

Valid Access Requires Door Open

(10.4.8 or later)
(635-series Only)

635-Panel logs an event indicating cardholder didn't open the door when access was granted.

2024 | SG 11.8.6

How to Use *Valid Access Requires Door to Open*

Information in this document is subject to change without notice.
Therefore, no claims are made as to the accuracy or completeness of this document.

The "Valid Access Requires Door Open" feature is introduced in SG v10.4.8 (July 2015*)

2nd edition

Copyright © 2018 ♦ Galaxy Control Systems ♦ All rights reserved

No part of this document may be reproduced, copied, adapted, or transmitted, in any form or by any means, electronic or mechanical, for any purpose, without the express written consent of Galaxy Control Systems. Copyright protection claims include all forms and matters of copyrighted material and information, including but not limited to, material generated from the software programs, which are displayed on the screen such as icons, look and feel, etc.

Trademarks

Microsoft®, Windows®, Windows NT®, MSDE® and SQL Server® are registered trademarks of Microsoft Corporation in the U.S. and other countries.

Adobe®, Acrobat® are registered trademarks of Adobe Systems Inc.

This PDF is created with Adobe v11 or later.

Graphics and illustrations by Candace Roberts, SQA & Technical Writer.

Galaxy Control Systems

3 North Main Street
Walkersville MD 21793
800.445.5560

www.galaxysys.com

Table of Contents

1. Introduction to “Open Before Valid Access” Feature	4
Requirements & Recommendations	4
HARDWARE REQUIREMENTS & READER ELIGIBILITY.....	4
REQUIREMENTS FOR SYSTEM REGISTRATION & SYSTEM SETTINGS.....	4
REQUIREMENTS & RECOMMENDATIONS FOR GCS SERVICES	4
SOFTWARE REQUIREMENTS	4
2. Configuring “Valid Access Requires Door Open” Feature	5
HOW TO CONFIGURE THE “VALID ACCESS REQUIRES DOOR OPEN” OPTION ...	5
HOW THE “VALID ACCESS REQUIRES DOOR OPEN” EVENT IS LOGGED ...	6
HOW “VALID ACCESS REQUIRES DOOR OPEN” LOGS IN SG REPORTS	7

Table of History - Document and Feature

Date	Version & Editions	Descriptions
JUL 2015	SG 10.4.8 1 st Edition	SG 10.4.8 adds the Valid Access Requires Door Open feature: Valid Access Requires Door Open – feature provides the ability to toggle a door’s lock state with a double card read at the reader.
Jan 2018	10.5.6	Updated cover, Title Page, TOC etc – for new release

1. Introduction to “Open Before Valid Access” Feature

System Galaxy v10.4.8 introduces the “Valid Access Requires Door Open” feature, supported by **635 hardware**. This feature supports *proof of attendance* by requiring the user to open the designated door before the valid access is logged. If the door is not opened, an event message is logged indicating the door was never opened.

Table 1: Scope of Function for feature:

Feature	Function	
Valid Access Requires Door Open Feature	<p>Requires the door to open before a valid access is logged.</p> <ul style="list-style-type: none"> » 635 CPU is required. » Reader must be wired to a DRM at the local panel, or a DRM in a remote Door Module panel. » Not supported with IP or Wireless Readers – including AD300/400 	<p>NEW IN SG 10.4.8 or later 635 CPU/DRM v10.4.8 flash</p>

Requirements & Recommendations

This section lists the requirements and recommendations for using the Double-Tap feature. Step-by-Step instructions are included in the following chapter.

HARDWARE REQUIREMENTS & READER ELIGIBILITY

1. Requires Flash v 10.4.8 or later and SG 10.4.8 software.
2. The feature is supported at 635-series controllers (635 CPU / Panel).
3. This feature works at readers that are hardwired to the DRM, including at the Remote 635-DRM in the Galaxy 485 Door Modules.
4. This feature does not work at IP Readers or Wireless Readers (including the AD300/AD400 models).

