

Brivo OnAir® Integration Documentation

Bу



Revision 04/30/2025

Legal Notice

Your right to copy XPressEntry software and this documentation is limited by copyright laws. Unauthorized reproduction, adaptation, or creation of derivative works, except for making backup copies essential for system operation, is strictly prohibited without written consent from Telaeris, Inc.

This software and documentation are licensed, not sold, and are subject to the terms of the Telaeris License Agreement.

© 2025 Telaeris, Inc. All rights reserved worldwide. Information in this document is subject to change without notice.

Trademarks: XPressEntry is a trademark of Telaeris, Inc. Other names may be trademarks of their respective owners.

Telaeris, Inc. 4101 Randolph Street San Diego, California 92103 United States of America +1 858-627-9700 www.telaeris.com

Contents

Purpose	
Pre-requisites/Requirements	4
Limitations	4
Order of Operations	4
Set up Brivo OnAir® Data and Settings	4
Locating Required Information from Brivo OnAir®	4
Integrating Brivo OnAir® with XPressEntry	6
Enable XPressEntry Synchronization	7
Data Manager Tab	
Reader Profile Tab	9
Sync Timers	
Sync Options	
Brivo OnAir® Data Manager Setup Page	
Set up XPressEntry Data	
XPressEntry Data	
Sync Check	
Doors	14
Readers	
Users	16
User Permissions	17
Groups	
Configuring XPressEntry Using Brivo OnAir® Data	
Doors	
Readers	

Purpose

This document is intended to instruct users on how to synchronize an XPressEntry system with a Brivo OnAir® 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. XPressEntry 3.6.6974+
- 2. Verified with Brivo OnAir® version 20250417
- 3. Windows 10+ or server equivalent

Limitations

- API does not allow pushing badge scan events from XPressEntry to Brivo OnAir[®] as a normal event
- 2. API does not allow live data changes (such as user, card, or group updates) to sync to XPressEntry.

Order of Operations

- 1. Set up Brivo OnAir® Data and Settings
- 2. Enable XPressEntry Synchronization
- 3. Set up XPressEntry Data

Set up Brivo OnAir® Data and Settings

It is assumed that Brivo OnAir[®] is available to the XPressEntry server. XPressEntry has been tested and verified with Brivo OnAir[®] version 20250417. Please contact Telaeris to confirm compatibility with integrations into newer versions of Brivo OnAir[®].

Locating Required Information from Brivo OnAir®

1. Go to https://access.brivo.com/.

	Chruvo		
	Email		
	you@example.com		
	Password		
the second s	Your password		
	Log In		
	Do you have an EU account?		
	Copyright 2001-2025 Brivo Inc. All Rights Res	served	
	Privacy and Security Terms of Use Release Notes	s Contact Us	

2. Click the profile picture for your account in the bottom left corner and write down the Admin ID that appears. This will be used for a later step.

Telaeris Support support@telaeris.com Admin ID: telaeris_support ①					
🔅 Light 🕓 Dark					
Change Password					
Logout © 2001 - 2025, Brivo Inc. Version 20250428					

- 3. Open a new tab and go to <u>https://developer.brivo.com/login</u>.
- 4. Enter your developer API Management ID (not an email address) and password and click Log In.

Sign In

Sign in to Brivo API Platform using an API Management ID

Username	
1	
Password	
SIGN IN	Recover password or username Privacy Policy

- 5. Now, navigate to <u>https://developer.brivo.com/apps/mykeys</u>.
- 6. Write down the developer API key displayed on the page.



