



Escape Room Master Integration

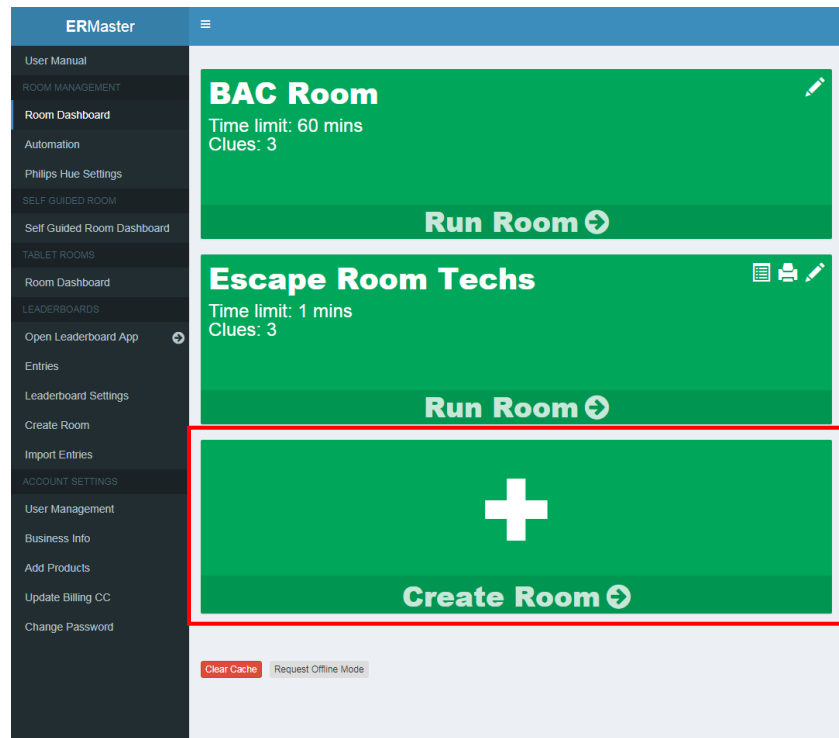
<https://escaperoommaster.com/>

Overview

ERM polls devices to get updated properties. To configure ERM we are going to set up a polling event to get changes from the BAC, as well as two example events that showcase how to trigger ERM events and how to send commands back to the BAC

Creating a room

Sign in to ERM and navigate to <https://escaperoommaster.com/dashboard/rooms/>



The screenshot displays the ERMaster dashboard interface. On the left is a dark sidebar menu with the following categories and items:

- User Manual
- ROOM MANAGEMENT
 - Room Dashboard
 - Automation
 - Philips Hue Settings
- SELF GUIDED ROOM
 - Self Guided Room Dashboard
- TABLET ROOMS
 - Room Dashboard
- LEADERBOARDS
 - Open Leaderboard App
 - Entries
 - Leaderboard Settings
 - Create Room
 - Import Entries
- ACCOUNT SETTINGS
 - User Management
 - Business Info
 - Add Products
 - Update Billing CC
 - Change Password


The main content area features three green cards:

- BAC Room**: Time limit: 60 mins, Clues: 3. Includes a "Run Room" button with a right arrow icon.
- Escape Room Techs**: Time limit: 1 mins, Clues: 3. Includes a "Run Room" button with a right arrow icon.
- Create Room**: A card with a large white plus sign and a "Create Room" button with a right arrow icon. This card is highlighted with a red border.

At the bottom of the main content area, there are two buttons: "Clear Cache" (in red) and "Request Offline Mode" (in grey).

