

The CloudScan App

Overview

The TapeTrack CloudScan API (TCS) allows a scanning device to communicate with a 2nd device via HTTP/HTTPS.

This enables a mobile device, such as an iOS or Android phone to act as a barcode scanner that can be connected to a desktop PC.

How CloudScan Works

When you initiate the [TapeTrack Desktop Scan Window](#) and click the CloudScan Button, the Desktop program will contact the [TapeTrack CloudScan Web Service](#) to obtain a unique connection identifier.

Once this identifier is obtained, it will be displayed on the screen as a QR Code.

The user can then scan the QR Code with their mobile device to establish a secure connection with the Web Service.

After this, each barcode that is scanned by the mobile device will be sent to the Web Service, read by the Desktop Scan Window and processed as if the barcode was scanned locally.

Security Considerations

By default, the CloudScan App on the Desktop and Mobile Device connect to the public CloudScan Web Service provided by GazillaByte.

To use the public service, both the Mobile Device and Desktop must have HTTP connectivity to the CloudScan URL.

To ensure that connections are secure:

1. A Connection ID is 128 bits, so it would take 1,000,000,000 attempts per second for a period of one year to duplicate a Connection ID.
2. Once a Mobile Device registers with the Connection ID, the Connection will be assigned to that IP address. This allows more than one device to connect to a Connection, but they would need to have the same IP address (gateway) and have knowledge of the Connection ID QR Code.

Installing the App

Apple iPhone

To install the CloudScan app on your iPhone, simply click on the App Store and search for **Gazillabyte**

CloudScan


Alternatively a link from iTunes can be found on [iTunes](#).

GazillaByte CloudScan

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Free
Category: [Business](#)
Released: 14 April 2017
Version: 1.0
Size: 3.2 MB
Language: English
Developer: GazillaByte LLC
© GazillaByte
[Rated 4+](#)

Compatibility: Requires iOS 10.2 or later. Compatible with iPhone, iPad and iPod touch.

Customer Ratings
This application hasn't received enough ratings to display a summary.

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TapeTrack
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Description

GazillaByte CloudScan allows TapeTrack Desktop users to scan barcodes without the need to purchase a dedicated barcode scanner.

[GazillaByte CloudScan Support](#) > [...More](#)

iPhone Screenshots



The screenshots show the app's interface on an iPhone. The first screenshot displays a 'Welcome!' message and instructions to scan a QR code shown on a desktop screen. The second screenshot shows a 'Perfect!' message indicating that three barcodes have been scanned, with a list of scanned items: PSD680L4, PSD670L4, and PSD663L4. A barcode scanner is also visible on the right side of the second screenshot.

Android

The android version can be downloaded from the [Google Play Store](#).



GazillaByte CloudScan
GazillaByte LLC Business
Everyone
This app is compatible with your device.

Add to Wishlist **Install**

Welcome!
To get started please scan Session QR code displayed on your desktop.

Perfect!
You have scanned 1 barcode.

AAG812L6

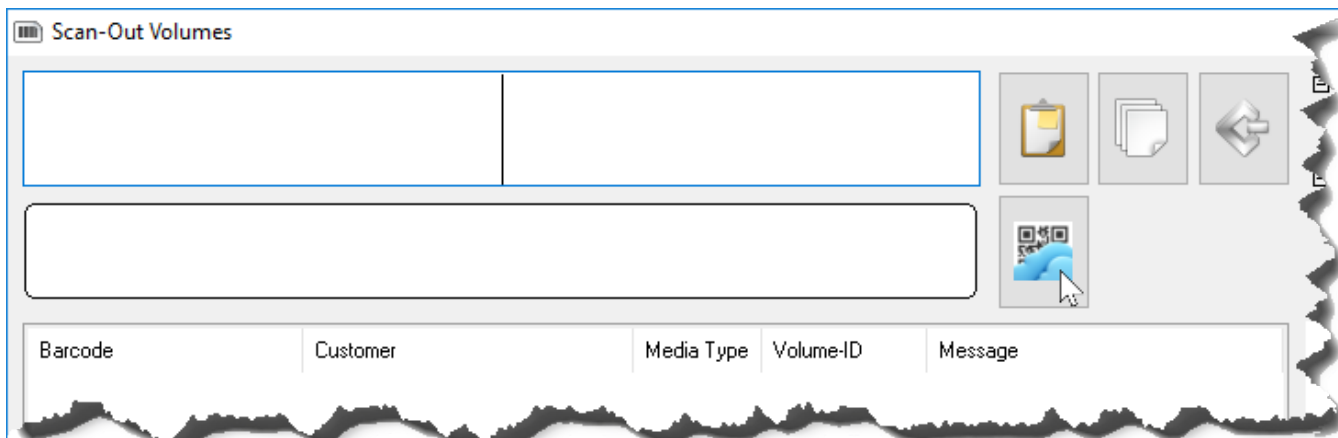
This App allows you to scan tape barcodes into TapeTrack's Desktop software without the need for a dedicated barcode scanner.

Just install the App onto your phone and begin scanning via our cloud scanning web service.