Integrating Brivo OnAir® with XPressEntry

1. In XPressEntry settings, go to Data Manager > Brivo, and then select Setup Data Manager.

🛃 XPressEntry Settings				>	🛃 Brivo Data Manager Setup —	×
File Database SQL Import/Export					Setup Data	
<u>م</u>	Enable Data Manager Type: BRIVO			Setup Data Manager	API Key MYDEVELOPERKEY	
General	Sunc Timers Suno Ontions				Admin Usemame telaeris_support	
Badges	Sync Timers Sync Options				Admin Password Show	
RFID Liner Defined Fields	Disable Conce	rrent		Send XPressEntry Activities Now	App Client ID MYAPPCLIENTID	
Muster Settings	- Syncs				App Client Secret	
Question Setup Logging	Download Activity Frequency	Set	Clear	Download Activity Now	Site IDs	
Client Settings Wiegand Format Data	Occupancy Sync Frequency	Set	Clear	Occupancy Sync Now	Teleoris Office Fill Stes	
Service Settings Database	Partial Sync Update Frequency	Set	Clear	Partial Sync Now		
Data Manager BRIVO	Full Sync Update Frequency	Set	Clear	Full Sync Now	# Hours of Access Events 0 \$	
Reader Profiles Handheld Functionality	Custom Sync Update Frequency	Set	Clear	Custom Sync Now	Enable Event Server Subscription Port 443 Create Local Event Server Server	
Reader Validations					Event Server Name XPressEntry Create Brive Event	
Badge Settings Custom Display	Data Manager Live Log View Pause Mirro	r Log To:		Browse	Event Server Route //brivo_events Subscriptions	
Validation Colors Doors Trend Settings					Event Server Linor Ends Remove Event Test Connect Test Refresh Defaults OK	

- 2. For "API Key", enter the API key from Step 8.
- 3. For "Admin Username", enter the "Admin ID" from step 4.
- 4. For "Admin Password", enter the Brivo Access password in Step 3.

- 5. Note: App Client ID and App Client Secret are provided when the application is created in Brivo ACS. Since Brivo ACS was replaced with Brivo Access, Brivo has not created a new method to get these items, but if the previous values from Brivo ACS are known, then they will continue to work.
- 6. Click the "Save Changes" button in Brivo OnAir® Data Manager Setup in XPressEntry to confirm the credentials and perform a sync if needed.

Enable XPressEntry Synchronization

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



Data Manager Tab

ile Database SQL Import/Export			- 🗆	
۵٫	~	Add	Remove	
General Add / Edit Display Badges RFID User Defined Fields Muster Settings Question Setup Logging Client Settings Wiegand Format Data Server Service Settings DataManager BRIVO Software Event Viewer Reader Phrofiles Handheld Functionality Reader Phrofiles Handheld Functionality Reader Settings Custom Display Validation Colors Doors Trend Settings Panic Alert Settings Panic Alert Settings Octors Trend Settings Panic Alert Settings Octors Trend Settings Octors Panic Alert Settings		Add	Remove	

From the Settings page select the Data Manager Tab.

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

Reader Profile Tab

0	Profiles
[/~	Default Selected: Default
Add / Edit Display Badges	New Clone Delet
RFID User Defined Fields Muster Settings Question Setun	Validations Validations
Logging Client Settings Wiegand Format Data	✓ Timezones _ Warnings Events
Server Service Settings Database Data Massocr	Specific Facility Codes Fingerprints Required Next Check Date
Data Manager BRIVO Software Event Viewer Reader Profiles Handhel Functionality Reader Validations Passwords Badge Settings Custom Display Validation Colors Doors Trend Settings Biometric Settings Biometric Settings Email Settings Truits/ Bioten	Ins Required PIN Required Use Door Reader Setting Badge Activation/Expiration Date Check Time User Start/End Date Check Time Group User Activation/Expiration Date Check Time
	Random Challenge
	Validating: User has access at appropriate times. User Group has Access to Reader Group that is Attached to Door.

- 1. Go to Reader Profiles > Reader Validations. This is where you configure the handhelds.
- 2. Ensure that Door Readers and Time zones are the only mode checked under Validations.
- 3. Select Save at the bottom right when finished

Sync Timers

XPressEntry uses timers to pull Brivo OnAir® data into XPressEntry.