REQUIREMENTS FOR SYSTEM REGISTRATION & SYSTEM SETTINGS

5. There are currently no System Registration or System Settings requirements for this feature.

REQUIREMENTS & RECOMMENDATIONS FOR GCS SERVICES

6. The **core GCS Services must always be running** to support the system operation (Communication Service, Event Service, Gateway Service, DBWriter Service). However there are no extra services needed.

SOFTWARE REQUIREMENTS

7. The *Door Open before Valid Access checkbox option* must be enabled in the Reader Properties screen.

2. Configuring “Valid Access Requires Door Open” Feature

This Valid Access Requires Door Open feature works based on configuration of the reader/door properties, namely the enablement of the checkbox option in the Reader Properties screen.

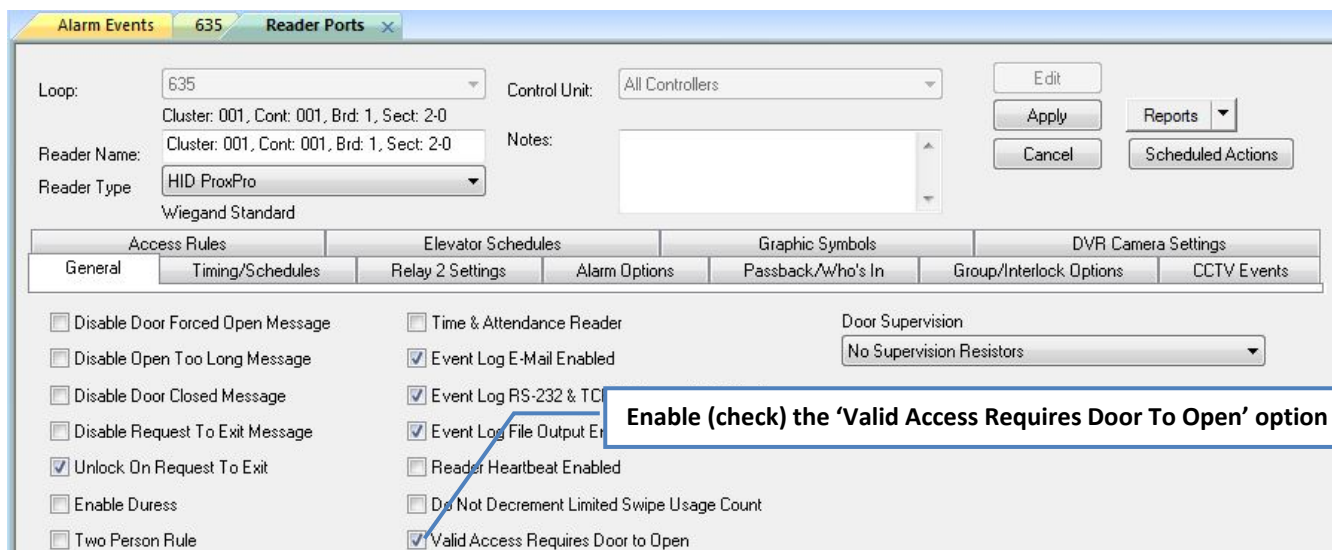
 See Chapter 8 & 9 in the Software SG User Guide for more about Hardware Programming.

HOW TO CONFIGURE THE “VALID ACCESS REQUIRES DOOR OPEN” OPTION ...

The Valid Access Requires Door to Open option will indicate when a cardholder does not open the door at the time they present their access card/credentials. *This feature discourages dishonest users from swiping their credentials and leaving without entering the building to report to work.*

When the option is enabled, the panel will log the message **Access Granted - Door Did Not Open** in the Event Screen in System Galaxy.

- ❖ Open the **Card Holder** screen from the menu { **Configure > Hardware > Doors/Readers** }
- 1. Select the Loop Name that the reader/door belongs to.
- 2. Select the Controller Name that the reader/door belongs to.
- 3. Select the Reader Name that is installed at the designated door.
- 4. Click the [Edit] button to edit the Reader.
- 5. Click the General tab.
- 6. (required) Place a checkmark in the ‘Valid Access Requires Door to Open’ option.
- 7. Click Apply to save your changes.
- 8. Load the panel using the GCS Loader (i.e. by right-clicking the Loop Name in the Hardware Tree).



