

XPressEntry / Velocity

Revision 03/15/2024

For use with the XPressEntry Mobile Access Control System

By



Important Notice

Your right to copy XPressEntry software and this manual is limited by copyright laws. Making copies, adaptations, or compilation works (except copies of XPressEntry software for archival purposes as an essential step in the utilization of the program in conjunction with the equipment), without prior written authorization of Telaeris, Inc., is prohibited by law and constitutes a punishable violation of the law.

This software and documentation are copyrighted by Telaeris, Inc. The software and documentation are licensed, not sold, and may be used or copied only in accordance with the Telaeris License Agreement accompanying the software.

© 2024 Telaeris, Inc.

All rights reserved worldwide.

Information in this document is subject to change without notice.

No part of this publication may be reproduced, stored in a retrieval system, or transmitted, in any form or by any means, electronic, mechanical, photocopying, recording, scanning, digitizing, or otherwise, without the prior written consent of Telaeris, Inc.

Trademark Acknowledgements

XPressEntry is a trademark of Telaeris, Inc.

The various company and product names used in this document may be trademarks or registered trademarks and are hereby acknowledged.

Telaeris, Inc. 4101 Randolph Street San Diego, California 92103 United States of America

(858) 627-9700

www.telaeris.com

Contents

Purpose	4
Pre-requisites/Requirements	4
Setting Up Velocity to Synchronize with XPressEntry	4
Order of Operations	4
Setup Velocity Data and Settings Enable XPressEntry Synchronization	4
Install XPressEntry	4
Initial Configuration	5
Applying the Velocity SDK	5
Adding the Integrated Event	5
Enable Synchronization in XPressEntry	5
General Tab	6
Reader Profile Tab	6
Data Manager Tab	6
Sync Timers	7
Sync Options	8
Velocity Data Manager Setup Page	8
XPressEntry Data	9
Users	9
User Permissions	10
Doors	11
Entry/Exit Doors	11
Doors for Emergency Mustering	11
Activities	12
Velocity Sync Check	12

Purpose

This document is intended to instruct users on how to synchronize an XPressEntry system with a Velocity system. XPressEntry has the capability of providing access control management from a handheld device. For XPressEntry setup information, see the document, "XPressEntry Installation and Upgrade" found at https://telaeris.com/documentation.

Pre-requisites/Requirements

- 1. Hirsch Velocity (up to version 3.8.4)
- 2. XPressEntry 3.4+
- 3. Velocity SDK license file

Setting Up Velocity to Synchronize with XPressEntry

It is assumed that **Hirsch Velocity** and **XPressEntry** are each installed on computers or virtual machines that can talk to each other or on the same computer or virtual machine. For installation of XPressEntry, you should have Administrator privileges on the machine that it is installed on. You should additionally be an Administrator or super user in the Velocity system.

Order of Operations

- 1. Setup Velocity Data and Settings
- 2. Enable XPressEntry Synchronization
- 3. Set up XPressEntry Data

Note: Telaeris supports government credentials and pass-through card types, and some matchcodes. Please contact Telaeris Sales for more information on which matchcodes we support.

Setup Velocity Data and Settings Enable XPressEntry Synchronization

Install XPressEntry

The first thing to do is install the XPressEntry software. Please contact your XPressEntry Dealer to locate the XPressEntry installer file. It is assumed that **Hirsch Velocity** is installed on a server.

- Before opening XPressEntry, navigate to the Services console in Windows.
- Right-click the XPressEntryService and select Properties.
- Under the Log On tab, enter the account information for the service account that has read/write SQLServer.

a



permissions in the **Velocity** database.

SQLServer Permissions can be configured in SQLServer Management Studio.

4. Once this account information has been filled, select **OK** and exit out of the services console.

Initial Configuration

Once XPressEntry has been installed, open the software as an **administrator**. XPressEntry will take you through an initial setup. Enter a company name and add an initial system admin. By default, the system admin's username and password is admin, admin.

Applying the Velocity SDK

The Velocity SDK license file can only be provided by your Velocity Dealer. If you do not have the Velocity SDK License, please contact your Velocity Dealer.

