



NexGen ATOM - Google Play Store Release

System Administrator's Guide

Version 1.0

June, 2021

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SYSTEM ADMINISTRATOR'S GUIDE

Overview

This document is targeted for IT administrators and field employees who need to install or update the NexGen ATOM application on Android devices from the Google Play Store.

NexGen's ATOM App (version 2021.2.4.0) is upgraded with Android 10 SDK for users to benefit from significant security and performance improvements. Please note that this upgrade will still allow our app to run on older Android versions (down to the minSdkVersion).

Android Version/API Requirements (IT Administrators)

The Target API level is set to **Android 10, API level 29** and the minimum supported Android version is **Android 4.2, API Level 16-18**.

FCC recommends Android version 8.0 or above to take advantage of support for security fixes from Google.

NOTE: Google does not support security fixes for Android versions below 8.0, API Level 26-27. While FCC has tested Android 7 and it appears to function properly, we do not recommend nor support Android 7 or below for the Google Play Store release.

Refer to the Android Versions section for supported Android versions and API Levels.

NexGen/API Version Dependencies

NexGen Versions: 2021.2.3.1 (Recommended), 3.5.580 and 3.5.586 versions.


ATOM API: 2021.2.3.2 (Recommended), 2.4.68 and 2.4.73.

ATOM App Installation/Update Procedure

Existing Users:


We strongly recommend users complete any open E-Tickets (Operator, LEM, Trucking, Load) and labor entries on the NexGen ATOM App before installing from the Google Play Store. While the loss of data or even tickets is unlikely, it is best to be cautious when performing these updates and ensure open tickets are completed prior to any updates.

ATOM App Update Procedure for existing installs:

1. On your device, go to the Apps section.
2. Tap Google Play Store .
3. The app will open, search for "NexGen ATOM".
4. Select the NexGen ATOM App from the list of found items.
5. Install the NexGen ATOM App by pressing "Update" button.
6. The NexGen ATOM App will be downloaded and updated from the Google Play Store.

Future App updates will be updated automatically (if auto update is enabled) or will be prompted via ATOM App to install the updates via Google Play Store.

New User Installation Procedure:

1. On your device, go to the Apps section.
2. Tap Google Play Store .
3. The app will open, search for "NexGen ATOM".
4. Select the NexGen ATOM App from the list of found items.
5. Install NexGen ATOM App by pressing "Install" button.
6. Press "Accept" to accept application permissions.
7. Wait for installation of the NexGen ATOM App.
8. Run NexGen ATOM App by pressing "Open".
9. Enter your company's ATOM URL provided by your administrator and login with your credentials.

Future App updates will be updated automatically (if auto update is enabled) or will be prompted via ATOM App to install the updates via Google Play Store.

Alternatively, users can scan the following QR code to download and install the app using their Android device camera.



Backward Compatibility with API

NexGen ATOM App updates via Google Play Store will have a backward compatibility with last two versions of the ATOM API. (See NexGen/API Version Dependencies above.)

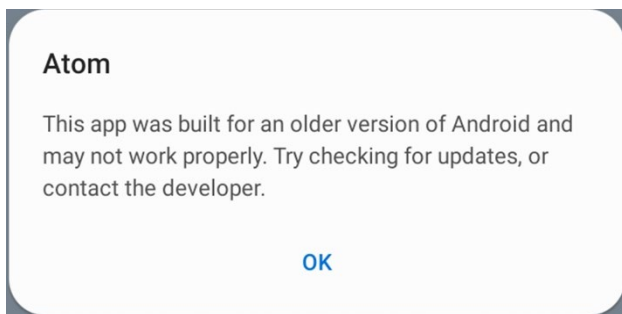
The NexGen ATOM App will display a pop-up notification to the user if the API or App is running an incompatible version.

ATOM App Install/Updates via Mobile Device Management (MDM)

The NexGen ATOM App may be distributed to user devices utilizing an MDM system and the Google Play Store release of the App. It will be up to your local MDM administrator to manage this distribution method.

Security Fix/Upgrade:

Android 9/10/11 users will no longer receive the following warning that they currently see with this SDK upgrade:



Android Versions: (Source: Wikipedia)

Name	Version number(s)	Initial stable release date	Supported (security fixes)	API level
Jelly Bean	4.1 – 4.3.1	July 9, 2012	No	16 – 18
KitKat	4.4 – 4.4.4	October 31, 2013	No	19 – 20
Lollipop	5.0 – 5.1.1	November 12, 2014	No	21 – 22
Marshmallow	6.0 – 6.0.1	October 5, 2015	No	23
Nougat	7.0 – 7.1.2	August 22, 2016	No	24 – 25
Oreo	8.0 – 8.1	August 21, 2017	Yes	26 – 27
Pie	9	August 6, 2018	Yes	28
Android 10	10	September 3, 2019	Yes	29
Android 11	11	September 8, 2020	Yes	30

