



D301958X012 November 2024

Application & Device Safety Considerations

Reading these Instructions

Before operating a device or application, read these instructions carefully and understand their safety implications. In some situations, improper use may result in damage or injury. Keep this manual in a convenient location for future reference. Note that these instructions may not cover all details or variations in equipment or cover every possible situation regarding installation, operation, or maintenance. Should problems arise that are not covered sufficiently in the text, immediately contact Energy and Transportation Solutions (ETS) Customer Support for further information.

Protecting Operating Processes

The failure of a device or application – for whatever reason – may leave an operating process without appropriate protection and could result in possible damage to property or injury to persons. To protect against this, review the need for additional backup equipment or provide alternate means of protection (such as alarm devices, output limiting, fail-safe valves, relief valves, emergency shutoffs, emergency switches, etc.). Contact ETS for additional information.

Using Qualified Personnel

Installation, configuration, and any subsequent modifications to a device or application should only be performed by qualified, suitably trained personnel.

System Training

A well-trained workforce is critical to the success of your operation. Knowing how to correctly install, configure, program, calibrate, and troubleshoot your Emerson equipment provides your engineers and technicians with the skills and confidence to optimize your investment. ETS offers a variety of ways for your personnel to acquire essential system expertise. Our full-time professional instructors can conduct classroom training at several of our corporate offices, at your site, or even at your regional Emerson office. You can also receive the same quality training via our live, interactive Emerson Virtual Classroom and save on travel costs. For our complete schedule and further information, contact the ETS Training Department at 800-338-8158 or email us at *education@emerson.com*.

Grounding Equipment

Ground metal enclosures and exposed metal parts of electrical instruments in accordance with relevant safety standards. For the USA, refer to OSHA rules and regulations as specified in *Design Safety Standards for Electrical Systems*, 29 CFR, Part 1910, Subpart S, dated: May 16, 1981 (OSHA rulings are in agreement with the National Electrical Code). For international locations, refer to IEC 60364-4-41: PROTECTION AGAINST ELECTRIC SHOCK. You must also ground mechanical or pneumatic instruments that include electrically operated devices such as lights, switches, relays, alarms, or chart drives. The chassis (or earth ground) lug provides a safe connection point to a customer-designated ground location for ESD and transient voltage suppression. Do not use the chassis ground lug for signal, common, or return connections. **Do not connect the chassis ground lug directly to a lightning arrestor/lightning rod.** Do not run signal wiring in conduit or open trays with power wiring or near heavy electrical equipment. If shielded wiring is used, ground the shield of the signal wiring at any one point of the signal loop.

Important: Complying with the codes and regulations of authorities having jurisdiction is essential to ensuring personnel safety. The guidelines and recommendations in this manual are intended to meet or exceed applicable codes and regulations. If differences occur between this manual and the codes and regulations of authorities having jurisdiction, those codes and regulations must take precedence.

Protecting from Electrostatic Discharge (ESD)

Any device contains sensitive electronic components which can be damaged by exposure to an ESD voltage. Depending on the magnitude and duration of the ESD, it can result in erratic operation or complete failure of the equipment. Ensure that you correctly care for and handle ESD-sensitive components.

- Ethernet Connectivity

This automation device is intended to be used in an Ethernet network which does not have public access. The inclusion of this device in a publicly accessible Ethernet-based network is not recommended.

Returning Equipment

If you need to return any equipment to ETS, it is your responsibility to ensure that the equipment has been cleaned to safe levels, as defined and/or determined by applicable federal, state and/or local law regulations or codes. You also agree to indemnify ETS and hold ETS harmless from any liability or damage which ETS may incur or suffer due to your failure to ensure device cleanliness.

