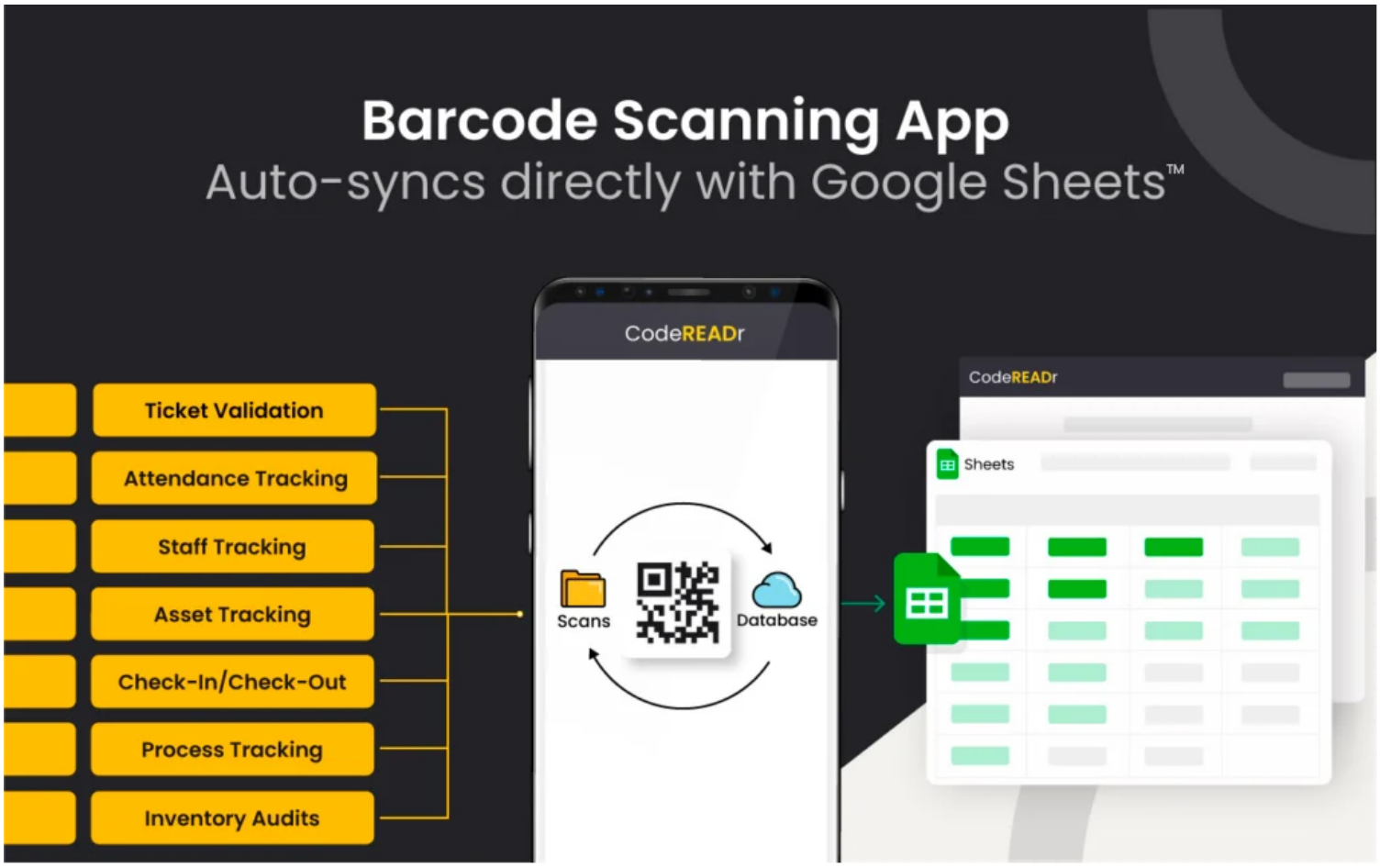
CodeREADr Connector Add-On: Seamless Barcode Scanning and Google Sheets Integration

Services (Workflows) · https://www.codereadr.com/knowledgebase/codereadr-connector-add-on/

CodeREADr Connector: Add-on for Google Sheets ™



The CodeREADr Connector Add-On for Google Sheets™ simplifies barcode scanning and data management by enabling seamless integration with the CodeREADr platform. Whether you need to record scans, validate data, or sync records, this guide will walk you through the setup and key

functionalities to get started.

