inner range

Global Anti-Passback

Controller Firmware V3.2 onwards

GUIDE

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INTRODUCTION

Anti-passback on the Integriti controller is managed using Locations and/or Areas. Locations are specific to global (multi-controller) anti-passback. Areas are local to the controller.

Doors can have an inside and outside location and an inside and outside area. Location is a global entity used for access and global anti-passback. Area is a local entity used both for access control and security. A users location can either be a global location or a local area, not both at the same time. If a door has both, the user is put in the location when they enter.

Global Anti-Passback Not Flagged In Controller

The following occurs when the 'Enable Global Antipassback' option is not set in the Integriti controller.

Users can get access through a door if they have the inside area (or area list containing inside area) as a permission and that permission has the access area flag set in the permission, even if they don't have the door as a permission (but not if they have a deny on that door).
Users can get access through the door if they have the door as a permission (or it is in their door list permission) unless they have a deny permission with the enter area flag set which includes the inside area.

Area counting and automatic area arming when user count is 0 can be used wherever area based access control is used.

When doors are setup for anti-passback, the controller will only look at the user's area when deciding whether to allow or deny. If the user is currently located in a location it will appear as if they are in no area for the purpose of anti-passback processing.

Global Anti-Passback Flagged In Controller

The following occurs when the 'Enable Global Antipassback' option has been set in the Integriti controller.

A user can enter a door if they have the inside location as a permission, even if they do not have the door as a permission (but not if they have a deny permission on the door).

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Note that at the time of writing there is currently no location list. Locations would have to be aggregated in permission groups if users start to run out of permissions when using location based access.

Users with the location permission inherit access, as the permission serves no other purpose (area permissions are also for arming/disarming).

If a user has a door as a permission, they will be denied if they have a deny permission on the inside location.

Area counting is disabled when global anti-passback is enabled. If doors have inside and outside areas, no area counting will be done.

When doors are set up for anti-passback, they will only look at the users location. If the user is currently in an area they are considered to be in no location for the purpose of anti-passback.

Not Affected by Global Anti-Passback

Doors can still allow or deny if the entry/exit area is armed based on Menu Group (allowed disarm on entry), user area off list, Door Type (disarm entry area, deadlock).

Users can arm/disarm areas on access at a door (eg: pushbutton arm, disarm entry/exit area on egress/ingress, 3 swipe arm, etc) depending on programming and user permissions.

CONFIGURING GLOBAL ANTI-PASSBACK

To enable global anti-passback in the controller.

1. Click on the Hardware tab followed by Control Module.
2. Double-click a controller to open the editor window.
3. Under Module Details, expand-out General Behaviour.
4. Tick the Enable Global Antipassback option.
5. Save and close the Editor Window for the controller.
6. Repeat steps 1-5 for the remaining controllers that are to be used for global anti-passback.

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