Contents

Section 1: In		ntroduction5
1.1	Abbre	eviations, Acronyms, and Terms5
Section 2: K		nowing your application7
2.1	Overv	<i>r</i> iew7
2.2	Launo	ching the application
2.3	Loggi	ng in for the first time
2.4	Multi-	Factor Authentication 10
	2.4.1	Trouble Scanning 11
2.5	Unde	rstanding the user interface13
Section 3	8: V	iewing the orders16
Section 4	l: V	/orking with the Administration tab17
4.1 Mana		ging users 17
	4.1.1	Creating a new user
	4.1.2	Editing a user
	4.1.3	Disabling a user
	4.1.4	Enabling a disabled user
4.2	Mana	ging sites
	4.2.1	Creating a new site
	4.2.2	Editing a site
	4.2.3	Disabling a site
	4.2.4	Enabling a disabled site27
Section 5	5: V	/orking with licenses28
	5.1.1	Transferring single product's license to own site
	5.1.2	Transferring multiple products' licenses to own site
Section 6	5: V	/orking with devices36
	6.1.1	Adding a new license to a device

6.1	1.2	Editing device description	. 40
6.1	1.3	Transferring a device to own site	. 40
6.1	1.4	Transferring multiple devices to own sites	, 42
6.1	1.5	Downloading the device license file	, 45
6.1	1.6	Revoking a product license	. 46
Section 7:	Vi	ewing the activations history	50
Section 8:	Vi	ewing the transfer history	51
Section 9:	Ap	opendix A: Exporting data	52
Section 10:	Lis	st of figures	53

Section 1: Introduction

Licensing Tool is a cloud-based licensing system for the software applications that run on the FB3000 RTU. Customers can purchase add-on features and special applications from their Emerson Impact Partner (or local Emerson representative for their world area) to run on an FB3000 RTU. These applications enable the FB3000 to handle additional meter runs, or to perform special calculations or custom logic not included in the standard base firmware of the FB3000.

1.1 Abbreviations, Acronyms, and Terms

Term	Description
Product	The software application that runs on the RTU.
Company/Customer	Organizations or businesses that use devices and licenses for business processes.
	The terms <i>Company</i> and <i>Customer</i> are interchangeably used throughout the document.
EIP	Emerson Impact Partner ("EIP" or "partner"): the organization that – on behalf of Energy and Transportation Solutions – facilitates the purchase of licenses and the commissioning of FBx devices at customer sites.
Device	The Emerson hardware — in this case — an FB3000 RTU. The serial number on the RTU identifies the devices in the licensing system. You can find the serial number of a device registered with the ECP on the Devices tab. To find the device serial number on the hardware, locate the S/N item on the label of the CPU module and then look for a case-sensitive 9 or 10-character string. If the device shipped from the factory pre-configured, the Emerson Impact Partner or representative typically pre-assigns the license to the device so the ECP recognizes the serial number. Alternatively, suppose you want to add a license to a device already at a customer site. In that case, the impact partner or representative must assign the license to the customer site where the device resides for the device to be recognized in the ECP.

This section describes the abbreviations, acronyms, and terms used throughout this manual.

D301958X012 November 2024

Term	Description
Site	Sites (also called "assets") are user-defined groupings of devices and/or products within an organization or business. For example, T&D Natural Gas Company might have two sites named either "Southeast Production Field" and "Western Production Field" or "Department 1" and "Department 2". Select names for your sites/assets which are meaningful for your organization.
RTU	Remote Terminal Unit
DPL	Denied Party List
MFA	Multi-Factor Authentication

Icon	Description
i	Click to open the selected item for editing.
×	Click to disable the selected item. The system typically displays a confirmation message to verify the action.
~	Click to include the selected item.

Section 2: Knowing your application

2.1 Overview

The Licensing Tool application is an essential tool for businesses and organizations that require efficient tracking and management of software licenses.

The Licensing Tool application integrates with the Field Tools application to serve Partner and Customer users.

The application provides functionalities such as fulfillment of back-to-back orders, license activations, transfers of licenses/devices, site management, user management, and historical logs for the end-user's convenience.

FBxConnect downloads the license file to the device and facilitates communication with the server. Its use is currently limited to Emerson's FB3000 devices.