Getting Started with CodeREADr Connector

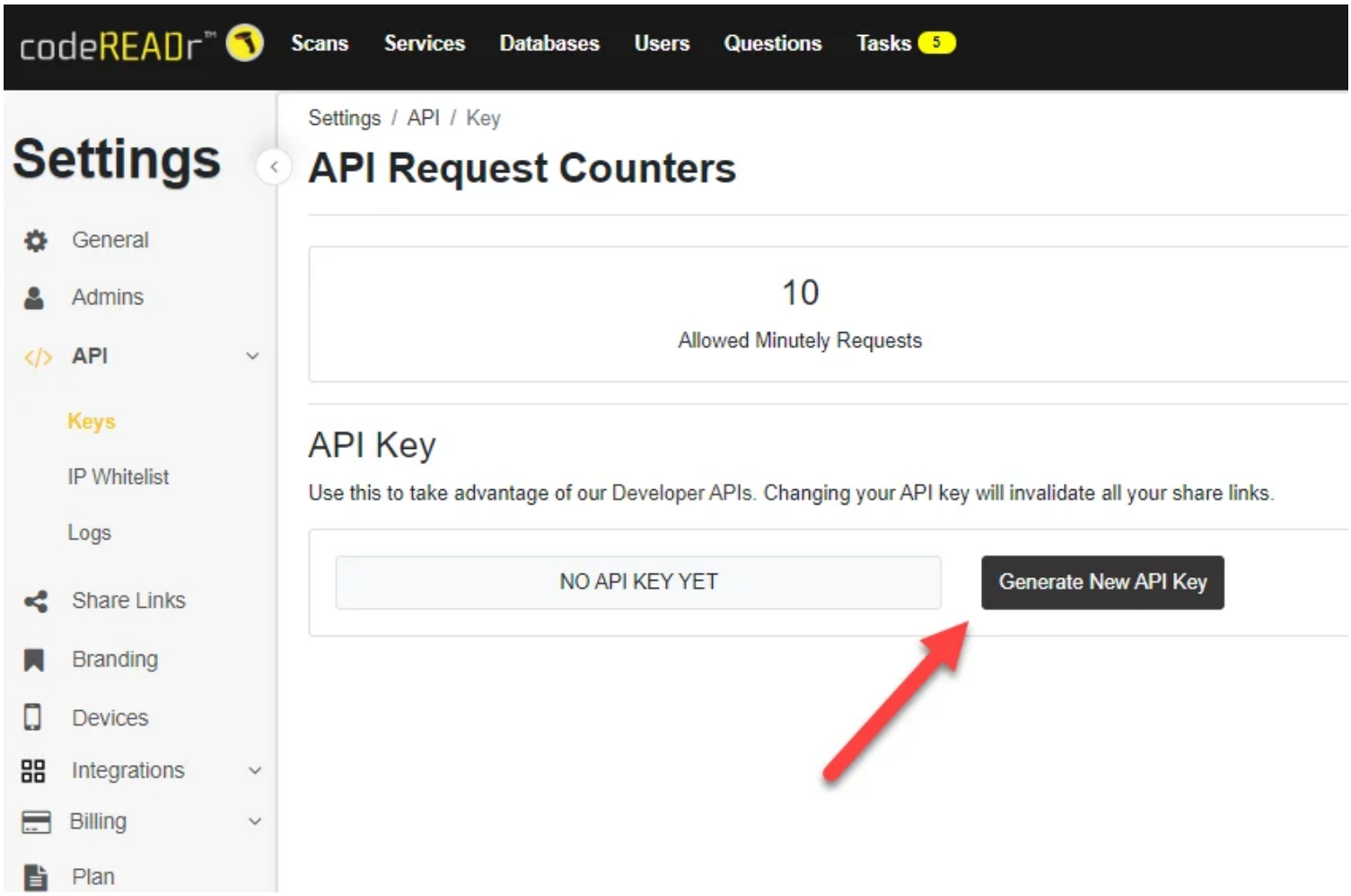
Initial Setup Steps

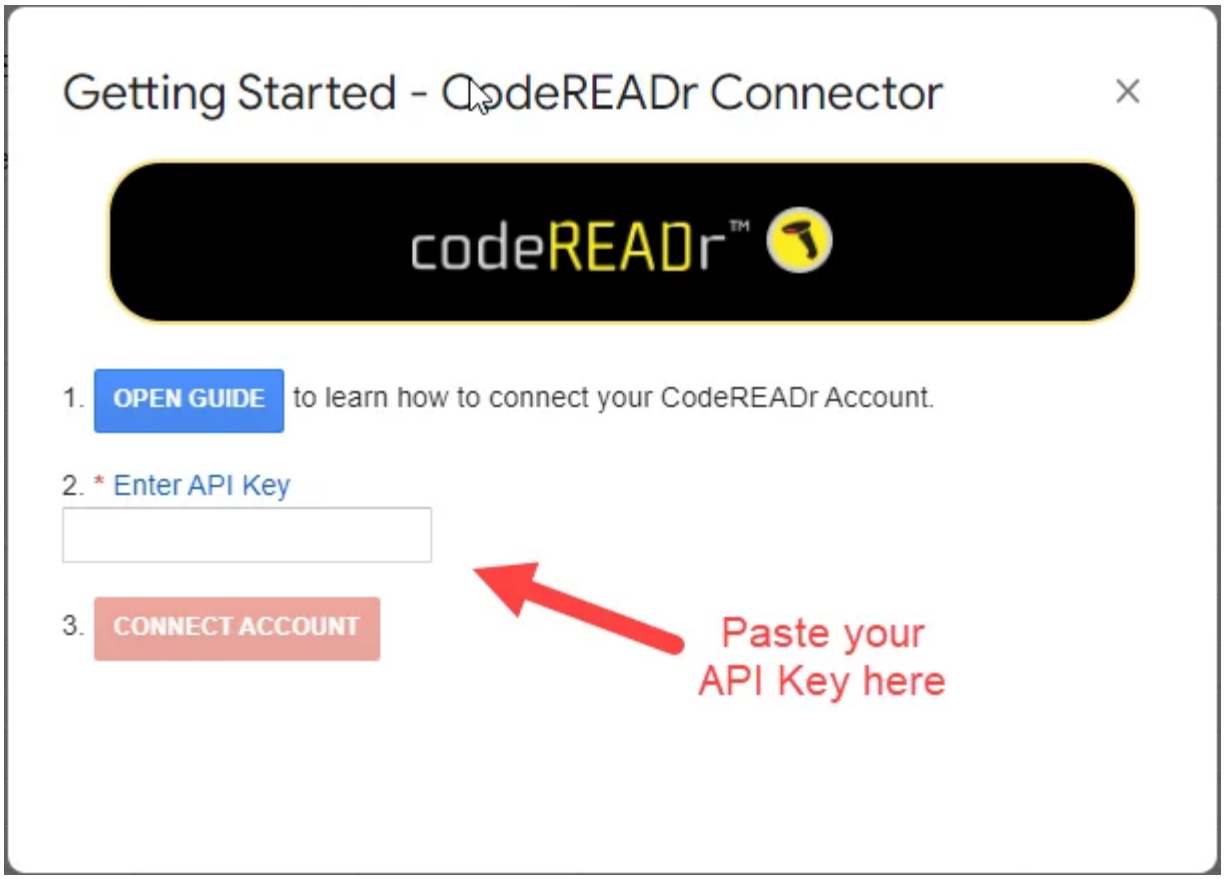
For setting up your connections, we recommend having the add-on sheet open as well as the CodeREADr website open and signed in to your account.

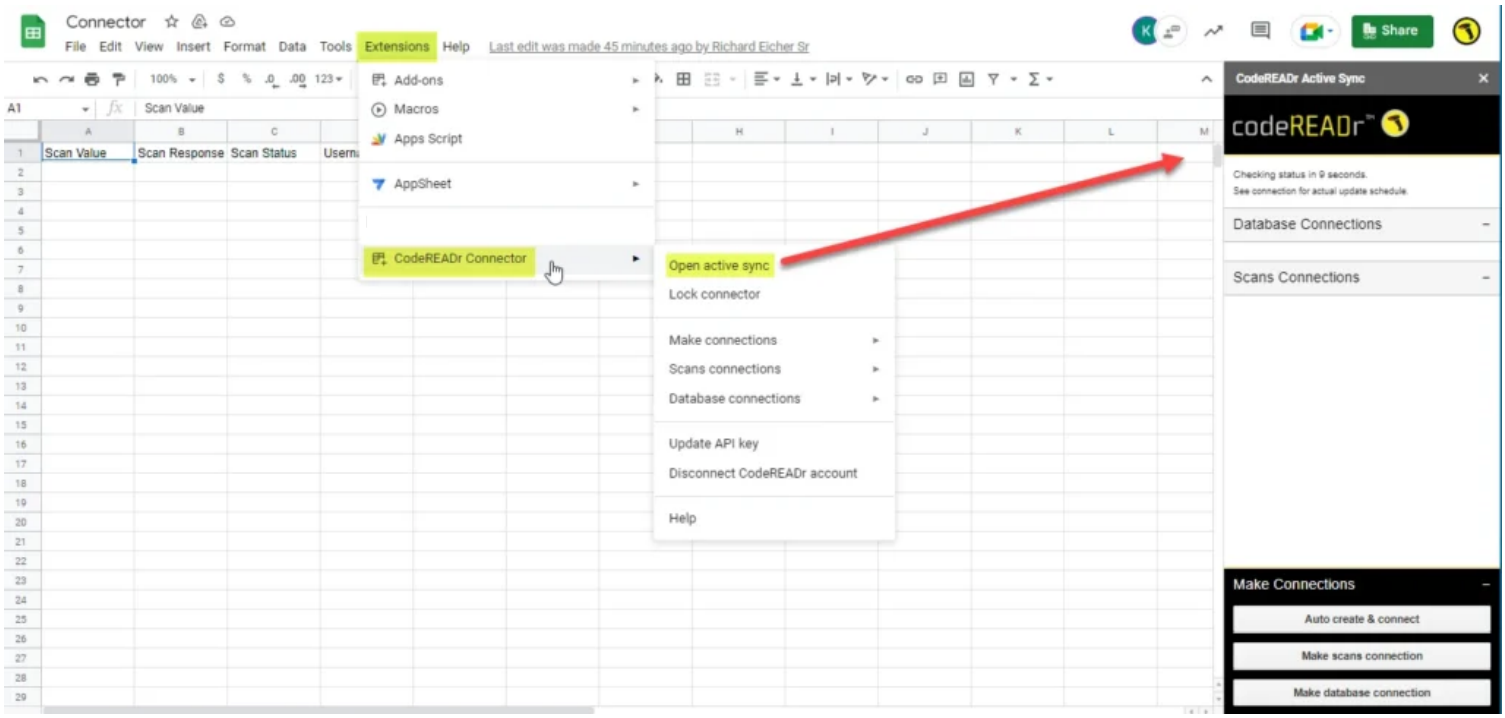
1. Install the Add-On
    - Download and Install CodeREADr Connector add-on from Google Marketplace.
2. Create a CodeREADr Account
    - Sign up for a Free Account on CodeREADr's website.
    - The free tier allows up to 50 scans and 10 API calls per minute—ideal for testing.
3. Install the CodeREADr: Barcode Scanner app on your mobile device
    - from the App Store on iTunes
    - from the Google Play Store
4. Connect to CodeREADr API
    - In Google Sheets, open the CodeREADr Connector via the Extensions menu.
    - Click Getting Started and enter your CodeREADr API Key to activate the integration.

