
- Lot ID: A10000
- Serial ID: 100999
- Quantity: 4
- Refer: THS

At the bottom right of the dialog is a button labeled "Process".

Depending on whether the part is under Lot and/or serial control the Lot and/or Serial input fields will be visible.

Hit process to receive the entered quantity and return to the main form.