- 1. To license the Velocity SDK, rename the file *sdklicense.txt*.
- 2. Next, move the license file to the XPressEntry Installation Directory, located by default in **c:\Program Files (x86)\Telaeris\XPressEntry**\.

Adding the Integrated Event

XPressEntry sends Integrated Events to Velocity for Access Granted and Access Denied activities.

- 1. The Access Denied event id is already built into the Velocity database (Event ID 10031).
- 2. Access Granted needs to be added.
 - a. To add, run **InsertIntegratedEvent.sql** on the Velocity Database which is provided by Telaeris.

Enable Synchronization in XPressEntry

XPressEntry uses a module called **Data Manager** to synchronize all data with Velocity. From the main page of XPressEntry, go to XPressEntry > Settings (**ALT+S or Tools > Settings**).



General Tab

- 1. From the Settings page, select the **Logging** Page.
- Set the Log level to Debug or SQL – this will allow you to view log entries during the sync process.
 - a. Max log size 5000 or higher
 - b. Max log age 1 Day or higher
- Once the integration is complete, set the log level to Critical so only error messages will be tracked.

File Database SOI Import/Expo	art				
	Logging				
General	Handheld	INFO	~		
Add / Edit Display					
Badges	Data Manager	DEBUG	~ ~		
User Defined Fields			3		
Muster Settings	RFID	INFO	~		
Question Setup					
Logging Client Settings	Desktop	INFO	~		
Wiegand Format Data					
Server	Service	INFO	Ý		
Service Settings					
Database	Max Log Size	10000 🗘			
Software Event Viewer					
Reader Profiles	Max Log Age (days)	59			
Handheld Functionality	Purde Time (mins)	240			
Reader Validations					
Badge Settings		Purge Now			
Custom Display					
Validation Colors	Include Data Manager GLIII	Din Log			
Doors Trend Settings	Include Data Manager Gon	Diritog			
Alert Settings					
Email Settings					
Twilio Alerts					

Reader Profile Tab

The Reader Profile Tab is where you configure the handhelds. Make sure the **Readers** is the only mode that is checked under **Reader Validations**. In some cases, **Door Readers** should be selected. See the Doors section of this document for more information on which validation method to choose. Select **Save** at the bottom right when finished.

XPressEntry Settings	—	×
File Database SQL Import/Export		
٩ 🗌	Profiles	
General	Default Selected: Default	
Add / Edit Display		
Badges	New Clone Del	ete
KHD Lleer Defined Fielde	Validations	
Muster Settings	Zones 🔲 Holidays 📄 Enable Anti-Passback 📄 Enable Soft Anti-Passback	
Question Setup	🗹 Readers 📃 Door Readers 🔄 Ignore Anti-Passback On Exit 🔲 Scanned Badge Must Match User's Facility Code	
Logging Client Settings	Timezones Warnings readers	
Wiegand Format Data	Events	
Server	Specific Facility Codes	
Database		
Data Manager		
VELOCITY		
Software Event Viewer		
Handheld Functionality	Random Challenge 0	
Reader Validations		
Passwords Radao Sattiana	Next Check Date	
Custom Display	Badge Activation/Expiration Date User Start/End Date	
Validation Colors		_
Doors Trand Cattions	Validating:	
Musters	Users Group has Access to Readers.	
Biometric Settings		
 Alert Settings 		
Email Settings Twilio Alerts		
Copy Resx File		
	Save Car	ncel

Data Manager Tab

From the Settings page select the Data Manager Tab.

- 1. Type This is the integration type. Select VELOCITY > Add > Save.
- 2. Go to **Data Manager > VELOCITY** in sidebar menu.
- 3. Setup Data Manager This sends you to the setup form for Velocity's data manager.

🛃 XPressEntry Settings		– 🗆 X
File Database SQL Import/Export		
General		Add Remove
Badges RFID User Defined Fields	Name VELOCITY	Prefix
Muster Settings Question Setup Logging Cilient Settings Wiegand Format Data Service Settings Database Data Manager Software Event Viewer Reader Profiles Handhelf Functionality Reader Validations Passwords Badge Settings Custom Display Validation Colors Doors Trend Settings Musters Reader Questionnaires Email Settings Twilio Alerts	VELOCITY - Prefix(VELOCITY)	
		Sanity Check Data
		Save Cancel

Sync Timers

XPressEntry uses Timers to pull Velocity Data into XPressEntry.