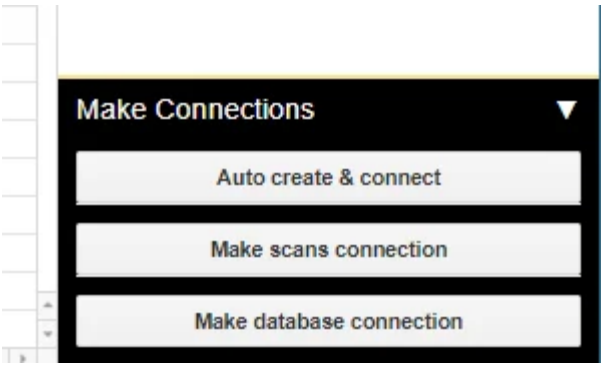
Finding your CodeREADr API KEY

1. Log in to your CodeREADr account.
2. Navigate to Account > Settings > API > Keys.
3. Copy the API Key and go to the connector and click on the "Getting Started" link to paste the API Key in the appropriate field. Once done, the sidebar will appear on the right side of the sheet.
4. Once you've installed the CodeREADr connector from the Google Marketplace, use the Extensions dropdown to start making your connections. You will see these Make Connections options in the sidebar.


codeREADr
Scans
Services
Databases
Users
Questions
Tasks 5
Settings
General
Admins
API
Keys
IP Whitelist
Logs
Share Links
Branding
Devices
Integrations
Billing
Plan
Settings / API / Key
API Request Counters
10
Allowed Minutely Requests
API Key
Use this to take advantage of our Developer APIs. Changing your API key will invalidate all your share links.
NO API KEY YET
Generate New API Key


Getting Started - CodeREADr Connector
codeREADr™
1. OPEN GUIDE to learn how to connect your CodeREADr Account.
2. * Enter API Key
3. CONNECT ACCOUNT
Paste your API Key here


Connector
File Edit View Insert Format Data Tools Extensions Help
Last edit was made 45 minutes ago by Richard Eicher Sr
Share
Add-ons
Macros
Apps Script
AppSheet
CodeREADr Connector
Open active sync
Lock connector
Make connections
Scans connections
Database connections
Update API key
Disconnect CodeREADr account
Help
Scan Value
Scan Response
Scan Status
CodeREADr Active Sync
codeREADr™
Checking status in 9 seconds.
See connection for actual update schedule.
Database Connections
Scans Connections
Make Connections
Auto create & connect
Make scans connection
Make database connection