The screenshot shows the 'Reader Ports' window in the Galaxy software. The 'Loop' is set to 635, and the 'Control Unit' is 'All Controllers'. The 'Reader Name' is 'Cluster: 001, Cont: 001, Brd: 1, Sect: 2-0'. The 'Reader Type' is 'HID ProxPro'. The 'General' tab is selected, and the 'Valid Access Requires Door to Open' checkbox is checked. A blue callout box points to this checkbox with the text: 'Enable (check) the ‘Valid Access Requires Door To Open’ option'.

HOW THE “VALID ACCESS REQUIRES DOOR OPEN” EVENT IS LOGGED ...

If the Door opens, the system will log one message ...

- the “Valid Access” message with cardholder name and card number (see green highlight)

If the Door does not open, the system will log one message ...

- the “Access Granted - Door Did Not Open” with cardholder name and card number

Alarm Events 635 X			
Date/Time	Device/Point	Event	User
7/23/2015 9:40:18 AM	Lobby Door	Access Granted - Door Did Not Open	Wallas Mark (Card 1)
7/23/2015 9:40:07 AM	Lobby Door	Valid Access	John Tipton (Card 1)
7/23/2015 9:39:18 AM	Lobby Door	Valid Access	Roberts Candace (Card 1)
7/23/2015 9:38:42 AM	Lobby Door	Access Granted - Door Did Not Open	Wallas Mark (Card 1)

Access Granted - Door Did Not Open event

Valid Access event when door is opened as expected

NOTE: The green and red highlighting is added for clarity – the messages do not really have highlighting.

HOW “VALID ACCESS REQUIRES DOOR OPEN” LOGS IN SG REPORTS ...

The SG Operator can pull the activity history of the Reader or of a specific cardholder to look for “Door Not Opened” messages.

If the Door opens, the system will log one message...

- the “Valid Access” message with cardholder name and card number

If the Door does not open, the system will log one message...

- the “Access Granted - Door Did Not Open” with cardholder name and card number

INDIVIDUAL CARD ACTIVITY HISTORY REPORT for the Cardholder (pulled from Cardholder Screen)

Card Activity History Report

7/23/2015 10:03:13AM

Date/Time	Reader Name	Name	Department	Event Type
7/21/2015 10:47:32AM	ENTRANCE (Office Mode Avail	Wallas, Mark (Card 1)		Valid Access
7/21/2015 3:37:28PM	ENTRANCE (Office Mode Avail	Wallas, Mark (Card 1)		Valid Access
7/22/2015 8:49:48AM	ENTRANCE (Office Mode Avail	Wallas, Mark (Card 1)		Valid Access
7/22/2015 9:26:03AM	ENTRANCE (Office Mode Avail	Wallas, Mark (Card 1)		Valid Access
7/23/2015 9:26:33AM	ENTRANCE (Office Mode Avail	Wallas, Mark (Card 1)		Valid Access
7/23/2015 9:28:56AM	Lobby Door	Wallas, Mark (Card 1)		Access Granted - Door Did Not Open
7/23/2015 9:29:32AM	Lobby Door	Wallas, Mark (Card 1)		Valid Access

READER ACTIVITY HISTORY REPORT for all Cards at the designated door (pulled from Reader Properties Screen)

Reader Activity History Report

7/23/2015 10:00:56AM

Date/Time	Reader Name	Name (Card Description) - Department	Event Type	Pin
7/22/2015 8:50:20AM	Lobby Door		Request To Exit	
7/23/2015 9:39:18AM	Lobby Door	Roberts, Candace (Card 1) -	Valid Access	
7/23/2015 9:40:18AM	Lobby Door	Wallas, Mark (Card 1) -	Door Forced Open	
7/23/2015 9:40:28AM	Lobby Door	Wallas, Mark (Card 1) -	Door Forced Open	
7/23/2015 9:40:39AM	Lobby Door	Wallas, Mark (Card 1) -	Valid Access	
			Access Granted - Door Did Not Open	
			Access Granted - Door Did Not Open	
			Valid Access	
			Access Granted - Door Did Not Open	