

codeREADr™

Collect, Authenticate & Track Data

What is codeREADr™ ?

- Rapid barcode scanning or NFC chip reading
- No extra hardware required
- Cloud based recording and validation
- On Device recording and validation
- Collect Data, Ask questions with each scan
- Manage databases and scans in the cloud

Who uses codeREADr™?



Companies use codeREADr™ for:

- Access Control: *For the millions of events held each year and for mobile security control.*
- Asset Tracking: *For inventory, deliveries & receipts. For anti-counterfeiting (pharmaceuticals & luxury).*
- Transactions: *To validate coupons, vouchers, stored value, returned goods and receipts.*
- Identification: *To authenticate & track student, patient, membership and employee IDs.*

codeREADr™

How it Works

Record Scans Online

Save barcode values to the cloud. If you've lost connectivity, your scans will be saved on device and synced once you're reconnected.



Record Scans on Device

No Internet connection? Work offline. Save your barcode values on the device to sync later at your discretion.



scan



record on device



upload later



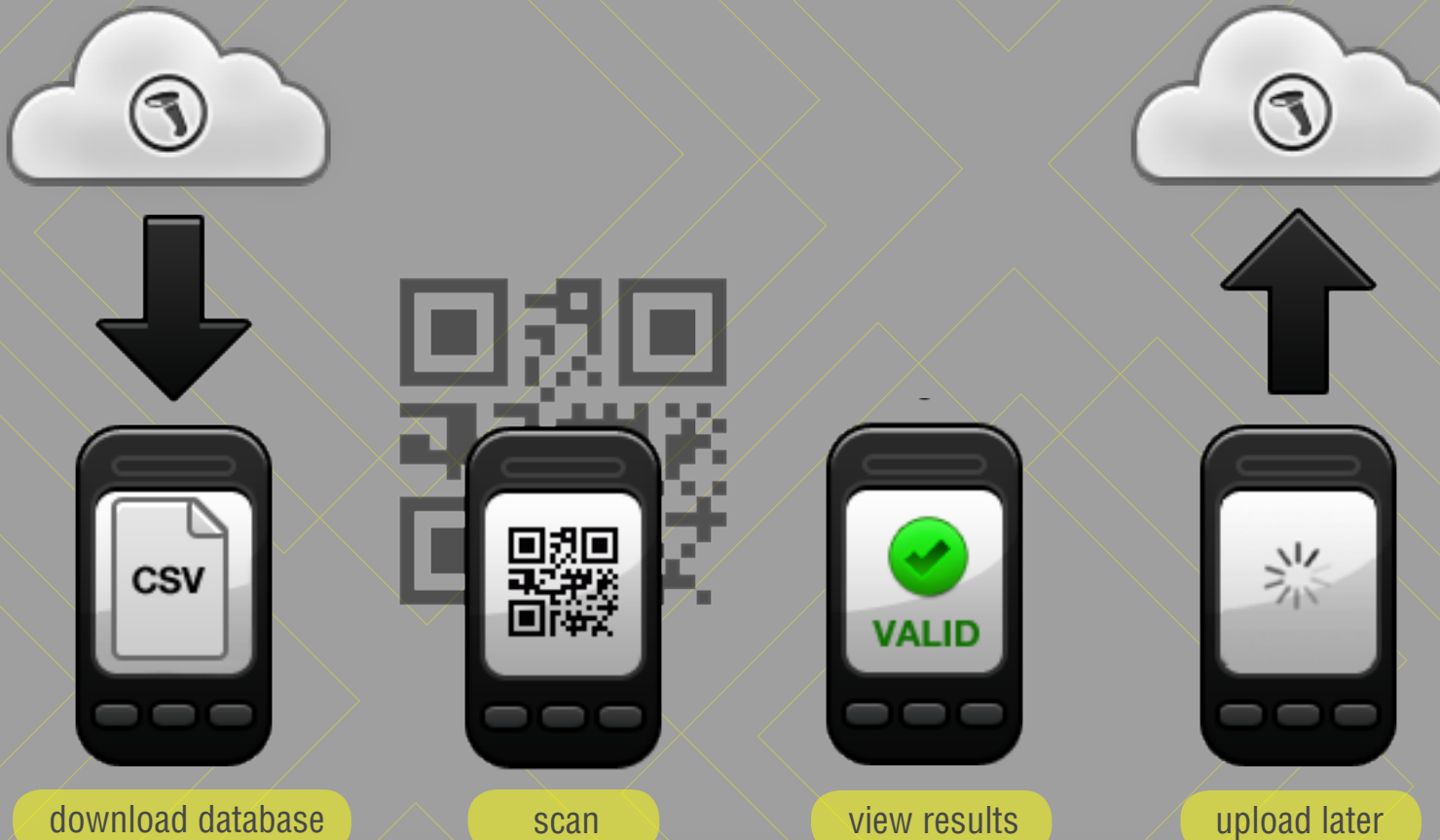
Validate Scans Online

Scan a barcode and we will validate it in real time against your database stored in the cloud.



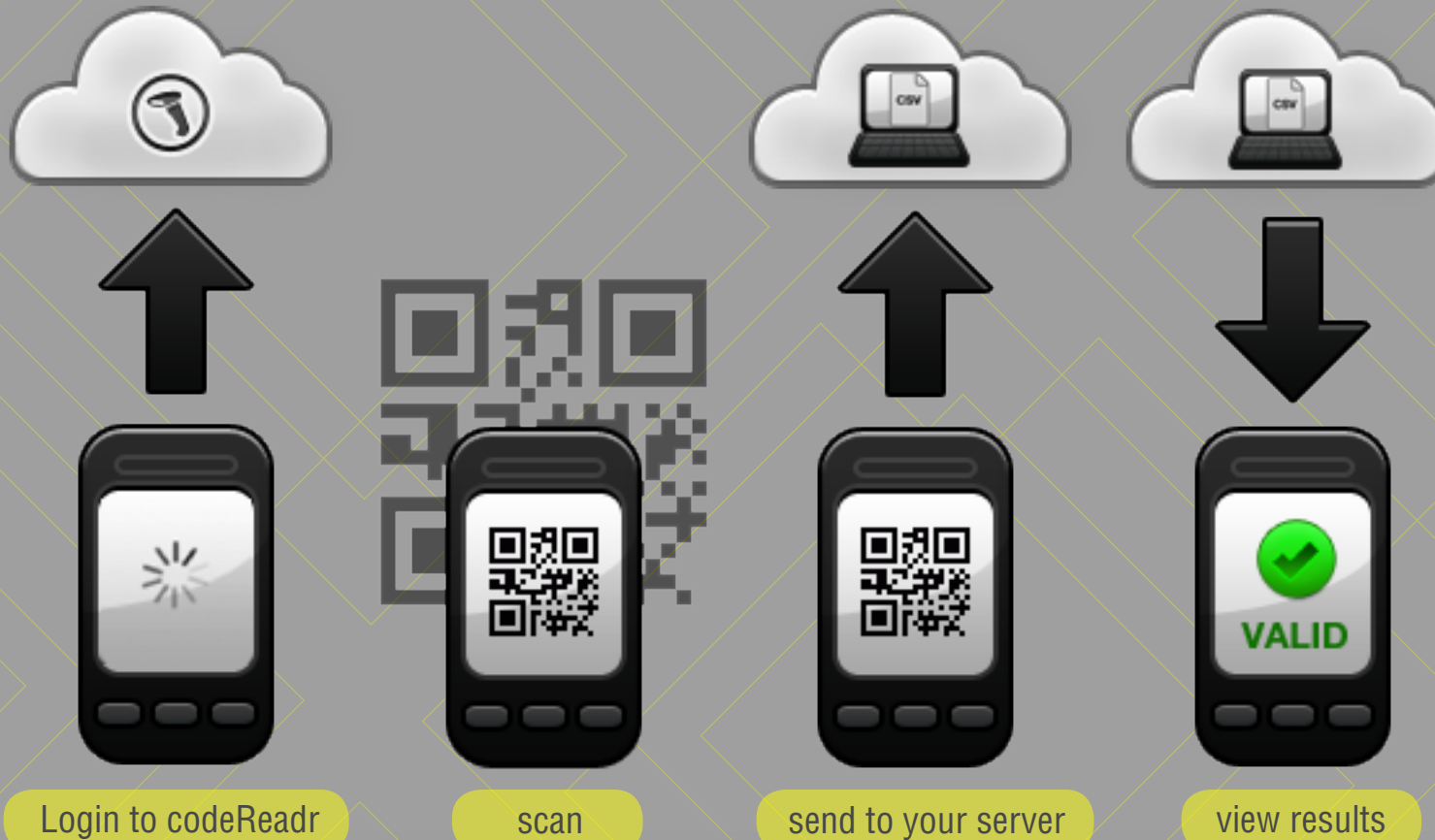
Validate Scans on Device

Download a database to your device before scanning to validate barcode values in areas with limited Internet connectivity. Sync your results later, after you're connected.