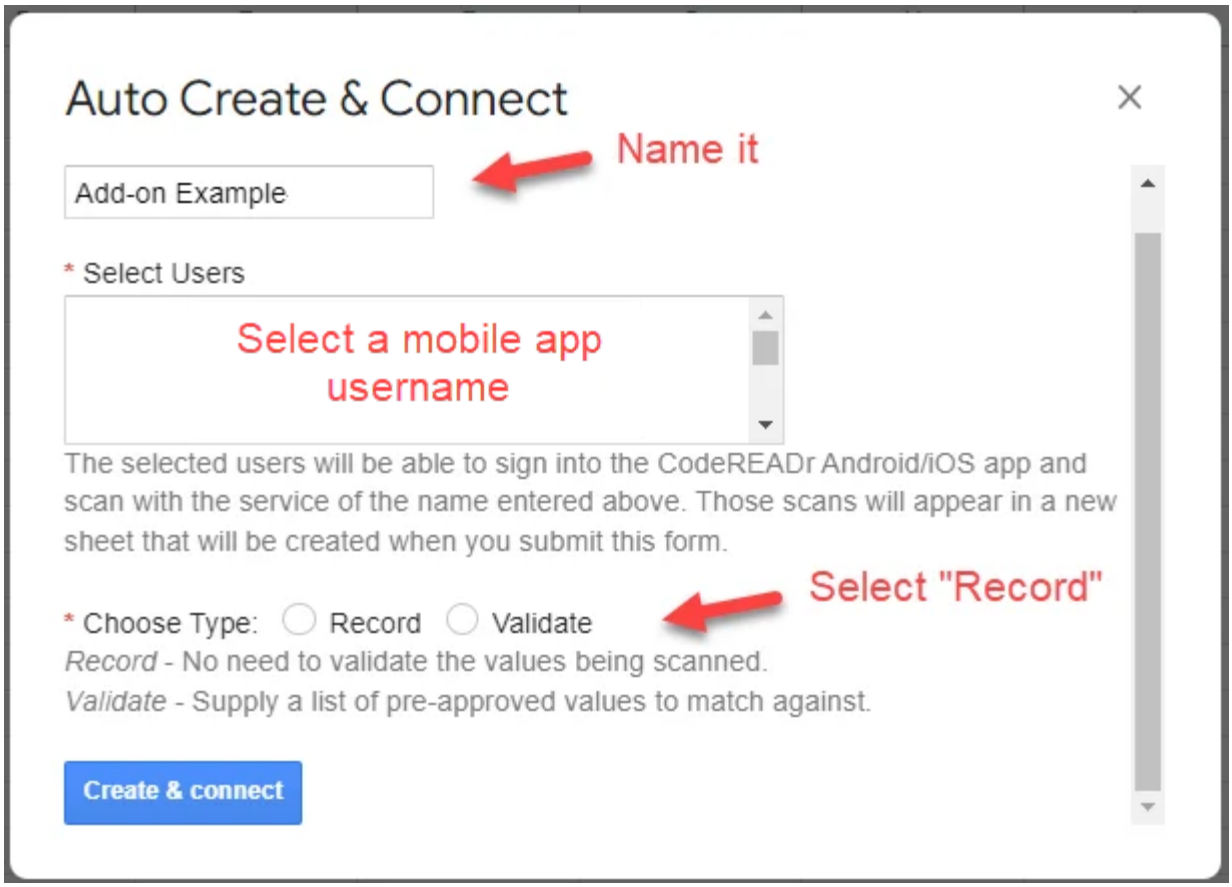
Key Features of the CodeREADr Connector

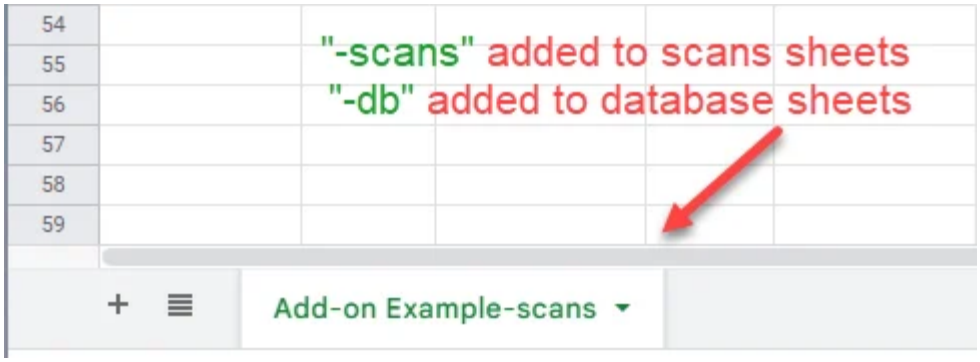
1. Auto Create & Connect: Record

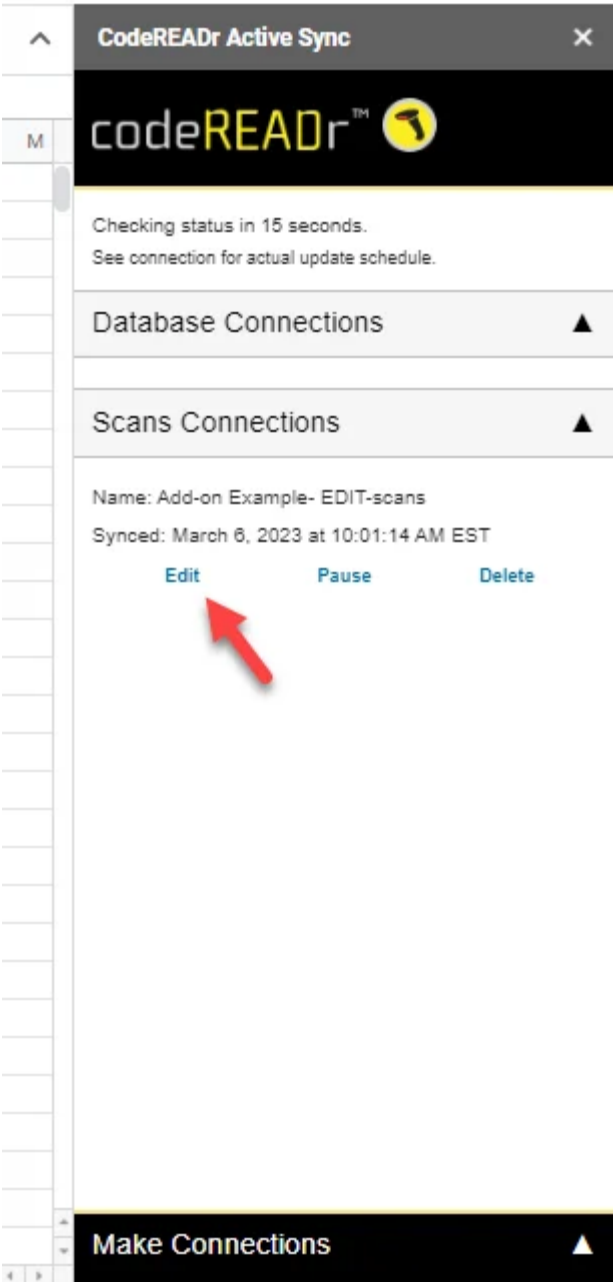
The easiest way to start recording barcode scans directly in Google Sheets.

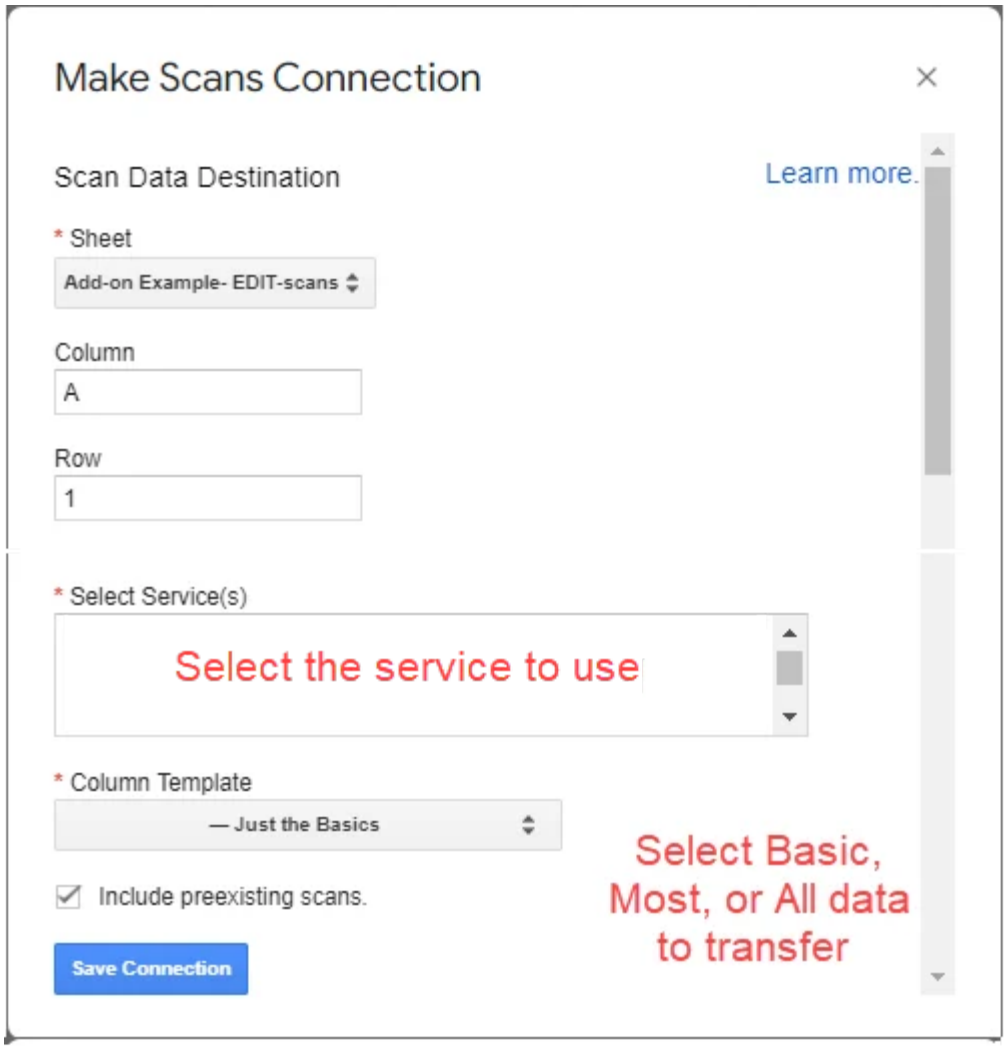
1. Select Auto Create & Connect from the connector sidebar.
2. Choose or rename the default service (e.g., “Add-on Example”).
3. Assign users or app usernames.
4. The scan connection will be made. You will see the tab in the sheet.
5. Select the sheet to insert scans. Select the start column and row. Select the starting column and row. Select the service from which the scans will come. Then select the template by the amount of data to insert from each scan.
6. Log in to the CodeREADr app and view your service.