2.2 Launching the application

To launch the application,

1. Go to the start menu and locate Emersion Field Tools.



2. Click the v arrow to see the associated applications.



- 3. Click Licensing Tool. This launches the Licensing tool application.
- 4. Click **Sign In** to log in to the application.

2.3 Logging in for the first time

- 1. If you do not have an account on the Licensing Tool, contact an Emerson Impact Partner, Customer or Guardian administrator to create one for you as a new user.
- 2. Once the account is created, Emerson receives an email requesting DPL approval.
- 3. Emerson reviews the account information. Upon approval of the DPL, your email ID is added to the system.
- 4. On your first login, click on the "Forgot password" link.



This action sends a password reset email to your email ID.

Figure 4. Resetting pas	ssword	
	Check Your Email	
	Please check the email address @emerson.com for instructions to reset your password.	
	Resend email	

- 5. Follow the instructions in the email to set your new password.
- 6. Enter the new credentials. The software prompts for an additional form of authentication. Refer section **Multi-Factor Authentication** for details.

2.4 Multi-Factor Authentication

1. Upon providing the correct credentials, you are prompted to register for Multi-Factor Authentication (MFA) using an authenticator app.

P User Authentication X
Secure Your Account
Scan the QR Code below using your preferred authenticator app and then enter the provided one-time code below.
Trouble Scanning?
THEN
Enter your one-time code*
Continue

Notes

- If in case you are unable to scan the QR code, click the *Trouble Scanning?* link.
- If you **do not have a smartphone** to scan the QR code, download a TOTP (timebased one-time password) app for the desktop to generate the one-time code. Alternatively, you can use a password manager like Keeper to generate the onetime code.
- If you have switched to a new smartphone or cannot access the authenticator app anymore, please reach out to Guardian tech support.
- 2. Open their authenticator app and scan the displayed QR code. A 6-digit code appears for the associated account.

Note

We recommend using either the Google Authenticator app, Microsoft Authenticator app, or any other reliable authentication application that suits your needs.

3. Enters this code into the "one-time code" field.

/ / L	User Authentication	×
	and then enter the provided one-time code below.	
	Trouble Scanning?	
	THEN	_
	Enter your one-time code*	
	125864	
	Continue	
	Continue	

4. Entering the correct code successfully opens the home page of the application.

2.4.1 Trouble Scanning

This is an alternate method to perform the multi-factor authentication if in case the QR code doesn't work.

1. Click the **Trouble Scanning?** link to access the alternate MFA method.

Figure 7. Performing	MFA by alternate method		
	User Authentication	×	
	Secure Your Account Manually enter the following code into your preferred authenticator app and then enter the provided one-time code below.		
	FR4CSOJQMFTTSN2JFR2DOMRXKQZTKVSW		
	Copy code		
	Enter your one-time code*]	
	Continue		

- 2. You have two options for entering the code into your authenticator app:
 - a. Manually enter the given code into your authenticator app.
 - b. Click the 'Copy Code' button to copy the code.
- 3. If you choose the 'Copy Code' option, send the copied code to your email address.
- 4. Access your email on the device where your authenticator app is installed.
- 5. Open the email containing the code and copy it.
- 6. Open the authenticator app, access the scanner, add an (other) account, and enter the copied code in the Secret key field

November 2024



- 7. Click Finish to generate the one-time code on the authenticator app.
- Enter the One-time code on the User authentication screen *Figure 7. Performing MFA by alternate method* on your system. A valid code allows you to successfully log in into the application.