XPressEntry Settings					- 🗆 X
File Database SQL Import/Export					
٩ [🗹 Enable Data Manager	Type: BRIVO			Setup Data Manager
General Add / Edit Display Bardnes	Sync Timers Sync Optio	ns			
RFID User Defined Fields Muster Settings		Disable Concurrent Syncs			Send XPressEntry Activities Now
Question Setup Logging	Download Activity Frequency		Set	Clear	Download Activity Now
Client Settings Wiegand Format Data ⊡ Server	Occupancy Sync Frequency		Set	Clear	Occupancy Sync Now
Service Settings Database	Partial Sync Update Frequency		Set	Clear	Partial Sync Now
Data Manager BRIVO Software Event Viewer	Full Sync Update Frequency		Set	Clear	Full Sync Now
Reader Profiles Handheld Functionality Reader Validations Passwords Badge Settings Custom Display Validation Colore					
Doors Trend Settings	Data Manager Live Log View	Pause Mirror Log To:			Browse
Panic Alert Settings ⊡ Alert Settings Email Settings Twilio Alerts					
					Save Cancel

- 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 Brivo OnAir[®]. 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.

Sync Options

	-1				
File Database SQL Import/Export General Add / Edit Dipley Add / Edit Dipley Bodges RHD Server General Pull DataManager Occupancy Event Processing Reity Count Usation Setup Default Outside Zone Default Outside Zone Viegand Format Data Pull DataManager Activities into XPressEntry Default User Profile Weigand Format Data Cherest Extrage Server Server Server Send Live Activities to Data Manager Server Server Send Live Activities to Data Manager BRNO Settings Database Data Manager Bedge Activity Delete Timeframe None Server Server Server Server Server Send Live Activities to Data Manager Bedge Activity Delete Timeframe None Server Send Live Activities to Data Manager Bedge Activity Delete Timeframe None Server Server Server Server Bedge Activity Delete Timeframe None Server Processing Loop Limit 10 Event Processing Loop Limit Delete Manager Live Log Vew Bedge Acti	XPressEntry Settings			_	
 General Add / Edd Digley Badges RFD Ueer Defined Fields Mutter Settings Question Settup Logging Cuestion Settup Logging Cuestion Settup Database Data Manager Cocupancy Default Uotiside Zone Wegand Format Data Server Service Settings Database Data Manager Service Settings Database BRNO Software Event Weere Reader Vriddeons Passwords Badge Settings Twiso Alerts Add Fixed Settings Twiso Alerts Attabase Texts Settings Data Manager Live Log View Pause Mimor Log To: Data Manager Live Log View Pause Mimor Log To: Save Cancel 	File Database SQL Import/Export				
 Grenel Add / kit Doplay Bodges RTD Uer Defned Fields Muster Settings Oueston Setup Logging Clert Settings Wegand format Data Data Manager Service Settings Database Data Manager BRNO Software Event Vewer Reader Validations Pesswords Bodge Settings Twiso Alets Alet Settings Branic Alet Settings Bennetic Settings Alet Settings Bennetic Settings Bennetic Settings Alet Settings Bennetic Settings Alet Settings Bennetic Settings Bennetic Settings Alet Settings Bennetic Settings Alet Settings Bennetic Settings Alet Settings Bennetic Settings Alet Settings Bennetic Settings Alet Settings Bennetic Settings Alet Settings Bennetic Settings Bennetic Settings Alet Settings Bennetic Settings Bennetic Settings Alet Settings Bennetic Settings Bennetic Settings Alet Settings Bennetic Settings Bennetic	م [Enable Data Manager Type: BRIVO		Setup Data	Manager
Ad / Edit Display Sync Timers Sync Options Badges PriD Pull DataManager Occupancy Event Processing Retry Count 3 • User Defined Fields Muster Satings Default Outside Zone Outside Default User Profile Intrant User Defined Fields Weigard Format Data Pull Data Manager Default Outside Zone Muster Satings Server Server Send Live Activities to Data Manager Enable Automatic Badge Activity Delete Baryo Server Send Live Activities Retry Count 3 • Database Watch Tables via Software Events Badge Setings Enable Automatic Badge Activity Delete Timeframe None Server Reader Prifie Message Queue Name PrivateS/BrivoDataManagerEvel Badge Setings Cutom Display Validations Paric Activities Data Manager Live Log Vew Pause Mmor Log To: Browse Paric Actrs Settings Data Manager Live Log Vew Pause Mmor Log To: Browse	General				
AFID Wer Defined Fields Muster Settings Question Setup Logging Clert Settings Weigand Formal Data Server Badge Setings Cutom Deplay Valation Color Docs Paric Alet Settings Bendle Settings Final Settings Bernei Alet Settings Settings	Add / Edit Display Badges	Sync Timers Sync Options			
User Defined Fields Muter Stitings Question Setting Question Settings Data Manager BRVO Software Event Vewer Reader Validations Passwords Badge Settings Custom Daplay Validation Colors Doors Trend Settings Branch Alet Settings Brank Alet Settings Enal Settings Twillo Alerts Pata Manager Live Log Vew Pause Miror Log To: Browse	RFID	Pull DataManager Occupancy	Event Processing Retry Cou	int 3	*