	—🔎 🗹 Enable Data Manager Type:	VELOCITY		Setup Data Manager
General Add / Edit Display Badges	Sync Timers Sync Options			
RFID User Defined Fields Muster Settings	Di	sable Concurrent Syncs		Send XPressEntry Activities Not
Question Setup Logging Client Settings	Download Activity Frequency	Set	Clear	Download Activity Now
Wiegand Format Data Server Service Settings	Occupancy Sync Frequency	Set	Clear	Occupancy Sync Now
Database Data Manager	Partial Sync Update Frequency	Set	Clear	Partial Sync Now
Software Event Viewer Reader Profiles	Full Sync Update Frequency	Set	Clear	Full Sync Now
Handheld Functionality Reader Validations Passwords Badge Settings	Custom Sync Update Frequency	Set	Clear	Custom Sync Now
Custom Display Validation Colors Doors				
Trend Settings Musters Reader Questionnaires	Data Manager Live Log View Paus	e Mirror Log To:		Browse
lert Settings Email Settings Twilio Alerts				

- 1. **Download Activity Frequency** Pulls reader scan records into XPressEntry and stores them in XPressEntry's activity table. This function also updates the zone occupancy.
- 2. Occupancy Sync Frequency Updates the zone occupancy without storing the activity records.
- 3. **Partial Sync Frequency** Pulls all data excluding cardholder data, including readers, areas, access levels.
- 4. Full Sync Update Frequency Updates all tables by pulling all necessary records from Velocity.

This function may take some time.

- a. It is recommended to run a full sync **once per day** in the middle of the night when the system is not busy.
- 5. **Custom Sync Frequency** Updates a set of tables that the user configures.
 - a. To configure, right click Custom Sync Now and select Edit Custom Sync.

	Custom Table Sync				1	
	Add Table					Done
	Table USERS	✓ ✓ Partial?	🔇 Table E	BADGES	✓ ✓ Partial?	CO L3
	Table GROUPS_USERS	∨ ∨ Partial?	0			
Sync Options						_
	XPressEntry Settings File Database SQL Import/Export				-	
		Enable Data Manager	Type: VELOCIT	Y	Setup Data	Manager
	General Add / Edit Display Badges	Sync Timers Sync Optio	ins		Setup Data	Manager
	RFID User Defined Fields Muster Settings Question Settin	Pull DataManager Occupancy Default Outside Zone		Event Processing Retry Court > Default Role	it 3	•
	Logging Client Settings	Pull Data Manager Activities in	nto XPressEntry	DMPrefix		
	Wiegand Format Data	Push XPressEntry Activities to	Data Manager	Muster Scanned Users	ever	~
	Service Settings Database	Send Activities Retry Count	3			
	DISABLED - VELOCITY	Enable Message Queue	enta			
	Reader Profiles Handbeld Functionality	Message Queue Name .\Priva	ate\$\DataManagerEvent	E		
	Reader Validations Passwords Badge Settings	Event Processing Loop Limit	10	ŧ.		
	Validation Colors Doors Toord Sottings	Clear Data Manage	er Settings	Clear External Dat	ta	
	Alert Settings Email Settings Twilio Alerts	Data Manager Live Log View	Pause Mirror L	.og To:		3rowse
					Save	Cancel

- 1. **Pull Data Manager Occupancy** Enables use of the Occupancy Sync.
- 2. **Push XPressEntry Activities to Data Manager** Enables XPressEntry to push Scan data to Velocity.
- 3. Send Activities Retry Count Number of times XPressEntry will attempt to resend an activity if it fails.
- 4. **Default Role** The default XPressEntry Role that will be assigned to users if the integration does not otherwise assign a role. Entrants are recommended but not required.
- 5. **Muster Scanned Users** Enables sync to convert scans from specific readers to be converted into Muster Scans which mark users as safe. Muster readers must be configured in the reader data. Please see *Mustering Documentation* for more details.
- 6. Setup DataManager Button Opens Velocity specific settings.
- 7. Clear DataManager Settings Resets all settings on the two above tabs, as well as the Velocity specific settings.
- 8. Clear External Data Deletes all data synced from Velocity from the XPressEntry Database.