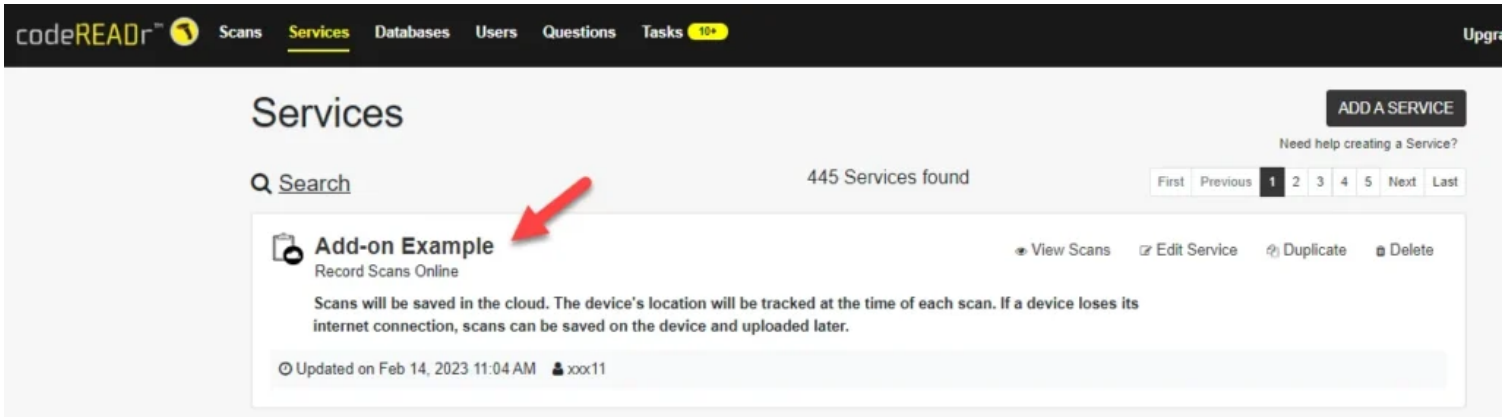
Output: Scans will populate your sheet and sync with the CodeREADr app automatically.

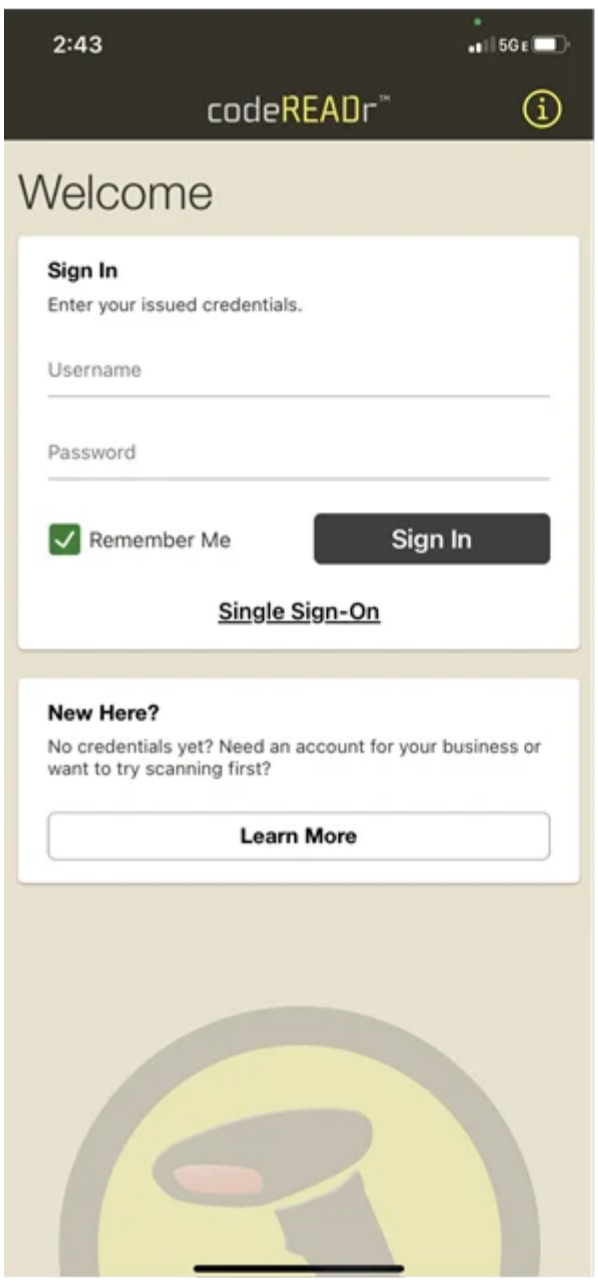

Auto Create & Connect
Name it
Add-on Example
* Select Users
Select a mobile app username
The selected users will be able to sign into the CodeREADr Android/iOS app and scan with the service of the name entered above. Those scans will appear in a new sheet that will be created when you submit this form.
Select "Record"
* Choose Type: Record Validate
Record - No need to validate the values being scanned.
Validate - Supply a list of pre-approved values to match against.
Create & connect

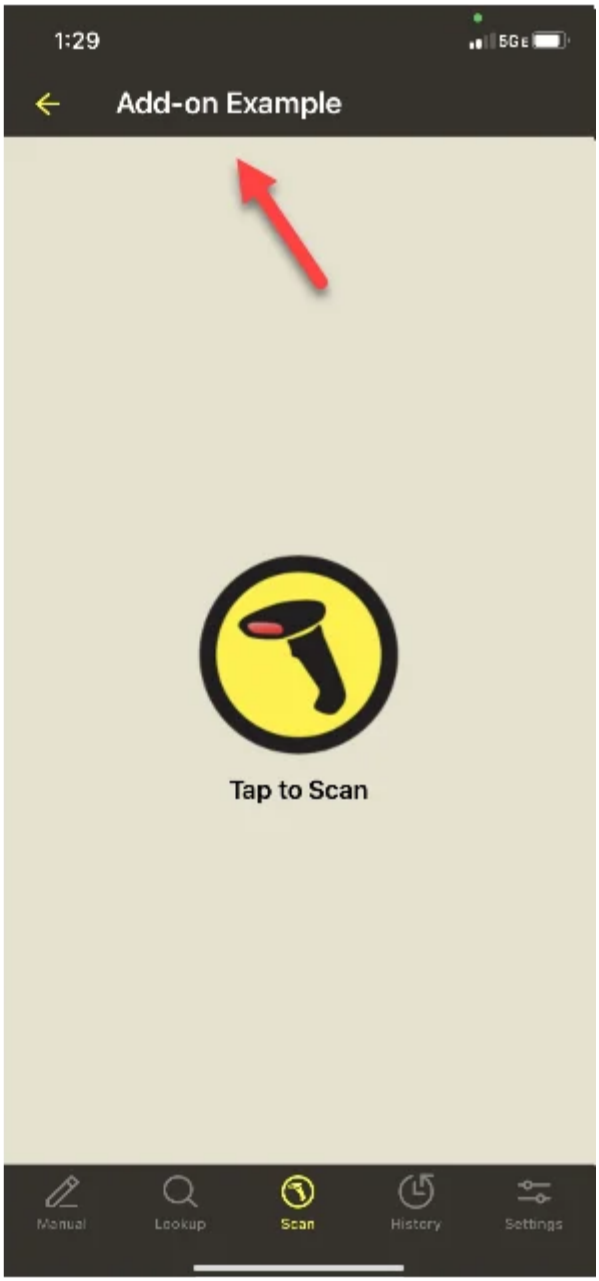

54
55
56
57
58
59
"-scans" added to scans sheets
"-db" added to database sheets
Add-on Example-scans


CodeREADr Active Sync
codeREADr™
Checking status in 15 seconds.
See connection for actual update schedule.
Database Connections
Scans Connections
Name: Add-on Example- EDIT-scans
Synced: March 6, 2023 at 10:01:14 AM EST
Edit
Pause
Delete
Make Connections


