MxWork

Mobile Work Order tracking for Maximo

Product Installation Guide

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About MxWork

MxWork by A3J Group, LLC is a mobile application designed to capture information about work performed for IBM Maximo Asset Management.

Most production equipment is static; maintenance crews travel to the equipment to perform necessary maintenance activities. Therefore, our maintenance crews have always been mobile technicians. However, until now they haven't had a simple, easy mobile work management solution that pairs with IBM Maximo Asset Management.

That's where MxWork comes in. Technicians can easily download the app onto their favorite device (phone or tablet) and log in to perform and record their work. Safety plans, work instructions, and other pertinent information about the work to be performed is all available at their fingertips. Technicians can record information such as labor time, work logs, and more all while standing in front of the equipment. Information also can be displayed and captured while the device is offline from connectivity.

Available on iOS and Android operating systems, MxWork makes work management easy. All on the go, and all using the authorized IBM Maximo API's.

Prerequisites

The app communicates with IBM Maximo via its JSON API. Therefore, the app will require IBM Maximo version 7.6.0.2 or higher.

This guide will walk you through installing the app, both for the mobile device and updating the necessary data within Maximo.
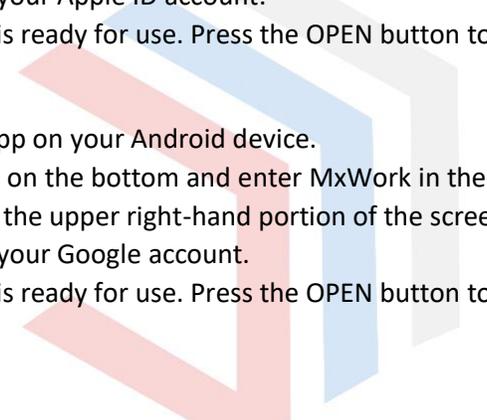
Installing the App on a Mobile Device

MxWork is available on iOS devices through the Apple Store and Android devices through the Google Play Store. Please follow the instructions below for the type of device you have.

It's worth noting that the app is free on both platforms and can be installed without updating the Object Structure data. Without updating the Object Structure data, users can still search for items to count and view their data. However, they will not be able to perform a count on items until the configuration is performed.

Installing on iOS

1. Open the App Store app on your iOS device.
2. Press the Search button on the bottom and enter MxWork in the ensuing search bar.
3. Press the GET button in the upper right-hand portion of the screen.
4. Enter the password for your Apple ID account.
5. The app will install and is ready for use. Press the OPEN button to launch the app.

Installing on Android

1. Open the Google Play app on your Android device.
2. Press the Search button on the bottom and enter MxWork in the ensuing search bar.
3. Press the GET button in the upper right-hand portion of the screen.
4. Enter the password for your Google account.
5. The app will install and is ready for use. Press the OPEN button to launch the app.

Updating the Object Structure data

MxWork requires two objects to be added to the MXWODETAIL Object Structure to support adding Work Logs and attaching photos to work orders in Maximo. Users will be able to log into the app and perform all operations except for these without changing the Object Structure. They will not be able to add Work Logs or attach pictures without it.

To update the Object Structure:

Step	Instructions
1.	Log into Maximo as an administrative user.
2.	Using the Go To menu, navigate to the **Integration > Object Structures** application.
3.	Locate the **MXWODETAIL** Object Structure and click on the record.
4.	Under the Source Objects for MXWODETAIL table, click the **New Row** button.
5.	Populate the following fields: Object: WORKLOG Parent: WORKORDER Relationship: MODIFYWORKLOG
6.	Under the Source Objects for MXWODETAIL table, click the **New Row** button.
7.	Populate the following fields: Object: DOCLINKS Parent: WORKORDER Relationship: DOCLINKS
8.	Click the **Save** button.
9.	Sign out of Maximo.

Source Objects for MXWODETAIL ▼ Filter › 🔍 ⏳ ↑ ↓ ← 1 - 7 of 7 →

Object		Parent Object		Object Location Path	Relationship		Object Order	User Defined?	Exclud
› WORKORDER	🔍		›	WORKORDER		🔍	1	☐	☐
› WPLABOR	🔍	WORKORDER	›	WORKORDER/WPLABOR	WPLABOR	🔍	1	☐	☐
› WPMATERIAL	🔍	WORKORDER	›	WORKORDER/WPMATERIAL	WPMATERIAL	🔍	2	☐	☐
› WPTOOL	🔍	WORKORDER	›	WORKORDER/WPTOOL	WPTOOL	🔍	3	☐	☐
› WPSERVICE	🔍	WORKORDER	›	WORKORDER/WPSERVICE	WPSERVICE	🔍	4	☐	☐
› INVRESERVE	🔍	WORKORDER	›	WORKORDER/INVRESERVE	MXINTINVRES	🔍	5	☐	☐
⌄ WORKLOG	🔍	WORKORDER	›	WORKORDER/WORKLOG	MODIFYWORKLOG	🔍	6	☑	☐

Details

✦ **Object:**
WORKLOG 🔍

Parent Object:
WORKORDER ›

Object Location Path:
WORKORDER/WORKLOG

Exclude Attributes Mode?
☐

Relationship:
MODIFYWORKLOG 🔍

✦ **Object Order:**
6

Alternate Key:
🔍

License:

User Defined?
☑

New Row

| › WORKLOG | 🔍 | WORKORDER | › | WORKORDER/WORKLOG | MODIFYWORKLOG | 🔍 | 6 | ☑ | ☐ |
| ⌄ DOCLINKS | 🔍 | WORKORDER | › | WORKORDER/DOCLINKS | DOCLINKS | 🔍 | 7 | ☑ | ☐ |

Details

✦ **Object:**
DOCLINKS 🔍

Parent Object:
WORKORDER ›

Object Location Path:
WORKORDER/DOCLINKS

Exclude Attributes Mode?
☐

Relationship:
DOCLINKS 🔍

✦ **Object Order:**
7

Alternate Key:
🔍

License:

User Defined?
☑

New Row