Velocity Data Manager Setup Page

1. Press the Setup Data Manager button to get the Velocity specific setup screen.

2. Enter the following:

- a. SQLServer instance name
- b. Database name
- c. Password for the Velocity User's role, as defined at the time of installation of your Velocity System.
 - i. If you do not know your password, please talk to your Velocity Dealer for information on this password.
- 3. To confirm your settings are correct, select Connect. You should get *Successfully connected to Velocity Data Manager.*
- 4. Click on Save and Close.

XPressEntry Data

After setting up the data manager, run the initial **Full Sync** to pull data from Velocity. Once the Velocity System is set up and synchronizing, you will see this data represented in XPressEntry under the **Add/Edit Info** tab.

Data which is imported from Velocity cannot be changed and is greyed out in XPressEntry without proper permissions.

Users

Here is a sample of a properly synchronized user:

🛃 XPressEntry - 3.5.6564 - Telaeris (Logged In User: Adm	inistrator, Com	pany)				- 🗆	×
🔨 <u>F</u> ile 🎢 Tools 🐼 View 🔌 Logout	Entry/Exi	t 🕅 Muster				?	<u>H</u> elp
Entry/Exit Muster Events Activity History Messages Add/Edit	Info Logs						
Eitter	🍇 Users 🚊 C	ompanies 👋 Grou	ps 🕍 Zones 📃 D	oors 🗌 Readers 🐁	Roles 🔞 Timezones 🖳	Muster Sites	
	User Permis	sions Contact Info	UDFs/Misc				
Administrator, Company	F 111						
Atkinson, Garland	First Name	Last N	ame	МІ	Photo FP		
Ayers, Tami	Bill	Johns	on				
Baker, Rico					and the second s		
Bright Tilly	Company			/			
Campos Silas	Emp ID			Visitor			
Clav Billie	Linpito			Visitor	1961		
David, Leola	Zone	Outside		Host	1000		
Frazier, Emma							
Glenn, Malik		Zone Entry: 12/13	12:04:33 PM				
Howell, Jodi		Last Reader:					
Huang, Melissa							
Johnson, Bill							
Kemp, Alfie							
Kemp, Genaro	Dala	Entrant					
Luna Posanne	Role	Chudh	`	·	Change Crop D	elete	
Lynch Esther							
Mcgee, Adan	Start Date	9/29/2023					
Merritt, Theo	End Date						
Mora, Juliana	End Date						
Pineda, Leopoldo							
Robles, Deann							
Rojas, Everly							
Rosales, Mary							
Sanders, Enn	Padaoc						
Smith Jane	(0)	Add Badge	O Delete Bado	je 💿 View History	Print Badge		
Smith John	(0)		•	··			
Spears, Zachery	Badge	Ac	tivated Date	Expired Date	Invalid	Badge Type	
Stanley, Kade	▶ 826621	30 10/	4/2023				\sim
Stevenson, Layla							
Swanson, Robbie							
Thornton, Safa	-						
Villa, Dominik							
Villarreal, Herb							
Time to Read 42 Records: 0.60 seconds	Add New	Delete	Save	Cancel			
Activity Occupancy Partial Full Total Occupancy: 1	8 Inside 2 Zone	s	0 Unread Mess	ages	Service Run	ning Locally	

Velocity Data Manager			-		×	
SQL Server Inst	ance 192.168.200.10					
Database N	lame Velocity					
Passv	word **********					
	Connect					
Result						
Successfully connected to Velocity DataManager						
Enable Logging	Trim leading	0s on	Badg	e Numl	ber	
Log Path c:\prog	ramdata\telaeris\xpressentry		Br	owse		
Use Windows Auth On Data Adapter						
Save and Close						

All External Records (From Velocity) will display in red as an **External Record** at the top of the form. This label will not display for any records that were created from within XPressEntry.

XPressEntry will pull the user's **image** and **badge number** from Velocity. The badge number can be seen at the bottom of the screen.