Make Scans Connection
Scan Data Destination
Learn more.
* Sheet
Add-on Example- EDIT-scans
Column
A
Row
1
* Select Service(s)
Select the service to use
* Column Template
— Just the Basics
Include preexisting scans.
Save Connection
Select Basic, Most, or All data to transfer


codeREADr
Scans
Services
Databases
Users
Questions
Tasks
Services
ADD A SERVICE
Need help creating a Service?
Search
445 Services found
First
Previous
1
2
3
4
5
Next
Last
Add-on Example
Record Scans Online
View Scans
Edit Service
Duplicate
Delete
Scans will be saved in the cloud. The device's location will be tracked at the time of each scan. If a device loses its internet connection, scans can be saved on the device and uploaded later.
Updated on Feb 14, 2023 11:04 AM
xxx11





2. Auto Create: Validate Scans

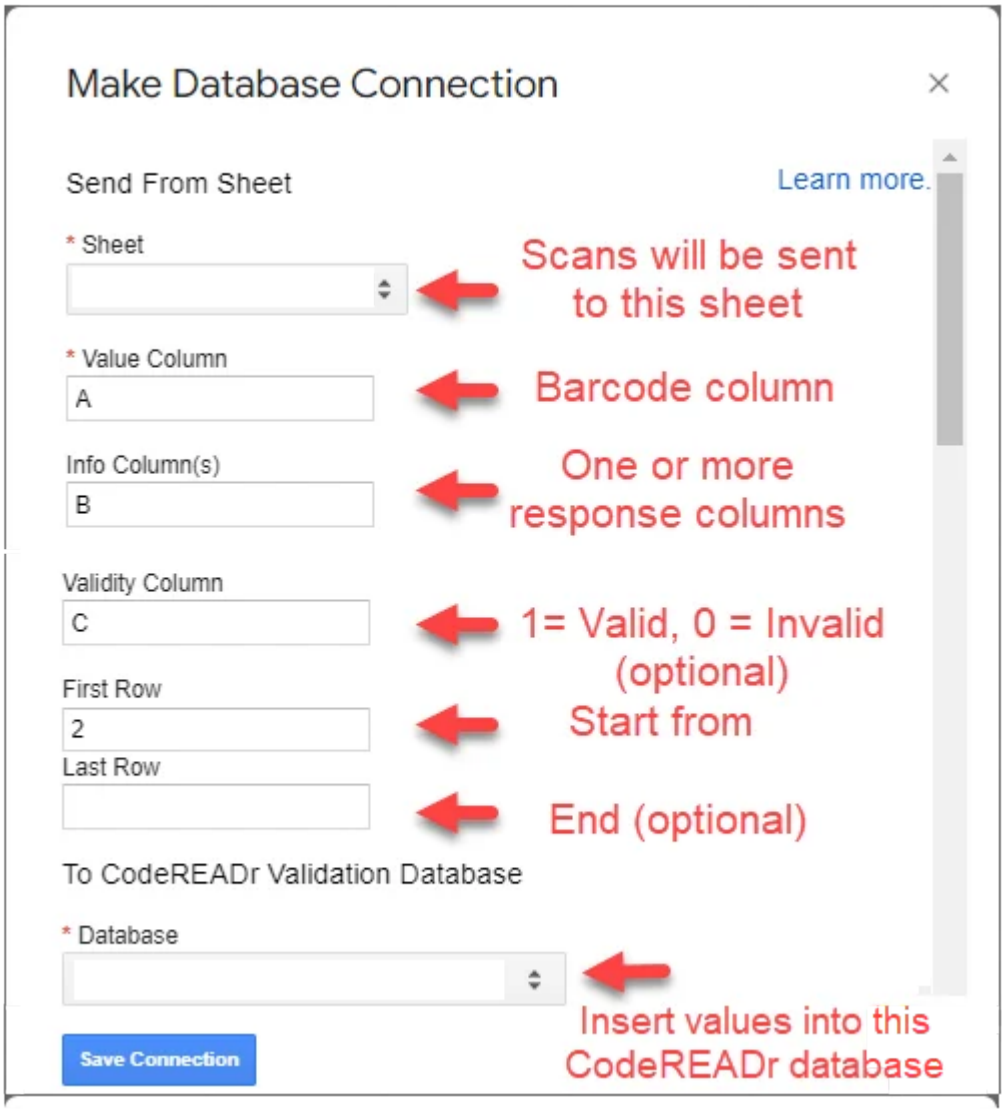
Check scan values against a database in Google Sheets.

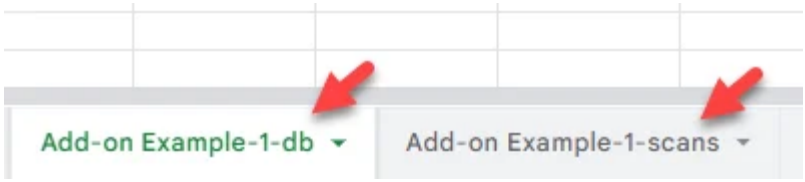
1. Follow the steps of the above, but choose Validate from the connector.
2. In addition to a new Scans Connections tab in the sheet, you will see a Database Connections option to edit the connection.

3. Set up a database in the Google Sheet, with columns for barcode values, related data, and status (e.g., valid or invalid).
4. Use the sample database or import your own values.

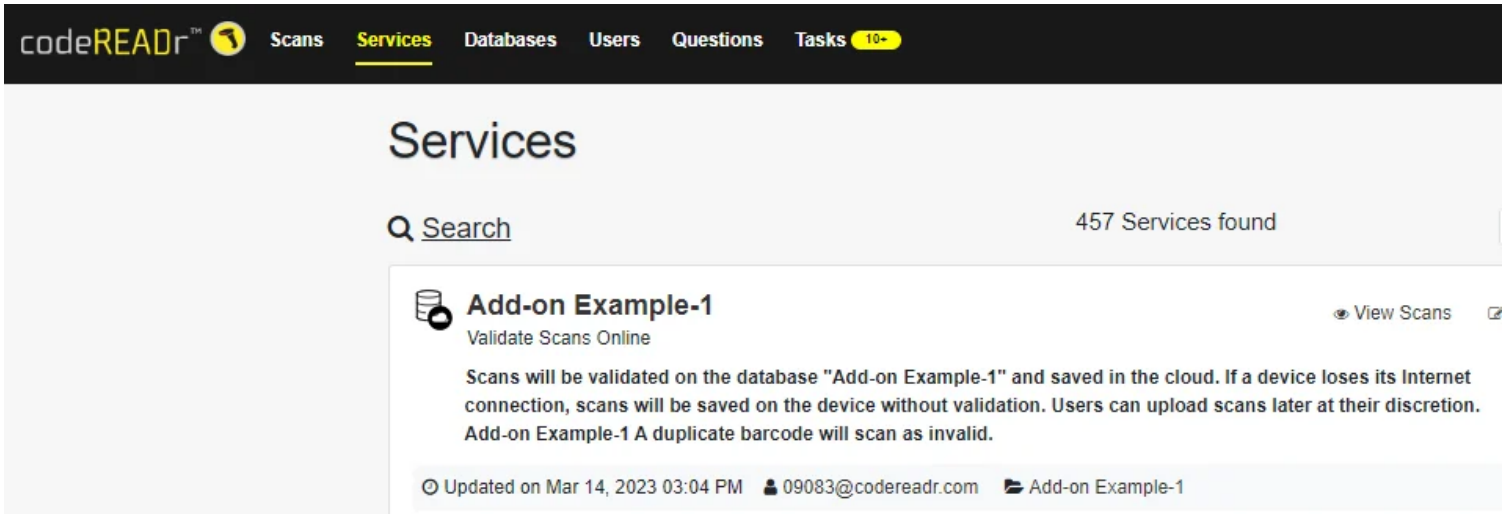
Validation Process:

