



GLOBAL & ZONED ANTI-PASSBACK

GLOBAL

Most commonly used in parking garage systems, Global Anti-Passback utilizes In and Out devices. WinDSX tracks the status of all Card Holders as In or Out. Anti-Passback enforces the IN > Out > IN > Out pattern of usage. You can never read IN or Out more than once in a row.

WinDSX provides three levels of Anti-Passback

1. Hard – credentials must read In before reading Out
2. Soft – credentials grant access regardless of In or Out status but creates an exception alarm when the credentials are used out of sequence.
3. Timed - Allows a card to be read only once every X number of seconds at the same reader.

ZONED

When Card Holders need access to more than one In or Out device, Zoned Anti-Passback is applied. For example a Card Holder uses their credentials to park in the parking garage (In) but also needs entrance to the building (In). Zoned Anti-Passback allows the Card Holder to be granted access to two different In devices since they are in different zones.

Zoned Anti-Passback utilizes four independent zones of Hard (In/Out), and Soft (Entry/Exit) Anti-Passback.

- Each reader can be in any, or all of the four zones.
- The reader can be in up to four Anti-Passback zones. It could be an In reader for one zone and at the same time be an In or Out reader in another zone.
- Each card maintains a separate In/Out status for each of the four zones. After entering an In Device, the person will not be able to enter the same or another In Device without first exiting through an Out Device unless it is in a different zone.
- This allows Anti-Passback to be used on both exterior and interior doors without the two zones affecting each other.
- Card holder is denied access if the card read is in violation of the passback status to any zone.

RESETTING STATUS

Reset of status to neutral can be performed:

1. Manually for all Card Holders or a single Card Holder
 2. Automatically at midnight for all Card Holders.
 3. Once the Card Holder status is set to neutral, its In/Out status is determined on the next use.
- WinDSX Version 3.1 with Firmware V567/3085 and lower: Master Access Level overrides Hard Anti-Passback but not Timed Anti-Passback.
 - WinDSX Version 3.5 with Firmware V568/3086 and higher: Override of Anti-Passback is a separate selection from the Master Access Level.
 - Large and busy Anti-Passback applications will benefit from having 3166 or higher firmware in the controllers. This version is much more efficient in keeping the controllers up to date with the current In and Out status of all card holders especially in very busy systems.

OVERRIDES

1. Anti-Passback Override feature enabled on the specific card.
2. Anti-Passback Forgive (Reset) command in Workstation that allows all Cards or a specific Card to be reset back to neutral.
3. "Forgive Anti-Passback Each Day" feature enabled under "Location/Yes-No Options" in which all Card Holders are reset to neutral each day at midnight.