Question Setup Logging Wegand Format Data Server Server Server Service Settings Data Manager BRVD Sthware Event Vewer Reader Profiles Handheld Functionality Reader Validations Passwords Badge Settings Custom Diplay Validation Colors Doors Trend Settings Bater Settings Data Manager Live Log View Pause Muster Scanned Users Image: Settings Data Manager Bruko Striver Event Vewer Reader Profiles Handheld Functionality Reader Validations Passwords Badge Settings Custom Diplay Validation Colors Doors Trend Settings Band Settings Data Manager Live Log View Pause Muror Log To: Sorve Event Settings Data Manager Live Log View Sorve Event Settings Data Manager Live Log View	User Defined Fields Muster Settings	Default Outside Zone Outside ~	Default User Profile Fr	ntrant	~
Lögging Interfect Settings Mutater Sechnice Ousers interer Interfect Settings Server Server Send Live Activities to Data Manager Enable Automatic Badge Activity Delete Batwase Send Live Activities to Data Manager Badge Activity Delete Badge Activity Delete BRIND Send Live Activities to Data Manager Send Live Activities to Data Manager Badge Activity Delete BRIND Send Live Activities to Data Manager Send Activities Retry Count 3 Send Activity Delete Brandheld Functionality Reader Profiles Manager Uve Log View Badge Activity Delete Badge Activity Delete Matater Settings Custon Display Validations View Pause Mmor Log To: Validation Colors Dors Paric Aets Settings Bordies Settings Braic Settings Data Manager Live Log View Pause Mmor Log To: Browse Øraic Aets Settings Data Manager Live Log View Pause Mmor Log To: Sove Out a Manager Live Log View Pause Mmor Log To: Sove Cancel	Question Setup	Pull Data Manager Activities into XPressEntry	Muster Server al Users		
Wegand Format Data Image:	Logging Client Settings	Push XPressEntry Activities to Data Manager	Muster Scanned Users n	lever	~
 Server Badge Activity Delete Timeframe None Badge Activity Delete Timeframe None Send Activities Retry Count Clear External Data Clear External Badge Activity Data Manager Live Log View Pause Miror Log To: Browse 	Wiegand Format Data	Send Live Activities to Data Manager	Enable Automatic Badge	e Activity Delete	
Database Sin Activities reay Count S Data Manager BRIVO Software Event Vewer Manager Event Vewer Reader Pofiles Message Queue Name Handheld Functionally Reader Validations Passwords Badge Settings Custom Display Validation Colors Doors Tend Settings Panic Alet Settings Data Manager Live Log Vew Pause Mirror Log To: Browse Browse	Service Settings	Send Activities Betry Count	Badge Activity Delete Timefr	rame None	\sim
 □ Data Manager □ Watch 1 ables Via Software Events □ BRINOO Software Event Viewer □ Reader Profiles □ Handhel Functionality □ Reader Validations □ Passwords □ Badge Settings □ Cuear External Data □ Clear External Badge Activity □ Data Manager Live Log View □ Data Manager Live Log	Database				
Software Event Viewer Reader Profiles Handheld Functionality Reader Validations Passwords Badge Settings Custom Display Validation Colors Doors Trend Settings Bometic Settings Email Settings Twilio Alerts Levent Processing Loop Limit Levent Processing Loop Limit Data Manager Live Log View Pause Mirror Log To: Browse Save Cancel	BRIVO	Vivatch Tables via Software Events			
Meader Toriks Message Queue Name [Private\$BrivoDataManagerEvei] Handheld Functionality Reader Validations Passwords Badge Settings Custom Display Validation Colors Doors Trend Settings Clear External Data Clear External Badge Activity Data Manager Live Log View Pause Mirror Log To: Browse Atet Settings Email Settings Twilio Alerts Save Cancel	Software Event Viewer	Enable Message Queue	1		
Reader Validations Passwords Badge Settings Custom Display Validation Colors Doors Tend Settings Biometric Settings Badler Settings Twilio Alerts	Handheld Functionality	Message Queue Name .\Private\$\BrivoDataManagerEvei	_		
Badge Settings Clear External Data Clear External Badge Activity Validation Colors Doors Data Manager Live Log View Pause Mirror Log To: Browse Panic Alet Settings Ennal Settings Twilio Alerts Image: Pause Mirror Log To: Browse Save Cancel	Reader Validations Passwords	Event Processing Loop Limit 10			
Custom Display Validation Colors Doors Trend Settings Bometric Settings Email Settings Twilio Alerts Crear External Data Data Manager Live Log View Pause Mirror Log To: Browse Remail Settings Email Settings Save Cancel	Badge Settings	Class Esternal Data			
Dors Tend Settings Panic Alet Settings Biometric Settings Email Settings Twilio Alets Save Cancel	Custom Display	Clear External Data Clear	External badge Activity		
Tend Settings Panic Alet Settings Biometric Settings Email Settings Twilio Alerts	Doors	Data Managar Live Log View Davies Managar T	. [
Bometri Settings Email Settings Email Settings Twilo Alerts Save Cancel	Trend Settings	Pause Millior Log View Pause Millior Log To		Br	owse
Ater Settings Email Settings Twilo Alerts Save Cancel	Biometric Settings				
Twilo Aletts	Alert Settings Email Settings				
Save Cancel	Twilio Alerts				
Save Cancel					
Save Cancel					
Save Cancel					
Save Cancel					
Save Cancel					
Save Cancel					
				Save	Cancel