Validate Scans on your Server

Host your own database and response logic to validate scans. Login to codeREADr and direct scans to your server. Either proxy through codeREADr with PostbackURL or go directly to your own application.



Build a Database with Codereadr

Create a database and add response value by scanning barcodes. You can also re-scan a barcode that is already in your database to update the response value. The scans are logged to track changes to the database over time.



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Features

Rapid Scanning

Hover Scan / In-App Scan Engine

Hover your device's camera over a barcode to automatically scan - no buttons required. Our barcode decoding engine is built directly into the application, making our app fast and reliable.

Auto Next Scan

Automatically relaunch the device's camera after each valid scan without pressing any buttons. Ideal for rapid, continuous scanning.

SD PRO Scan Engine - Scan ANY Barcode FAST

Need to scan commercial, application-specific barcode symbologies, like automotive VIN codes? How about PDF-417 barcodes embedded with tons of data, like driver's licenses? Or even dense DataMatrix codes as small as 0.2 (5mm) square? With our SD PRO upgrade you can, and quickly - using just the smartphone's camera!

Manual Entry & Voice Search

If a barcode is damaged or lost, users can manually enter barcode values on the device or search the database. [Note: Voice-to-Text works incredibly well for search and any other text entry options. Try it!]

Bluetooth Options

If you prefer to use codeREADr with the "point & shoot" convenience of a commercial scanner, you can pair a barcode scanning accessories to Android, iOS and BlackBerry devices via bluetooth.

Service Management

Create and Manage Services

Create as many services as you would like with a single account. Each service can have its own configuration, databases and users. Manage services through our website's built-in tools or our APIs.

Manage App Users and Databases

Associate services to a defined group of one or more application users authorized to scan for that service. Associate databases with custom services for validation.

Schedule Services

If you specify a start and stop time for a custom service, it will only appear on a user's device when it's scheduled to do so.

User Management

Unlimited User Creation

Create sign-in credentials for an app user and authorize them to access specific services. When your users sign into the app, they'll only see those services. Change a user's name and password at any time, or delete them altogether from your account.

Set Device Limit

We allow you to prevent your users from logging in and scanning on devices you haven't authorized - just set a device limit when creating or editing a user

Secure Communication

Secure Transmission

When data travels from your mobile device to codeREADr's servers it is securely encrypted via SSL. This means that all of the data within your scans, such as service type, user, device and location, are encrypted with the industry standard protocol. The User Interface Login and the Developer APIs also encrypt transmissions with SSL.

IP Filtering

Define specific IP (Internet Protocol) address ranges which may call your account APIs. This provides an additional level of security to define which servers may access your account data.

Validate Scans Online

There are no third party tracking APIs installed within the codeREADr mobile application. All login and registration data is stored securely on codeREADr's servers and scan data can optionally be stored on your own server.

NFC Solutions

NFC Reading

Read, authenticate and validate NFC data (IDs, transactions, etc.) using NFC-enabled mobile devices.

NFC Security

With better security than barcodes and read/write functionality, NFC tags offer unique opportunities for automatic identification, data capture and transaction fulfillment applications.

Work Offline

Record Scans On-Device

Save scans directly to your device when network connectivity is unavailable.

Validate Scans On-Device

If you need to validate your scans against a database, download the associated database to your device before scanning. Scan results are instantly validated against the downloaded database and saved locally.

Upload Scans To Server

Once you move to a connected area, upload your scans to our servers at your convenience.

Validate Using Scan Mask

Create a validation pattern to validate barcode scans without a database to compare values to.