User Permissions

Users in XPressEntry have the **same permissions** to each reader as they do in Velocity. As part of the data import, XPressEntry pulls all **Groups** and **Users** who are in each group. You can see the list of groups each user has access to under the **Permissions** tab.

File: Image: Company: Adverted into: <td< th=""><th>/Exit Muster Events Activity History Me</th><th>ssages Add/Edit Info Logs</th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th></td<>	/Exit Muster Events Activity History Me	ssages Add/Edit Info Logs								
dimensituality, Company dimensituality, Compa	er:		🍇 Users 🚊 Com	ipanies 👋 (Groups 🕍 Zo	nes 📕 Doors	Reade	iders 👌 Roles 🔞 Time	azones 🚇 Muster Sites	
Access Groups Ans. Tail Samo. Catations Samo. Catation			User Permission	ns Contact I	Info UDFs/M	sc				
kiron, Chainand Add User to Group Add User to Timezone Add User	ministrator, Company		Access Groups							
Bin Bin Bin Bin Bin Bin Allow User to Zone Bin Bin<	inson, Garland		Access Circups				0		Add User to Group	
His had had by the proof of the	ers, Tami		Group B							
pher Tay 'ny' pher T	niamin Codu		Bus Access							`
Man Tagang Angele And And And Angele	njamin, Couy									
<pre>whome wide Loop code, Emma main Makk well, dol ang, Melska main Make main Make well, dol ang, Melska main Make main Make main Make main Make main Make Make Make Make Make Make Make Make</pre>	more Silae								Allow User to Zone	
Allow User to Timezone Dired Zone Name Dired Zone Permissions Dired Zone Permissions Dired Zone Name Allow User to Timezone Allow User to Timezone </td <td>v Billie</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>	v Billie									
zzer, Emma ang Meksa ang M	vid Leola									
Inn Malk well, dd ang, Melsa mighted Saarane ng, Oenson nhon, Donald L. ha, Rosanne dd, Lapoddo beb, Dearn dd, Lapoddo beb, Dearn na, Jahana dd, Jahana dd	zier, Emma								Allow User to Timezone	
weel, Jodd targon, Melsa men, Alle men, Alle men, Rosarne nch, Esther gage, Adan mitt, Theo Stat, Star Mano Mels, Enn weer, Gunn mit, Jane news, Zachny nano seas, Zachny salas, May Hu, Sanda Sanda Mano Mels, Sanda Sanda Mels, Sanda Mels, Sanda Mel	nn, Malik		Direct Zone Perr	nissions			0		1000 0001 10 100020110	
Jane Messa mp Alle mp Alle shorn Dona't L na, Roanne sch, Esther gen, Adan ser, Taoba sola, Kary ser, Taoba sola, May ser, Taoba sola, May sola, May so	well, Jodi									~
noon, Ba mp, Allee sp, Adam sh Gosame ch, Esher ge, Adam da, Loppdon da, Loppdon sales, Mary tes, Een yee, Quinn th, Jane sales, Ray wee, Quinn th, Jane sales, Ray wee, Quinn th, Jane sales, Ray th, Jane sales, Ray th, Sale th, Sale sales, Ray th, Sale th, Sale sales, Nary the Sale sales, Nary th, Sale sales, Nar	ang, Melissa		Zone Name							
mp. Alle mp. Gamba di La sa. Rozanne ski, Esther gee, Adan tit. Taeon obit, Leonotho bes, Dearn bes, Dearn sase, Mary tabes, Cirina sase, Mary tabes, Cirina sase, Mary tabes, Cirina sase, Mary tabes, Cirina sase, Adary tabes, Cirina sase, Jachery sase, Zachery sase, Zac	inson, Bill									