- 1. Pull Data Manager Occupancy Enables use of the Occupancy Sync.
- 2. Pull Data Manager Activities into XPressEntry Enables use of the Activity Sync.
- 3. Push XPressEntry Activities to Data Manager Not available in Brivo OnAir® APIs.
- 4. Default User Profile The default XPressEntry user profile that will be assigned to users. Entrant is recommended but not required.
- 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. Enable Badge Activity Delete Will remove Brivo OnAir® activities from the XPressEntry database (e.g. daily, weekly, monthly).
- 7. Setup DataManager Button Opens Brivo OnAir® specific settings.
- 8. Clear DataManager Settings Resets all settings on the two above tabs, as well as the Brivo OnAir® specific settings.
- 9. Clear External Data Deletes all data synced from Brivo OnAir® from the XPressEntry Database.

Brivo OnAir® Data Manager Setup Page

Press the Setup Data Manager button to get the Brivo OnAir® specific setup screen. In the new window, you will see the following:

🖳 Brivo Data Manager Se	etup	-		×			
Setup Data							
API Key							
Usemame telaeris	s_support						
Password	Show						
App Client ID							
App Client Secret							
Site IDs							
Telaeris Office	Fill Sites						
	HTTPS Port 6080						
External Server Name	Test Local Event						
Event Server Name	XPressEntry Server						
Event Server Route	/brivo_events	ĺ					
Event Server Error Emails	Subscriptions						
Test Connect Test Refresh Defaults Save Changes							
1:28:34 PM : Connection Suc	cess!			^			
				~			

The Brivo OnAir® Data Manager Setup page in XPressEntry includes the following fields:

- **API Key**: Enter the API key generated from your Brivo OnAir® developer account.

- **Admin Username**: Enter the Admin ID (found in Brivo Access).

- **Admin Password**: The corresponding Brivo Access password.

- **App Client ID / Secret**: (Optional) Used only if you have these values from the legacy Brivo ACS setup. If not available, leave blank.

Click Test Connect after entering all the data correctly. This will connect to the Brivo OnAir® system using the given user's name and password.