Select Create Room

Name your room, scroll to the bottom and select Save

ERMaster 

Create Room

Room

Name*

Default time limit*
Default time limit in mins

Display timer milliseconds
Show milliseconds counting down on the timer display

Number of clues*
Maximum number of clues available to players

Enable Time Warp
When checked, allows GM to speed up countdown

Live View Text

Clue label

Time remaining label

Room end time font size*

Room end time font size*

Leaderboard

Leaderboard image No file chosen

Leaderboard room description

Automation

Display polling output

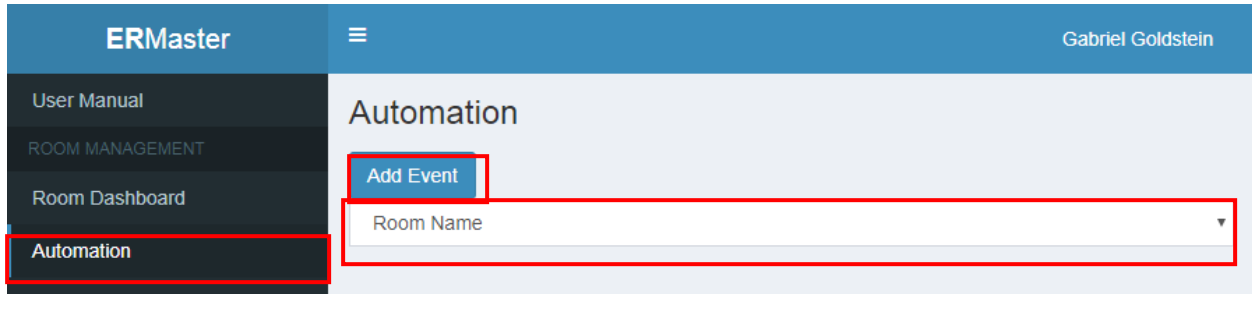
Competitive Rooms

Lap timer

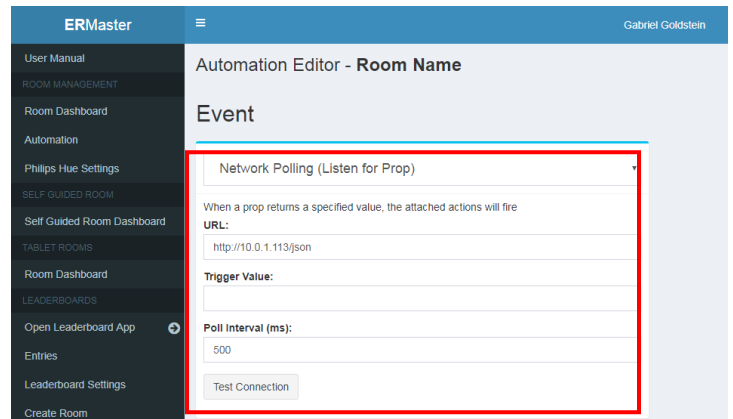
Adding Events

The Polling Event

Click the "Room Dashboard" tab, select your room, and then click Add Event



- Set the event type to "Network Polling (Listen for Prop)"
- Set the URL to `http://[BAC IP HERE]/json`
- Leave Trigger Value blank
- Set desired Poll Interval (default 500ms).
- (Optional) You may click "Test Connection" to verify connection settings.

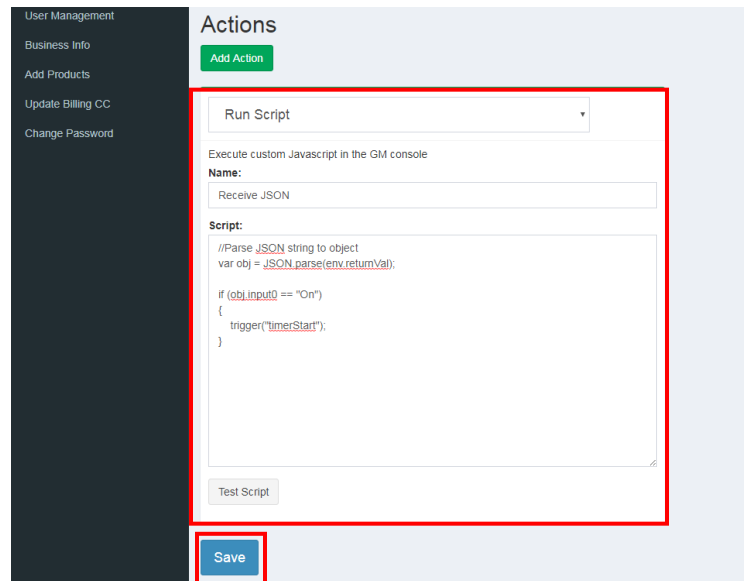


Under Actions change action type to "Run Script". Paste the following as a starting point:

```
// Get properties from json
var obj = JSON.parse(env.returnVal);

// If Input 0 is on
if (obj.input0 == "On")
{
  // Trigger event called "timerStart"
  trigger("timerStart");
}

// If Input 1 is on
if (obj.input1 == "On")
{
  // Trigger event called "resetBAC"
  trigger("resetBAC");
}
```



For a list of all properties available see the Master Command Table document.

Click Save to save your settings.

Example Event: Start Timer in ERM

After you are returned to the automation page, choose "Add Event"

ERM Master Gabriel Goldstein

Automation

Add Event

Room Name

Event	Actions
Poll Prop (http://10.0.1.113/json) - 500ms	• Run Script: Receive JSON Edit Delete

Set the new event properties as shown and click Save

ERM Master Gabriel Goldstein

Automation Editor - Room Name

Event

Custom Event

Listen for a custom JS event triggered by a custom script

Event Name:
timerStart

Actions

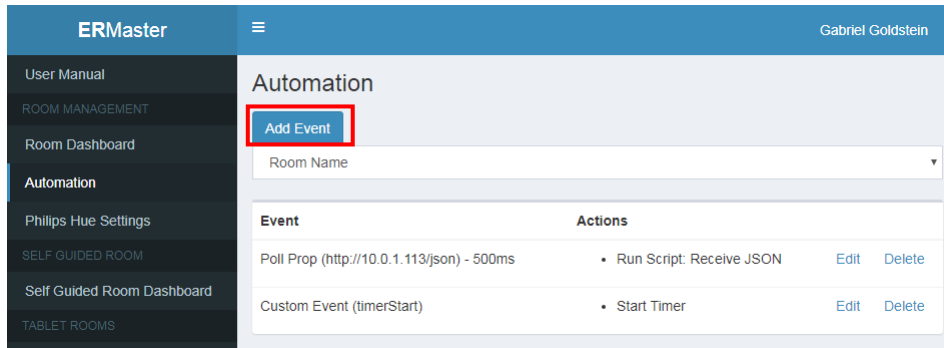
Start Timer

Begin the countdown timer

Save

Example Event: Reset BAC

After you are returned to the automation page, choose "Add Event"