ng, Johnson Laboration State S	np, Alfie									
Allowed Times Or Start EndTime Mon Tue Wed Start EndTime Mon Tue Wed Times Tim	np, Genaro									
ch Esher spe Adan rift Theo spe Adan rift Aso spe Adan rift Aso spe Adan rift Aso spe Adan rift Aso spe Adan rift Aso spe Adan Alowed Times	nnen, Donaid L.									
pan, Adam mit, Theo ray, Julana is add, Jacopdo bles, Denan bles,	ich Esther									
Atowad Timas wedy, Lopoldo biob, Dearn mds, Eoropho biob, Dearn mds, Strong mds, Strong mds, Strong strong mano, Robbe ortino, Stata and Hei op, Jendi Mis Saunda N Mis Saunda N Mis Saunda N	nee. Adan									
ra, Julana deb, Loopdo beb, Stearn beb, St	mitt, Theo		Allowed Times				0			
dad, Lapodoko Boko Dokanin Jas, Exotij Mareko Terratorio Skat EndTime Mon Tue Wed Name Mareko Hono Mareko Hono Skat EndTime Mon Tue Wed Name Mon Tue Wed Name Mon Tue Wed Name Mon Tue Wed Name Name Name Mon Tue Wed Name Name Name Name Name Name Name Name	ra, Juliana									
bis, Deam sisker, Kary saker,	eda, Leopoldo		Timezone	Start	EndTime	Mon Tuo	Mod			
ps, Exhy ska, Mary ska, Mark ska, Mark s	bles, Deann		Name	Start	Channe	Mon Tue	Wou			
sake, May des, Ein des,	as, Everly									
tides, Eini m, Jano m, Jano m, Jano mar, Zazheny reky, Kada verson, Layla asron, Robbie mon, Safa a, Domnik aracu, Horb cont, Lya e, Jeff the Saudra m, Jone the Saudra m, Jone Delute D Comp D Comp D m, Jone	sales, Mary							10 - L - L - L		
Mer Luain Mit John Dara, Zachey Merison, Robbe menor, Stafa Domain Sonorit Domain Merison, Robbe methor, Stafa Domain Computed Domain Merison, Robbe methor, Stafa Domain Merison, Robbe Merison, Robbe Meri	nders, Enn									
th, John san, Zazhany rake, Kada rake, Zazhany rake, Kada rakes, Laya rake, Kada rakes, Harb sanda, Harb sand,	wyer, Quinn									
Sand Zazhany Merik Kada wersson, Layla sanson, Robbe mithon, Stafa D. Dominik ornel, Uya Sont Uya Sont Vana B, John B, Sandra ng, Joe	ith John									
ring Kada erron. Layla sinson, Robbie misnon, Robbie mino, Sata Domnik rock, Herb Sand Laya Son, Yolanda N Iso, John Rg, Joe	ars Zachen/									
version Loya anson, Robbe entron, State D. Domak entron, State D. Domak entron, State Entropy State Ent	nlev. Kade									
Inson, Robbie Infon, Safa Domnik Incert Herb Saft Lyra e, Jeff Ing. Joe Ing. Joe Deland N Ing. Joe Deland D Deland D Deland D Deland D Deland D Deland D Deland D Deland D Deland D D D D D D D D D D D D D D	venson. Lavla									
Indo, Safa Domik Artod, Hoth Sanda Son, Violanda N (b, Sandra ŋ, Joo	anson, Robbie									
Domaik road, Herb And, Lyra e, Jeff g, Sandra g, Joe	mton, Safa									
e, Jeff e, Jeff le, Sanda le, Sanda	, Dominik									
ent Lyra , staff g, Joe Add Name De Lyra De	rreal, Herb									
e, ver son, Yolanda N te, Saunda ng, Joe	sent, Lyra									
ng, See	re, Jell									
	tson, rolanda N.									
	na loo									
Add New Delete Owner										
Add New Delete Save Cancel			Add New	Dele	te	Save	Can	ncel		