The result will display Connection Success! if connected to Brivo OnAir[®] successfully. If there is any error in the connection it will show in the same result window.

Press "Save Changes" to close the form. On the Data Manager tab of the Settings form, select Save. It is now time to begin syncing data.

Set up XPressEntry Data

XPressEntry Data

After setting up the data manager, run the initial Full Sync to pull data from Brivo OnAir[®]. Once the Brivo OnAir[®] 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 Brivo OnAir[®] cannot be changed and is greyed out in XPressEntry without proper permissions. To allow for editing of data, please refer to XPressEntry Settings > General > Add/Edit Display.

-1				
W XPressEntry Settings		-		×
File Database SQL Import/Export				
File Database SQL Import/Export Image: SQL Import/Export Image: SQL Import/Export Image: Settings Image: SqL Import/Export Image: SqL Import Image: SqL Import/Export Image: SqL Import Image: SqL	General Show Badge Types Form Show Visitor Pre-Registration Form Show RFID Form Show Muster Sites Form Show Holidays Form Show Velicles Only Show Users and Companies To Non Admins Show Show Users and Companies To Non Admins 100 Pagination Size (Zero to Show All) External Data Show External Rag in Add / Edit List Show Reader GUID Switching Show ID Scan Options Allow Reader GUID Switching Show ID Scan Options Show Reader GuID Switching Show Freedom Settings Show Reader GuID Switching Show Freedom Settings Show Reader Imezones Badges Show Badge Defined Field 1 in Add/Edit Show Badge Defined Field 2 in Add/Edit Show Badge Defined Field 2 in Add/Edit Show Badge Defined Field 3 in Add/Edit Users Enable User Watch Lists Enable Gender Field for Users GPS GPS Show GPS Coordinates in Doors Show GPS Column's in Activity	ave	Сап	∧ ∧

Sync Check

The purpose of this section is to help the operator understand exactly what data XPressEntry is pulling from Brivo OnAir[®]. For a quick setup, please navigate to the next section – Configuring XPressEntry Using Brivo OnAir[®] Data.

Below are the Mapping details of each Data pulled from Brivo OnAir®.

Brivo OnAir®	XPressEntry
Doors	Doors
Doors	Readers
Users	Users
Credentials	Badges
Schedules	Time Zones
User Groups	Groups

Doors

All Doors should be available to view in the Doors tab under Add / Edit Info.

Here is a sample of a properly synchronized doors:



🛒 XPressEntry - 3.6.9999 - Telaeris (Logged In User:	admin)				-		×
File 🔐 Tools 🐼 View	Logout	Entry/Exit				?	<u>H</u> elp
Entry/Exit Activity History Messages Add/Edit Info	Logs						
Filter:	Users & Logir Door Name [Door 1 Stat Zone Outside End Zone Teleeris Office Door FID Tag# External Entry Rea Door 1 External Ext Read Door 1	s 11 Companies der er	Groups 🥍 Zones	X X	🗌 Readers 🖓 Rok	es 🍖 U	•••
		Exte	rnal Record:1	4146023			
	Add New	Delete Sa	ve Can	cel			
Time to Read 4 Records: 0.82 seconds			Vali				
Activity Occupancy Partial Full Total Occupa	incy: 0 Inside 1 Zone	l 0 Unr	ead Messages	1	Service Running Lo	ocally	

Readers

Since Brivo OnAir[®] does not have separate readers, readers are created from each door in XPressEntry automatically.

XPressEntry - 3.6.9999 - Telaeris (Logged In Use	: admin)	- 🗆 X
Eile	Logout SEntry/Exit	Help
Entry/Exit Activity History Messages Add/Edit Info	Logs	
Filter:	🌋 Users 🌋 Logins 🔝 Companies 🏶 Groups 🧏 Zones 📃 Doors	🔲 Readers 🖓 Roles 🦓 L 🔹
Handhelds	Name Door 1	
Handheid 1 Handheid 2 Handheid 3	Doors	
Server Reader : CRANE	Profile	
	GUID	
Time to Read 4 Records: 0.08 seconds		
Readers	External Muster Reader	
afdasf Door 1 Door 2	Is External Muster Reader	
50012	External Muster Zone	
	Card and Pin Mode	
	CARD ONLY V	
	Create Reader Credential	
	1	
	External Record:14146023	
Time to Read 3 Records: 0.39 seconds	Add New Delete Save Cancel	
Activity Occupancy Partial Full Total Occu	ancy: 0 Inside 1 Zone 0 Unread Messages	Service Running Locally

Users

Here is a sample of a properly synchronized user:

XPressEntry will pull the user's image and badge number from Brivo OnAir[®]. The badge number can be seen at the bottom of the screen.