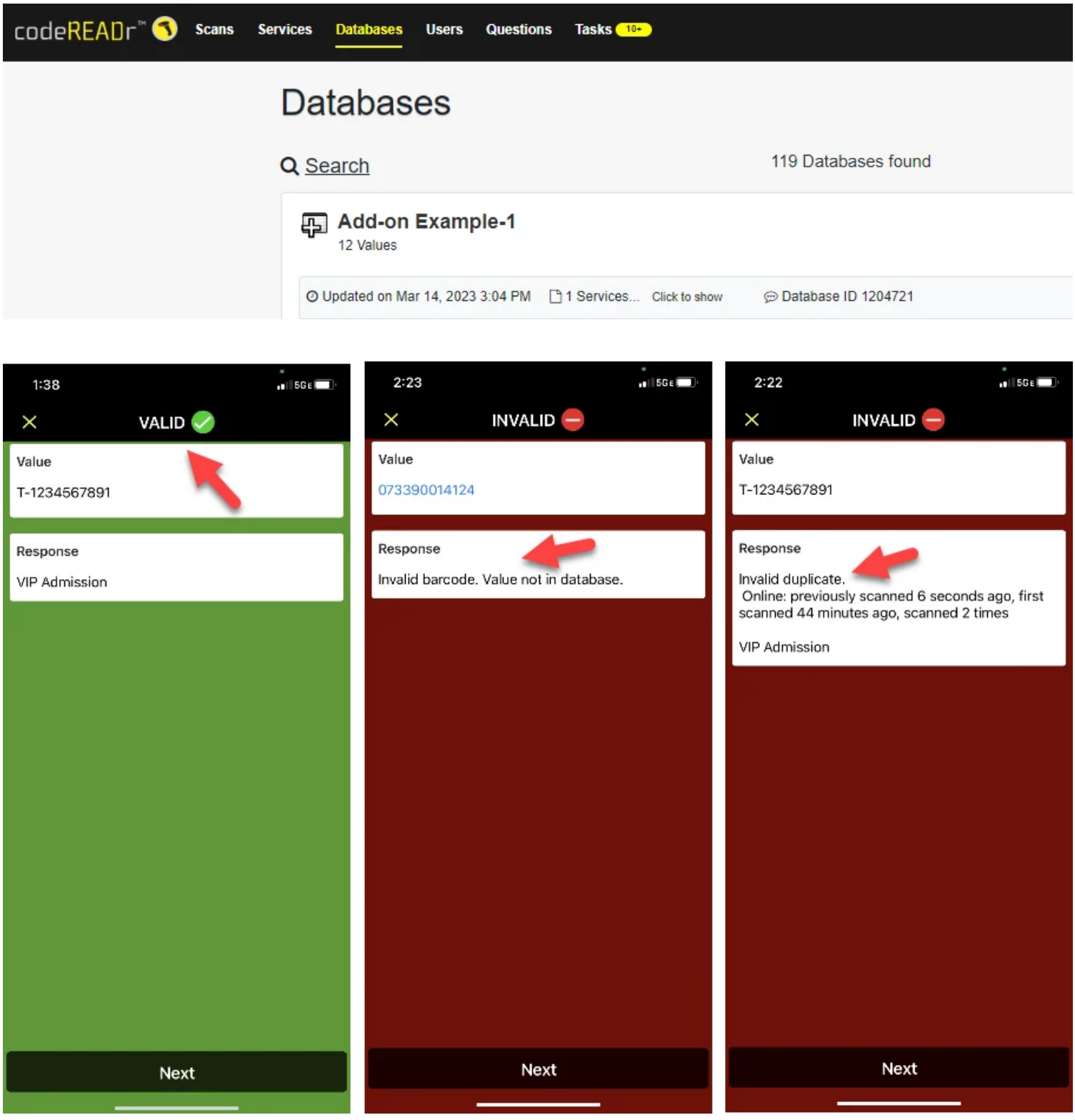
1. Scans are made, and match against the database for validity.
2. Valid scans are green for a good match, invalid are red for invalid.
3. Duplicate scans can be flagged as invalid.
4. Special invalid responses are configurable on the CodeREADr platform.





	A	B	C	D
1	Barcode	Related Info	Is Valid	
2	T-1234567890	General Admissi	1	
3	T-1234567891	VIP Admission	1	
4	A-1234567890	Attendee 1 Chec	1	
5	A-1234567891	Attendee 2 Chec	1	
6	P-1234567890	MFG Station 1	1	
7	P-1234567891	MFG Station 2	1	
8	S-1234567890	Security Checkp	1	
9	S-1234567891	Security Checkp	1	
10	A-1234567892	Asset 1 Descript	1	
11	A-1234567893	Asset 2 Descript	1	
12	UPC-123456789	Item 1 Descriptic	1	
13	UPC-123456789	Item 2 Descriptic	1	
14				
15				
16				
17				
18				
19				
20				