In XPressEntry, you need to apply each handheld to the necessary reader group they will be used in.

- a. Navigate to the **Groups** tab in XPressEntry via **Add/Edit Info > Groups**.
- b. Select one of the groups that was created within the Velocity system.
- c. Identify the Handhelds (**Readers**) that should be added to this group.
- d. Select the > button to add these handhelds to the group.

Al Access Al Readers Building 1 Building 1 Building 1 DG Door1 No Assess	Name All Readers
NO ALCESS	Readers Selected [2ADoor2 07 3ADoor1 07 [3ADoor1 02 3ADoor1 01 [3ADoor1 04 3ADoor1 01 [3ADoor1 06 3ADoor1 01 [3ADoor1 07 1000000000000000000000000000000000000

Activity Occupancy Partial Full | Occupancy | 0 Unread Messages | Service Running Locally ...:

Doors

Doors serve 2 purposes in the XPressEntry System.

- 1. Handhelds are mapped to doors when in Entry/Exit Mode.
- 2. Doors are used to map badge scans that occur within the Velocity system to **Zones** within XPressEntry.

Entry/Exit Doors

When a handheld is used for **Entry or Exit** scanning, the handheld is assigned to a door. If the **Readers** validation method is enabled, the door has no effect on whether a user has access.

If the **Door Readers** validation method is selected, the access determination is made by the associated **External Entry Reader** and **External Exit Reader** fields that are tied to the door.

If the handhelds are being used to **replace a downed turnstile** that exists in the Velocity system, use the **Door Readers** validation method.

If the handhelds are **not** being used to **replace any existing hardware** in the Velocity system, use the **Readers** validation method.

File I Tools 🐼 View 👞 Logout	Entry/Exit Wuster	Help
Entry/Exit Muster Activity History Messages Add/Edit Info Server Activ	y .	
Filter:	Users Companies Groups Zones Doors Readers Roles Timezones Muster Sites Door Name	
	Main Gate Start Zone	
	Outside V End Zone	
	Building Door RFID Tag #	
	External Entry Reader Main Gate Entry X	
	Esternal Exit Reader	
Time to Read 1 Records: 0.01 seconds	Add New Delete Save Cancel	
Activity Occupancy Partial Full I Total Occupancy: 3 Inside	1 Zone I 0 Unread Messages I	Service Running Locally

Doors for Emergency Mustering

When the XPressEntry system is used for **emergency mustering**, doors need to be created for **each** Entry/Exit reader within Velocity that trigger a change in **occupancy**. XPressEntry will monitor all scans from Velocity readers that have a **mapped door** and move the person who scanned into the appropriate **zone**. For example...

- 1. A site has a Velocity badge reader on the outside of a lobby entrance that allows employees to scan into the building.
 - a. A door is created in XPressEntry. The door's start zone is **Outside** and **End Zone** is **Building**. The door's **External Entry Reader** is the badge reader.

- 2. An employee scans at that card reader and enters the lobby.
 - a. XPressEntry is notified of the scan and checks which door the Lobby reader is assigned to. Since the Lobby reader is the External Entry Reader, the Employee is moved from Zone 1 (Outside) to Zone 2 (Building) and now needs to be accounted for during an evacuation.
- 3. If there was a card reader to get out of the building, it could be used as the **External Exit Reader**. When the same employee scans at the **External Exit Reader**, they are moved from **Zone 2 (Building)** to **Zone 1 (Outside)**, and they no longer need to be accounted for during an evacuation.

Activities

XPressEntry will synchronize activities to Velocity if that option has been set by the Data Manager. Entry/Exit activities will be sent to Velocity and display the results in the Transaction logs.

If XPressEntry is configured to **push** activities, the following event is sent to Velocity:

- 1. Access Granted/Access Denied: External XPressEntry Handheld %%1 %%2 %%3 %%4
- 2. Event Fields:
 - a. Integrated Event ID
 - i. Access Granted 54003
 - **ii.** Access Denied 10031
 - iii. Address Name of Handheld
 - iv. %%1 = Person Name
 - **v. %%2** = Entry/Exit
 - **vi. %%3** = Timestamp
 - **vii. %%4** = Allow/Deny Reason

Velocity Sync Check

The purpose of this section is to help the operator understand exactly what data XPressEntry is pulling. The mapping of each table pulled from XPressEntry is shown below.

- 1. Velocity \rightarrow XPressEntry
- 2. Door Readers \rightarrow Readers
- 3. Door Groups \rightarrow Groups
- 4. Door Group Doors \rightarrow Groups Readers
- 5. Person \rightarrow User
- 6. Picture \rightarrow Picture
- 7. Credentials \rightarrow Badges
- 8. TimeZones \rightarrow TimeZones
- 9. Access Function \rightarrow Groups Users