0				(MW 🕘 TS
Users					
0 User Suzy Road	Profile All standard and custom fields				
ci	First Name * Suzy	Middle Name	Last Ro	Name*	
Profile	Phone Number(s)				
© Credentials	Email Address(es)	Add Anoths	er Phone Number		
Recent Activity		🕘 Add Anothe	er Email Address		
Print Badge For User Suspend User	Photo Upload Photo Take Photo Trage should be GUT, PHG or	oto Remove Photo IPEG with maximum size of 2MB			
Delete User	Custom Fields				
Offline Locks	Phone Number				
	emptoyee id				
	Groups All groups assigned to user				
	Ôs Staff				©
		Assig	in To Group		
剩 XPressEntry - 3.6.9999 - Telaeris (Logged In User:	admin)				- 🗆 ×
Eile Tools 🐼 View	Logout 🚫 E	ntry/Exit			Pelp Help
Entry/Exit Activity History Messages Add/Edit Info	Logs				
Filter:	Users <u>&</u> Logins <u>11</u> Co User Groups Zones Times	mpanies 🎂 Groups cones Vehicle Types	s 🦗 Zones 📗 D Contact Info UDFs.	oors 🔲 Readers	🖓 Roles 🖓 L 🔸
Administrator, Company Bandemer, Nathaniel Brokaw, Tom T.	First Name Last I	Name	М	Photo FP	^
Carta, David R. Carta, David Gerrard, Gerrard	Suzy Road		1		
Jacobsma, Alexander Lim, Kelly	Emp ID		Visitor	6	
Resing, Evan Ride, Sally	Zone	~	Host		
Road, Suzy Schiller, Brady Stotts, Chris	End Date			-	
Webb, Quentin	User Profile	 ✓ Creat 	ate Login		
	Badges			Change	Crop Delete Y
	(1) Add Badge	Delete Badge	View History	Print Badge	Dadas Tara
	▶ 97	Activated Date	Expired Date	Invalid	Standard 26 Bit V
		External	Record:14089	660	
Time to Read 15 Records: 0.18 seconds	Add New Delete	Save	Cancel		
				Constant D	and a standard

User Permissions

Here is a sample of properly synchronized user permissions:



Groups

User Groups has been mapped to Groups, and readers have been included in each group according to the door group.

• @	Brivo Access - Groups × +				- 🗆 X
$\leftarrow \rightarrow$	C 🛱 😁 access.brivo.com/gro	ups			९ 🖈 💴 🍖 🕞 🖸 । 💿 :
0					<u>New</u> 0 CS
@ *	Groups				
⊡ #Rk ①	Filters Name Filter groups by name	Q Sites All sites ~	Devices All devices ~		+ Create New Group
<u>.</u>	Name 💿	Total Users	Active Users	Created	
0	Contract Employees			04/22/2025	View >
•••	Staff			03/22/2017	View >
ଞ	Test Group			04/23/2017	View >
	Visitors			03/22/2017	View >
8					
۵					Showing 1-4 of 4 Groups

• 0	Brivo Access - Group details × +				- 🗆 ×
$\leftarrow \rightarrow$	C 🛱 😄 access.brivo.com/groups/13842	273		९ 🖈 📮 👘 🕻	່ງ 🖸 💿 🗄
Ø					New 🔞 CS
G \$ ₽	Groups ← Back To List				Î
¢۹۹ C	Group Staff	Device Privileges Manage device	es and assigned schedules		
الا الا	Device Privileges Users in Group	Current devices A	Il devices		
	Group Sattinde	Site	Device	Schedule	
Q	Circup sertings	Telaeris Office	10 Door 2	(Always Access)	
				(ning)s nocess)	
O	Delete Group				
		_ Door 😂 Floor SA S	Salto Lock ^s _d Simons Voss Lock ^A dlegior	a Lock 🤲 Assa Abloy Lock 🏾 🎇 Valid Crede	ntial
		Users in Group A list of all users	assigned to this group		
		Filter users by name			
		Bandemer, Nathaniel			
		Brokaw, Tom T			
- U		Carta, David R			⊗ .