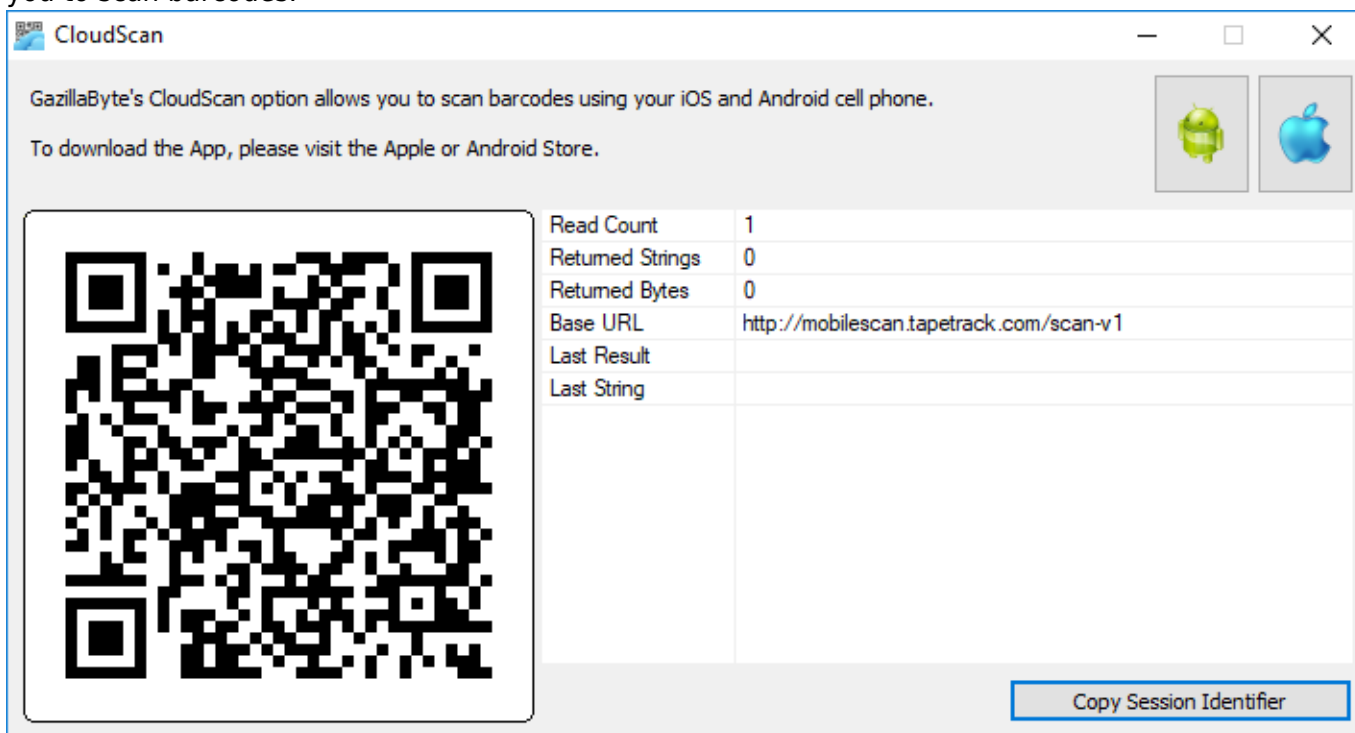
Scanning Tapes into the Desktop

Connecting to the Desktop

When you are logged on to [TapeTrack Lite](#) and have selected the function you wish to perform click the CloudScan App button.



This will launch a window containing a unique QR code to connect your phone to TapeTrack to enable you to scan barcodes.



Scanning barcodes

To scan barcodes, align your phone's camera at the barcode and it will scan it into TapeTrack to perform the task you have requested.[image](#) Continue scanning remaining barcodes until your task is complete.

Manually entering barcodes

If you cannot scan a barcode using the phone's camera, select Enter on the top right hand side of your screen and then press in the Manually Enter Barcode window. This will launch your phone's virtual keyboard.

[image](#)

Manually enter the barcode and select Enter

[image](#)

Alternative Settings

Manually adding an alternative CloudScan URL

To manually add an alternative CloudScan URL select Settings from the home screen. [image](#) On the Settings page select URL Settings this will launch the URL List page.[image](#) Select the +Add button and enter a name for this connection and the URL.[image](#)

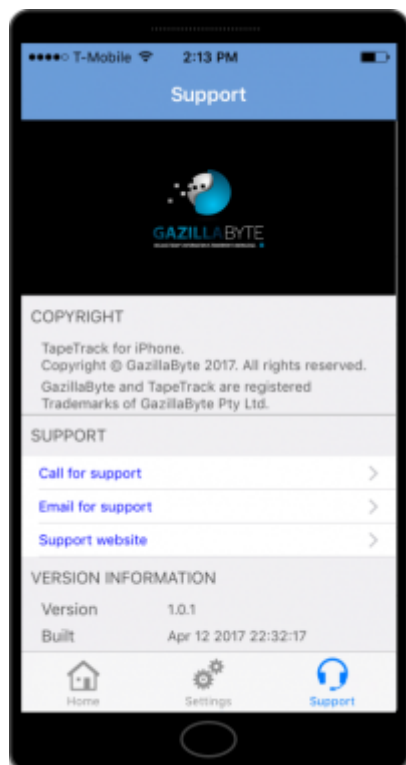
Repeat Barcode function

To enable this, from the Home screen select Settings then toggle the Repeat Barcode button to the right. Once enabled it will appear green and when a barcode is scanned more than once it will be sent to the CloudScan Service.[image](#)

When disable, the barcode will only be sent once per session (unless the user swipes left on the on

the barcode and presses the  button).

Support



The support screen will give you 3 options.

1. **Call for support**
2. **Email for Support**
3. **Support Website**

Alternatively you can contact our [Help Desk](#) here.

From:

<https://rtfm.tapetrack.com/> - **TapeTrack Documentation**

Permanent link:

<https://rtfm.tapetrack.com/extensions/cloudscan?rev=1503621030>

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