Database Management

Import Databases

Upload a comma-delimited CSV file to automatically populate a database with your preexisting barcode values. The database can also accommodate a response text for each value that will appear on-device after scanning - use it to include auxiliary information like a name or transaction value. You can even include a URL in the response and browse to the link within our app.

Export Databases

With codeREADr, you can export scans collected in a database and export databases values at any time to .csv files for offline usage. You can download your scans with or without collected data.

Edit Databases

Create, upload, edit and delete entire databases with ease. You can use our website or API to add, delete and edit individual database values, along with their associated response text and validation status.

Remote Databases

If your database is permanently located on a remote server, use our Postback URL service to save the effort of migration. With Postback URL, once the barcode value is scanned by a device, it is transmitted to codeREADr's servers, which then passes it to your remote server for recording, validation, and responding back to the device.

Generate Barcodes

Export 2D Barcodes

Generate QR codes from your database values. Save them individually or bulk export an entire database - we'll email you a link to a ZIP file filled with your barcode images. You can use the images in variable data printing processes, or merge them to emails.

Branded Barcodes

Add your own logo and custom text alongside every barcode you generate - just upload an image and add text within our template creation tool. Use branded barcodes on your web page or in e-mail/MMS messages.

Testing Capabilities

Easily test database functionality, recording, validation and response text right on our website. Generate a barcode and use our app to scan and verify its contents before publishing your barcode or sharing it with customers.

Barcode API

Don't want to generate barcodes through our website? Generate and export both standard and branded codes through our barcode API. For branded codes, the API can be used to dynamically generate barcodes each with custom logos and text. This is especially useful for when your required template content varies within the same database.

Branding and API's

Custom Application Rebranding

Upload your logo to our website and it will appear prominently on your app's scan screen. Developers have a host of advanced options.

Developers

Easily integrate codeREADr with your existing application. We offer APIs for most of our website's features:

- Scan List
- Custom Services
- User Management
- Device Management
- Database Management
- Barcode Generation
- Postback URL services
- Data Collection

Data Collection

Data Collection

Get more user input with Questions. Engage the barcode-holder with personal interaction or get more information about the point of entry with a question customized by you. Perhaps you want to ask a customer to review your product, or ask the user the condition of an item. Your imagination is the limit.

GPS Data

Not only can you keep track of user responses, but you can also track location data with your scans via questions or scan properties.

A Handful of Answers

Questions can be answered either with the mobile device's keyboard, or in a multiple choice style with choices that you provide to the user. Multiple choices can have multiple answers, so the question's flexibility is fully customizable.

Questions When You Need Them

You can specify under which circumstances a questions is asked. Want the question to be asked before submitting a scan, or after? Want the question to be asked if the barcode is valid, or invalid? The choice is yours.

“Scan Again” to Collect Data Within Another Scan

You can scan a second barcode within the data collection flow process. It can be used to relate two codes, to gather data from a second code or simply to fit your specific business process requirement.

Webify

Webify Scan Responses

Leveraging HTML within a scan response provides the scanner a more rich and interactive experience when scanning barcodes or IDs without leaving the native application.

Webify Service Descriptions

When launching a service from the app, HTML service descriptions enable you to more accurately and interactively provide instructions or information.

Webify View Services

If you would like to provide your own web page within the app, simply create a mobile optimized page and create a new web view service. Your application users will be able to browse through to your page within the application. Webify Scan Responses Leveraging HTML within a scan response provides the scanner a more rich and interactive experience when scanning barcodes or IDs without leaving the native application.

Webify Service Descriptions

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Webify View Services

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Web Services

Filter Scans

Scans

All Scans

Online Scans

Offline Scans

Scan Uploads

Bulk Scan Removal



Export templates

Filter

Scan Values / Responses

From

To

With These Scan Results

Valid

Invalid

Saved

▶ Services

▶ Users

▶ Devices

Filter

Showing 1 - 7 of 7 scans.



0000000099

Invalid barcode. Value not in database.

Delete

Properties

Created on Jun 24, 2013 3:02 PM Concert Tickets

iPhone iPhoneOS613 Blair_skycore



0000000099

Invalid barcode. Value not in database.