🛃 XPressEntry - 3.6.6971 - Telaeris (Logged In User:	admin) — 🗆 X
Eile Tools 🐼 View	Logout Dentry/Exit
Entry/Exit Activity History Messages Add/Edit Info	Logs
Filter:	Iser Logins I companies Groups Mare Staff
	External Record:13842273
Time to Read 6 Records: 0.04 seconds	Add New Delete Save Cancel
Activity Occupancy Partial Full Total Occup	ancy: O Inside 1 Zone O Unread Messages Service Running Locally

Configuring XPressEntry Using Brivo OnAir® Data

Now that XPressEntry has access to the Brivo OnAir® database, it needs to be configured to use this information. The tabs that need to be configured are the Doors, Readers, and Zones.

Doors

Entry/Exit permissions in XPressEntry are set by doors. Doors contain two readers – an exit and an entry reader. Door access is determined by the User's access to the door's reader.

- For entry, permission is based on the user's access to the door's external entry reader.
- For exit, permission is based on the user's access to the door's external exit reader.

Doors should be set by the user for each Handheld Reader in XPressEntry.

- Zones For each door, set the start zone and end zone in XPressEntry. This will "enter" a user in the specified zone when they enter or exit (or scan at a Brivo OnAir® reader).
- 2. External Readers The External Entry Reader is automatically set to the Reader that is created from the door.

The XPressEntry Integration with Brivo OnAir® could use default zones created by XPressEntry or could create more zones manually in XPressEntry, since Brivo OnAir® does not have zones.

A reader is created in XPressEntry with respect to each door pulled from Brivo OnAir® as shown in the below image.

	External Record:1	
	O Users Companies Groups Zones Doors Readers Roles Timezones Muster Sit	tes
1-1	Door Name	
2-1	Door 1 - 1	
2-2	Chart Zono	
3-2		
4 - 1	Ullside	
Entry	End Zone	
	Building	
	Door RFID Tag #	
	External Entry Reader	
	Reader-Door 1 - 1 V X	
	External Exit Reader	
	Reader-Door 1 - 1 V	

There should be a door in XPressEntry for each physical station that an employee will have a handheld. Select "Outside" for Start Zone and "Building" for End Zone.

Doors will automatically be added for each of the Brivo OnAir® physical door readers. If XPressEntry is set up to pull activities, it will move people in the system based on the reader they were scanned at and the zones attached to the door.

Readers

In XPressEntry's Brivo OnAir® integration, it is not necessary to associate any reader in the system with a handheld. This association can be done on the handheld when it comes time to scan.

A handheld unit can logically represent any reader in the building. When the handheld is issued to an employee at a specific door, the employee must first set the door on the handheld. The XPressEntry Reader that the handheld represents is based on whether the handheld is in entry mode or exit mode.

For example, let us say that you have handheld A stationed at door A. Door A has two readers associated with it: Reader A-Entry and Reader A-Exit. The employee holding the handheld sets the handheld's door to Reader A. When the employee

sees a cardholder walking towards the building, he sets the handheld to Entry mode and scans the cardholder's badge. The handheld in entry mode identifies itself as reader A-Entry and sends an activity to the server.

Later, there is heavy volume exiting Door B. Door B has two readers associated with it: Reader B-Entry and Reader B-Exit. The employee from door A is called to help and brings handheld A. He sets the door on his handheld to Door B and the mode to Exit. When he begins scanning people walking out of the door, the handheld identifies itself as Reader B- Exit and sends each scan as an activity to the server.

For more information on XPressEntry functionality, please review the XPressEntry Server Documentation.