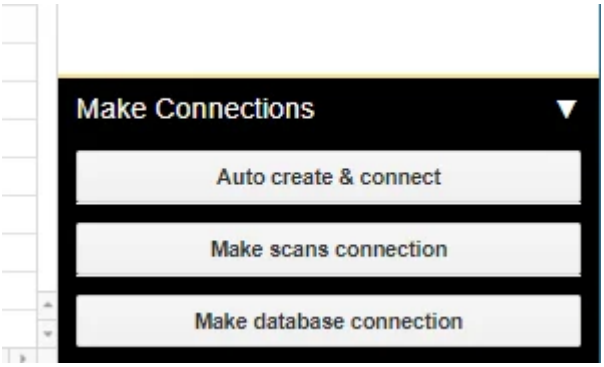


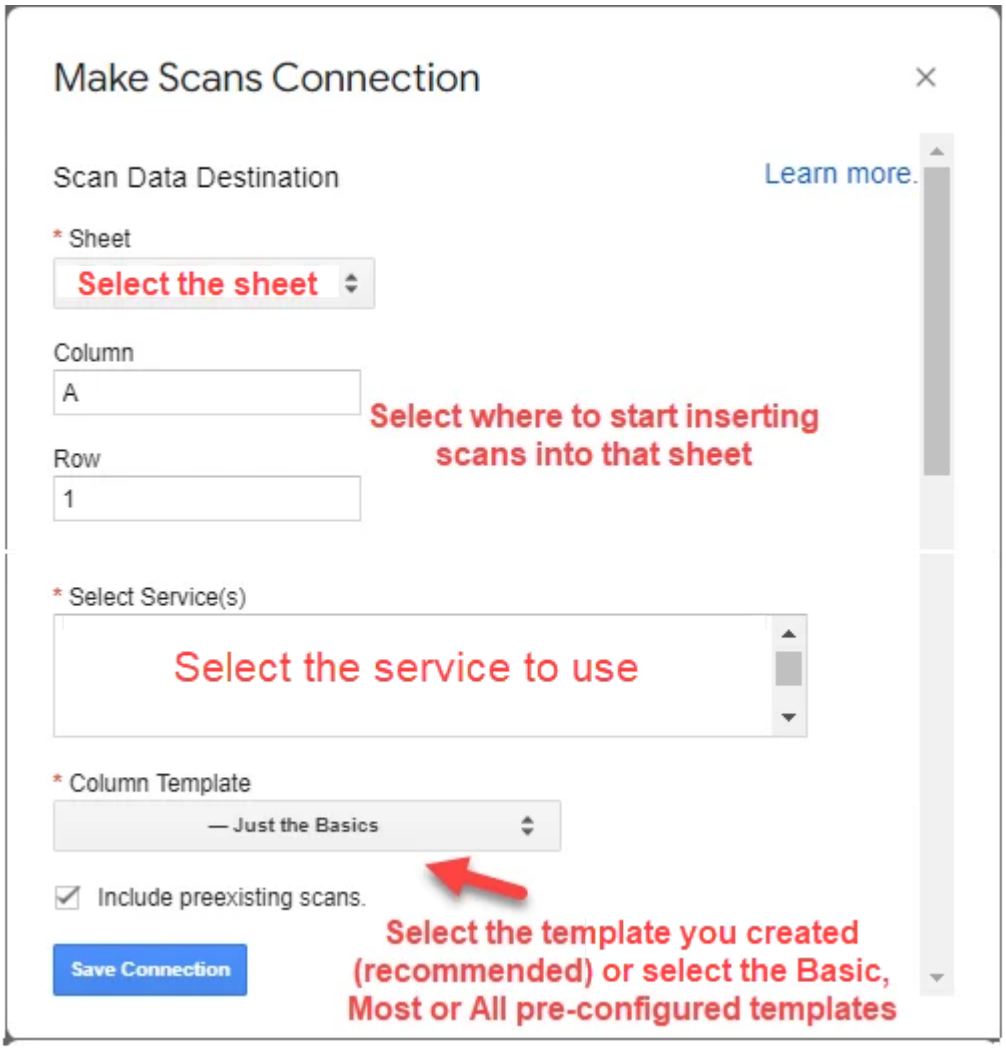


Make Scans Connection

Manually create scan workflows for specific services.

1. From the sidebar, select Make Scans Connection.
2. Link the service to a Google Sheet for customized scan templates.
3. When saved, scans from the selected service will populate the selected sheet. Note: To create your own template, follow this Export Template article.





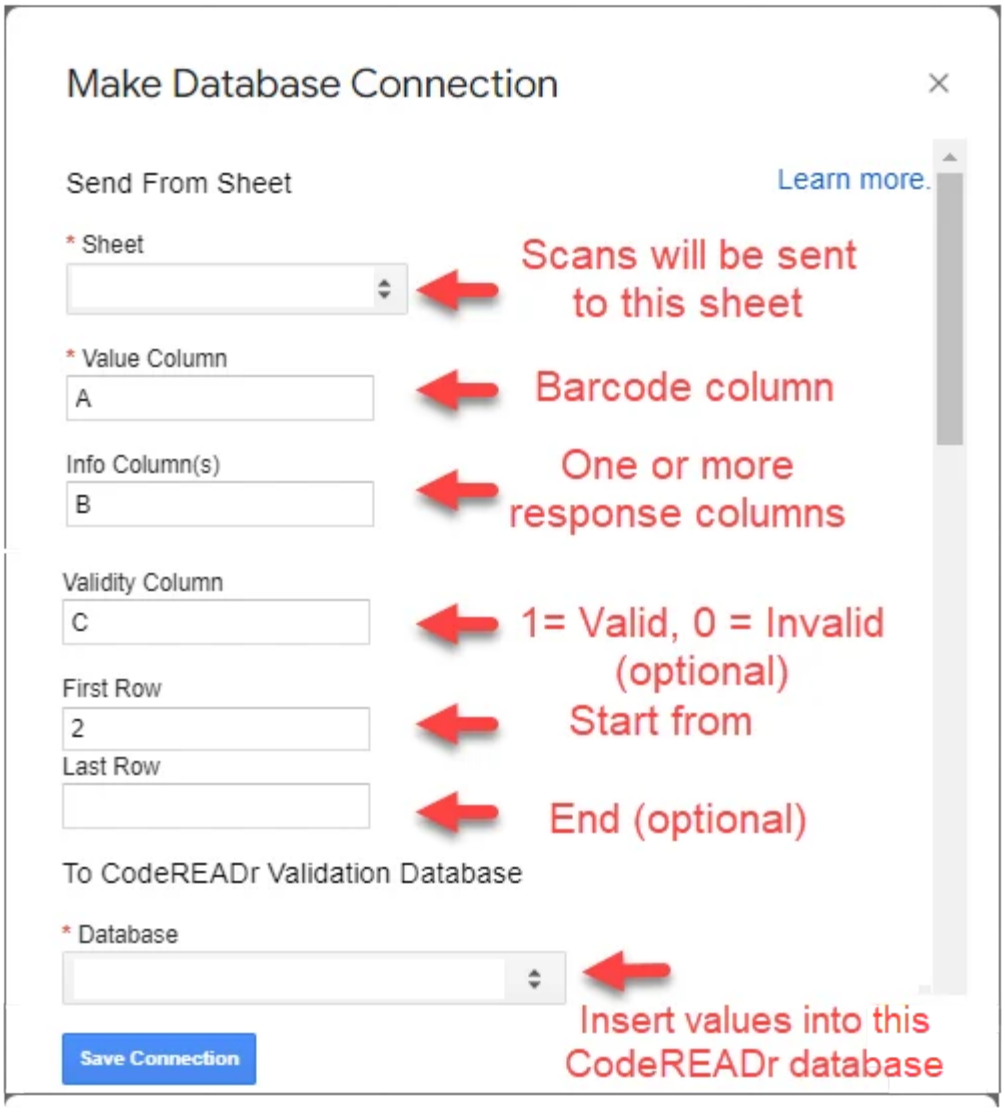
Make a Database Connection

Scan Data Syncing

- Active Sync (Sidebar open):
  - Syncs new or updated scans every minute.
- Background Sync (Sidebar closed):
  - Syncs scans hourly or can be manually triggered from the Extensions menu.
- Custom Solutions: Transfer data to other sheets or use tools like Zapier and MAKE for automation.

Database Syncing

- Real-Time Updates: Changes in Google Sheets sync to the CodeREADr database every minute (sidebar open).
- Schedule-Based Syncing (Based on database size):
  - <500 values: Syncs within a minute.
  - 500–10,000 values: Syncs every 5–20 minutes.
  - 20,000 values: Syncs hourly.



Advanced Customizations

Workflow Automation

- Configure detailed workflows on the CodeREADr website to handle specific use cases.
- Leverage APIs, webhooks, and third-party tools for integrations.

Sync Modes

- Record Mode: Captures scans and appends them to Google Sheets.
- Validate Mode: Verifies barcode values against a database and flags duplicates or invalid entries.

Templates

Create export templates on the CodeREADr website for tailored data structures.

Frequently Asked Questions

How do I automate importing and exporting data?

Use APIs or third-party tools like Zapier for seamless integration with your existing workflows.

Can I scan different barcode types?

Yes, CodeREADr supports all commercial barcode types, including QR codes, UPC, and Code 39.

What if my database is too large to sync quickly?

Split your database into smaller sheets or allow for longer sync times for large datasets.

Why Use the CodeREADr Connector?

- Streamlined Barcode Scanning: Automate scan recording and validation with Google Sheets.
- Customizable Workflows: Tailor data templates and workflows to suit any use case.
- Seamless Integration: Sync with tools like Zapier or third-party applications.

Start leveraging the power of the CodeREADr Connector today to enhance your data management efficiency!