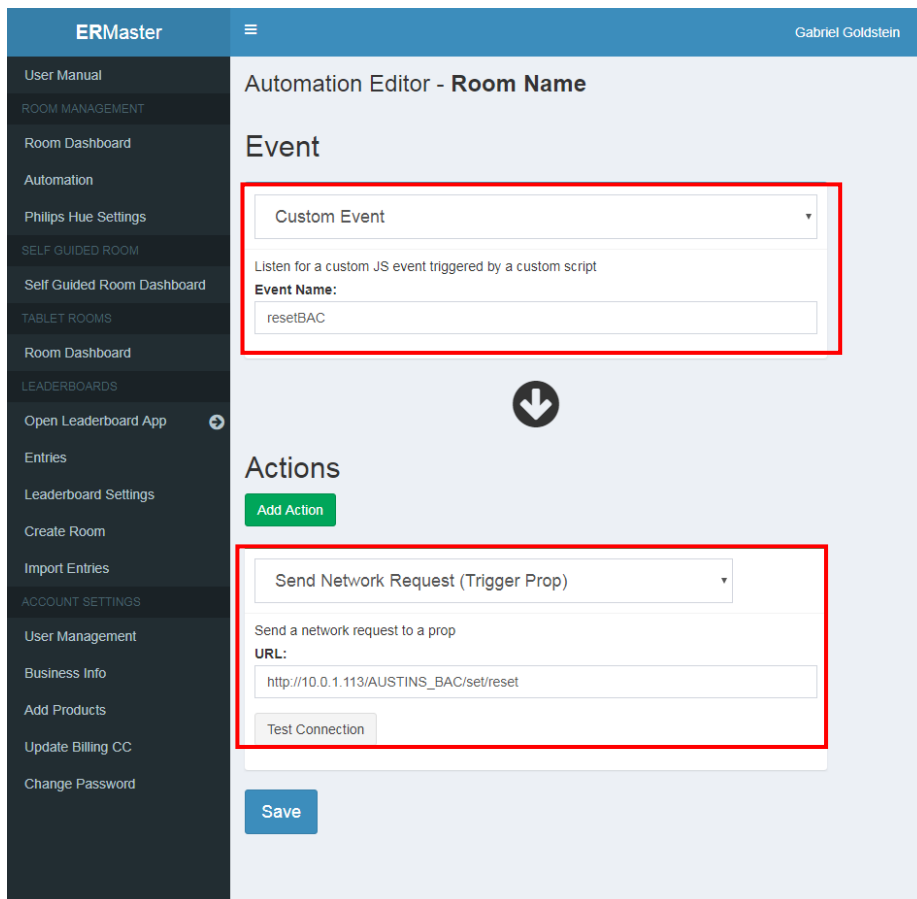


The screenshot shows the ERMaster interface. The left sidebar contains navigation options: User Manual, ROOM MANAGEMENT, Room Dashboard, Automation, Philips Hue Settings, SELF GUIDED ROOM, Self Guided Room Dashboard, and TABLET ROOMS. The main content area is titled 'Automation' and features a blue 'Add Event' button highlighted with a red box. Below the button is a 'Room Name' dropdown menu. A table lists existing events:

Event	Actions
Poll Prop (http://10.0.1.113/json) - 500ms	• Run Script: Receive JSON Edit Delete
Custom Event (timerStart)	• Start Timer Edit Delete

Set the event properties as shown

Command URLs have the format [http://\[BAC IP ADDRESS\]/\[BAC NAME\]/set/command](http://[BAC IP ADDRESS]/[BAC NAME]/set/command)



The screenshot shows the 'Automation Editor - Room Name' page. The 'Event' section is highlighted with a red box and contains a dropdown menu set to 'Custom Event', a description 'Listen for a custom JS event triggered by a custom script', and an 'Event Name' field containing 'resetBAC'. Below this is a large downward arrow icon. The 'Actions' section is also highlighted with a red box and contains a dropdown menu set to 'Send Network Request (Trigger Prop)', a description 'Send a network request to a prop', and a 'URL' field containing 'http://10.0.1.113/AUSTINS_BAC/set/reset'. There is a 'Test Connection' button and a 'Save' button at the bottom.

Notice the structure of the reset command. **More information can be found in the Master Command Table document.**

Click Save.

Further Reading

The Master Command Table has a list of all available commands and properties for the BAC.