

# Configuring Sequential Access Level Output Activation

Application Note

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# Sequential Access Level Output Activation

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Some facilities use ProtegeGX to control access and automated functions as part of their booking /scheduling process. Once a user makes a booking, it is imported into ProtegeGX (usually via a third party booking system) as a user record and access level with a set expiry start and end time.

When the user arrives at the facility they use a credential e.g. PIN or card access to activate functions associated to the booking e.g. lights and/or door access. Sometimes a user may request multiple bookings for all or parts of a facility on the same day. Currently, this requires them to return to the access point to re-activate the ProtegeGX functions via their credential at the start of each booking.

This new feature allows a user with a number of consecutive (sequential) bookings to only activate the ProtegeGX functions once for the complete duration of these bookings.

## Prerequisites

- An operational ProtegeGX system with software version 4.2.226.0 or higher
- A ProtegeGX Controller using firmware version 2.08.0822 or higher

# Configuration

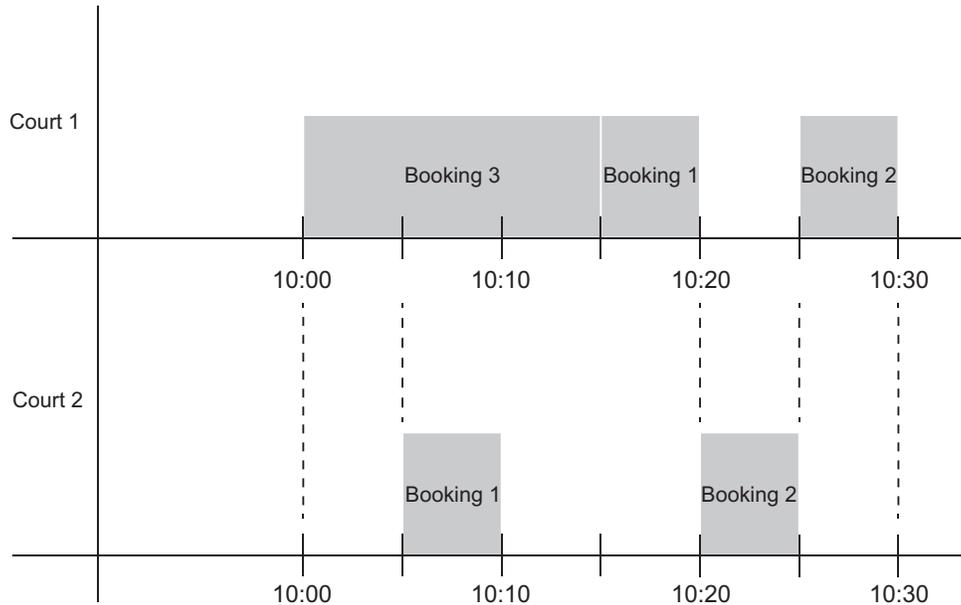
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## Enable The Sequential Access Level Activation Feature

1. Navigate to **Sites | Controllers**
2. Select the required Controller then select the **General** tab
3. In the Commands field type the command `CheckSeqAxsLvlOutput = true` in the commands box
4. Click Save

# Operational Example

In this example we will demonstrate how a facility operating two courts might be configured for one user requiring multiple, consecutive time periods. We will assume the access level output controls the lighting for each court. The two examples below provide a graphical representation of the required booking and what this might look like as a user record and access levels in ProtegeGX.



The visual graphic above represents the following scenario assuming the new feature has been enabled in ProtegeGX:

- When the user logs in at 10am, the Court 1 access level output will turn on (based on Court 1 Booking 3)
- At 10:05am, the Court 2 access level output will turn on (based on Court 2 Booking 1) Court 1 access level output will remain on.
- At 10:10am, the Court 2 access level output will turn off (based on Court 2 Booking 1). Court 1 access level output will remain on.
- At 10:20am, the Court 2 access level output will turn on (based on Court 2 Booking 2). Court 1 access level output will turn off (based on Court 1, Booking 1)
- At 10:25am, the Court 2 access level output will turn off (based on Court 2 Booking 2). Court 1 access level output will turn on (based on Court 1, Booking 2)
- At 10:30am, the Court 1 access level output will turn off (based on Court 1 Booking 2).

Access Levels				
<input type="button" value="Add"/>		<input type="button" value="Delete"/>		<input type="button" value="Graphic View..."/>
Name	Access Level Expires	Expiry Start	Expiry End	Schedule
Court 1 Booking 1	<input checked="" type="checkbox"/>	02/03/2018 10:15 a.m.	02/03/2018 10:20 a.m.	Always
Court 1 Booking 2	<input checked="" type="checkbox"/>	02/03/2018 10:25 a.m.	02/03/2018 10:30 a.m.	Always
Court 1 Booking 3	<input checked="" type="checkbox"/>	02/03/2018 10:00 a.m.	02/03/2018 10:15 a.m.	Always
Court 2 Booking 1	<input checked="" type="checkbox"/>	02/03/2018 10:05 a.m.	02/03/2018 10:10 a.m.	Always
Court 2 Booking 2	<input checked="" type="checkbox"/>	02/03/2018 10:20 a.m.	02/03/2018 10:25 a.m.	Always

From the visual graphic we can see how the bookings would be imported into ProtegeGX above, and applied to the relevant user record as access levels with start and expiry dates.

The access level will deactivate if the active access level is deleted from the user, or the active expiry time is cut short.

# Contact

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Integrated Control Technology welcomes all feedback.

Please visit our website (<http://www.ict.co>) or use the contact information below.

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