



## Exit and Re-Entry Validation with Adjusted Count of Checked-In Attendees

### How it works

When an app user scans a ticket with a Check-In service, the status of that barcode value is changed within the validation database itself from its default status 1 (valid) to 0 (invalid). The first time the ticket is scanned it will be Valid but the next time it's scanned it will be Invalid.

When an app user scans the same ticket with a Check-Out service, the status of that barcode value is changed within the validation database itself from its changed status 0 (invalid) back to 1 (valid).

In this way, when that ticket is later scanned by the Check-In service it will be Valid. The status will again be changed back to 0 (invalid) so the ticket cannot be used again unless re-scanned by the Check-Out service. This allows for multiple re-entries but only when scanned out by the Check-Out service.

A count is provided of the number of people checked-in at the event. This count will subtract checked-out scans from checked-in scans to give a total. This is valuable for capacity monitoring, but note that if attendees leave without being checked-out the total will not be accurate.

### Required

- A. Internet connectivity when scanning.
- B. One database shared between two services: a Check-In service and a Check-Out service.
- C. A 25-Device Plan (minimum) during the monthly period this feature is used. Upgrade and downgrade as needed.

### Steps

1. Create a Validate Scans Online service with Duplicates = Invalid for checking in guests and another for checking out guests, both associated to the same database.
2. On the Advanced Step for each service DO NOT check Auto Sync but do check "Postback scans after they are received by the server." Keep all those Postback default settings and do not change the 'No Template (default) setting.
3. Paste this Postback URL below in the form field "Enter your Postback URL:" and then save your work.

### Postback URL construction

[https://www.codereadr.com/pb/checkio/?checking=IN&db\\_id=1111111&api\\_key=KEY](https://www.codereadr.com/pb/checkio/?checking=IN&db_id=1111111&api_key=KEY)

Variables you need to paste into the URL string:

1. **checking=** enter IN for your Check-In service and OUT for your Check-Out service.

2. **db\_id**= the ID of the database associated to the service. To find this ID go the Databases page and click on the associated database and you'll see the ID under the listing.
3. **api\_key**= your API key. Find this on your Account page.

Note: If you are using Auto-Next Scan option so the app user doesn't have to press the Next button after each scan, you can use the [API](#) to set the delay or ask the [support team](#) to do it for you.

#### **Viewing CAPACITY status from any browser**

The URL is constructed as follows:

`https://api.codereadr.com/pb/checkio/capacity.php?db_id=1111111&api_key=KEY&viewtitle=TITLE`

Variables you need to paste into the URL string:

4. **db\_id**= same as above
5. **api\_key**= same as above
6. **viewtitle**= the name of the event