Delete

Properties

Created on Jun 24, 2013 3:02 PM Concert Tickets

iPhone iPhoneOS613 Blair_skycore



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Delete

Properties

Create and Edit Databases

Databases

Order By: [Creation Date](#) [Name](#) [Number of Services](#)

Create a Database

[Need help creating a Database?](#)



Inventory

Values

[Export Barcodes](#) [Edit](#) [Delete](#)

Updated on Jun 24, 2013 3:03 PM [Not associated with any services.](#)



10 tickets

10 Values

[Export Barcodes](#) [Edit](#) [Delete](#)

Updated on Jun 24, 2013 2:42 PM [1 Service...Click to show](#)



Scan to Order

Values

[Export Barcodes](#) [Edit](#) [Delete](#)

Updated on Jun 19, 2013 1:41 PM [1 Service...Click to show](#)



Attendance

Values

[Export Barcodes](#) [Edit](#) [Delete](#)

Updated on Jun 19, 2013 1:41 PM [1 Service...Click to show](#)



Safety Status

Values

[Export Barcodes](#) [Edit](#) [Delete](#)

Updated on Jun 19, 2013 1:41 PM [1 Service...Click to show](#)

Create and Manage Users

Users

Order By: [Creation Date](#) [Last Login](#) [Name](#) [Number of Services](#)

[Create a User](#)

[Need help creating a User?](#)



[Marsha Frank](#)

Password: Encrypted (Cannot be Shown)

[View Scans](#) [Edit](#) [Delete](#)

[🕒](#) Created on April 5, 2012 3:00 PM [🕒](#) Last login: Jun 25, 2013 12:17 PM [📄](#) 87 Services...[Click to show](#)



[Jonathan Doe](#)

Password: Encrypted (Cannot be Shown)

[View Scans](#) [Edit](#) [Delete](#)

[🕒](#) Created on Jan 11, 2013 7:00 AM [🕒](#) Last login: July 1, 2013 1:13 PM [📄](#) 34 Services...[Click to show](#)



[Lynn Peat](#)

Password: Encrypted (Cannot be Shown)

[View Scans](#) [Edit](#) [Delete](#)

[🕒](#) Created on Dec 29, 2012 1:36 PM [🕒](#) Last login: June 12, 2013 4:25 PM [📄](#) 11 Services...[Click to show](#)



[Grace Chandler](#)

Password: Encrypted (Cannot be Shown)

[View Scans](#) [Edit](#) [Delete](#)

[🕒](#) Created on May 15, 2013 9:14 AM [🕒](#) Last login: June 28, 2013 7:55 AM [📄](#) 29 Services...[Click to show](#)



[Drew Hugh](#)

Password: Encrypted (Cannot be Shown)

[View Scans](#) [Edit](#) [Delete](#)

[🕒](#) Created on Oct 18, 2012 11:04 AM [🕒](#) Last login: May 3, 2013 11:27 AM [📄](#) 13 Services...[Click to show](#)

Create and Manage Questions

Questions

Order By: [Creation Date](#) [Question Text](#) [Number of Services](#)

Create a Question

[Need help creating a Question?](#)

Contact Method

Multiple Choice (Single Answer - 4 Choices)

[Edit](#) [Delete](#)

Updated on June 19, 2013 1:41PM Phone, Email, Visit, Add to Email List Only Not associated with any services.

Asset Status

Multiple Choice (Single Answer - 2 Choices)

[Edit](#) [Delete](#)

Updated on June 19, 2013 1:41PM Pass, Fail 2 Services...[Click to show](#)

Order Quantity

Short Answer

[Edit](#) [Delete](#)

Updated on June 19, 2013 1:41PM 2 Services...[Click to show](#)

Items Checked

Multiple Choice (Multiple Answers - 4 Choices)

[Edit](#) [Delete](#)

Updated on June 19, 2013 1:41PM Aesthetic, Mechanical, Electrical, Documents 1 Service...[Click to show](#)

Interest Level

Multiple Choice (Single Answer - 4 Choices)

[Edit](#) [Delete](#)

Updated on June 19, 2013 1:41PM HOT, Very Interested, Interested, Mildly Interested Not associated with any services.

Product Interests

Multiple Choice (Multiple Answers - 6 Choices)

[Edit](#) [Delete](#)

Updated on June 19, 2013 1:41PM Product A, Product B, Product C, Product D, Product E, Other Not associated with any services.

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