2.5 Understanding the user interface

Licensing Tool has a simple user interface designed for the ease of use. There are seven tabs available on the user interface. The system displays the **Orders** tab when the application opens:

D301958X012

November 2024

Figure 9. U	ser Interface		
Licensing Tool			– 8 ×
	sina Tool	-	Welcome - CustomerUser
Grders	Devices T. Activation H	story 🕅 Transfer History 🖻 Administration	
Select Site All Sites	<u> </u>		A
			Hide Filters Show Filters
Order Date From MM/dd/yyyy	Order Date To MM/dd/yyyy	Order PO# License Device Serial Numb	er Device Transferred Status All Search Clear All
Order Date 🛛 🝸	Order	T PO#	
+ 12/18/2023 + 12/07/2023	BVSO120523002 FBNOC BVSO120523002 FBNOC	FBNOC, for_Marshalltown FBNOC, for_Marshalltown	
+ 11/29/2023 + 11/14/2023	ENGNIST23PO	MTNNIST23PO	
+ 11/10/2023 + 08/28/2023			
+ 08/03/2023 + 08/03/2023	VinsonPMWTX1V VinsonPMFLLX1V	VinsonPMWTX1V VinsonPMFL1V1V	
+ 08/03/2023	VinsonPMENARDOV	Viisoinmitzavv	
+ 07/17/2023			
			•
≪	5 6 ▶ ▶		Page 1 of 6
4			
	Field	Description	
		Tabs	
		The user interface has the following tabs:	
		Orders	
		Products	
		Devices	
		Activations	
		Transfer Logs	
		Boports	
		Administration	
	2	Logged in user	
		Shows the details of the logged-in user. Click	the username to display
		the following options:	
		Welcome - 009@ets.com	
		My Account	
		Change Password	
		Help	
		Sign Out	

D301958X012

November 2024

Field	Description					
3	Select site Select a site from a drop-down list. The system filters records specific to the selected site.					
4	Export Click to export the data of the selected tab into a CSV format.					
5	Show/Hide filters Toggle to view or hide filters.					
6	Search Click to search the content based on the available filter criteria. The number of fields available for filtering the content varies on each tab.					
7	Clear all Click to clear all the applied filters.					
8	Status bar Displays details of the currently open page number and the total number of pages available. Note: Each page displays a maximum of ten records. Use the navigation arrows (Image displays a maximum of ten records. Use the navigation arrows (

November 2024

Section 3: Viewing the orders

The Orders tab (after you sign into the application) lists all the available orders for the selected site.

Figure 10. Viewing orders

1	🔎 Licensing Tool 🛛 🗕 🗖 🗙											
EMERSON Licensing Tool								me - Custom MRRASDevel	<u>erUser</u> opment			
١ .	Orders	🛎 Licenses	Devices	∓ Activation Histor	y 🖪 Transfer History	Administration						
Sele	ect Site A	All Sites		v								
Exp	ort 🖻									Hide Filters	• Show	Filters
Orc M	Order Date From Order Date To Order PO# License Device Serial Number Device Transferred Status MM/dd/yyyy 12 MM/dd/yyyy 12 Image: Comparison of the second s							7				
										Search	Clear /	All
<												>
	Order Da	ate 🔻	Order	T P	O#							T
+	12/18/20	023	BVSO1205230	002 FBNOC FI	BNOC_for_Marshalltown							
+	12/07/20)23	BVSO1205230	002 FBNOC FI	BNOC_for_Marshalltown							
+	11/29/20)23										
+	11/14/20	023	ENGNIST23PC	0 N	ITNNIST23PO							
+	11/10/20)23										
+	08/28/20)23										
+	08/03/20)23	VinsonPMWT)	X1V V	insonPMWTX1V							
+	08/03/20	123	VinsonPMFLL)	xiv V	INSONPMFLLX1V							
M	_ ∢ _1:	2 3 4	56 🕨 🕨								Page 1	of 6

Click + (at the left of each order) to show the details for a specific record:

Order Date	Order	T	PO#							T	
08/03/2023	VinsonPMENARDOV		VinsonPMENARDO	V							A
License	Ť	Quanti	ty 🝸	Line#	T	Site	T	Device Serial Number	T	Device Transferred S	,
PMENARDOV		50		3		Marshalltown					
07/17/2023											
License	T	Quanti	ty 🝸	Line#	T	Site	T	Device Serial Number	T	Device Transferred S	}
BQM32		1		3_001		Marshalltown		P232402680		Not Transferred	
CTL01		1		4_001		Marshalltown		P232402647	2	Not Transferred	
GSLQ4		1		4_001		Marshalltown		P232402647		Not Transferred	
	Order Date ▼ 08/03/2023 ↓ License PMENARDOV 07/17/2023 ↓ License BQM32 CTL01 GSLQ4	Order Date Order 08/03/2023 VinsonPMENARDOV License Y PMENARDOV 07/17/2023 License Y BQM32 CTL01 GSLQ4 SLOPANARDARDARDARDARDARDARDARDARDARDARDARDARDA	Order Date Order O8/03/2023 VinsonPMENARDOV License Y Quanti PMENARDOV 50 07/17/2023 Uicense Y Quanti BQM32 1 1 CTL01 1 1 GSLQ4 1	Order Date VinsonPMENARDOV 08/03/2023 VinsonPMENARDOV License Value PMENARDOV 50 07/17/2023 License Quantity PMENARDOV SQM32 1 CTL01 1 GSLQ4 1	Order Date Order PO# 08/03/2023 VinsonPMENARDOV VinsonPMENARDOV License Y Quantity Y Line# PMENARDOV 50 3 3 07/17/2023 License Y Quantity Y Line# BQM32 1 3_001 3_001 CTL01 1 4_001 4_001	Order Date Order PO# 08/03/2023 VinsonPMENARDOV VinsonPMENARDOV License Y Quantity Y Line# Y PMENARDOV 50 3 3 07/17/2023 License Y Quantity Y Line# Y BQM32 1 3_001 1 4_001 GSLQ4 1 4_001 1 4_001	Order Date Order PO# 08/03/2023 VinsonPMENARDOV VinsonPMENARDOV License Y Quantity Y Line# Y Site PMENARDOV 50 3 Marshalltown 07/17/2023 License Y Quantity Y Line# Y Site BQM32 1 3_001 Marshalltown CTL01 1 4_001 Marshalltown GSLQ4 1 4_001 Marshalltown	Order Date Vorder PO# 08/03/2023 VinsonPMENARDOV VinsonPMENARDOV License Value VinsonPMENARDOV O7/17/2023 Quantity Line# Site Icense Quantity Line# Marshalltown GLQ4 1 4_001 Marshalltown	Order Date Y Order Y PO# 08/03/2023 VinsonPMENARDOV VinsonPMENARDOV VinsonPMENARDOV License Y Quantity Y Line# Y Site Y Device Serial Number 07/17/2023 50 3 Marshalltown VinsonPMENARDOV V	Order Date Vorder PO# 08/03/2023 VinsonPMENARDOV VinsonPMENARDOV License Value Line# Site Device Serial Number PMENARDOV 50 3 Marshalltown 07/17/2023 License Quantity Line# Site Device Serial Number Icense Quantity Line# Site Device Serial Number 07/17/2023 Icense Quantity Line# Site Device Serial Number Icense Quantity Line# Site Device Serial Number T BQM32 1 3_001 Marshalltown P232402680 CTL01 1 4_001 Marshalltown P232402647 GSLQ4 1 4_001 Marshalltown P232402647	Order Date Order PO# 08/03/2023 VinsonPMENARDOV VinsonPMENARDOV License Y Quantity Y Line# Y Site Y Device Serial Number Y Device Transferred S 07/17/2023 VinsonPMENARDOV 50 3 Marshalltown Y Device Serial Number Y Device Transferred S 07/17/2023 License Y Quantity Y Line# Y Site Y Device Serial Number Y Device Transferred S 07/17/2023 I 3_001 Marshalltown P232402680 Not Transferred S 02/01 1 4_001 Marshalltown P232402681 Not Transferred Not Transferred S 02/04 1 4_001 Marshalltown P232402647 Not Transferred Not Transferred S

As illustrated in the Figure 11. Viewing order detailsViewing order details screen, an order can have -

Figure 11 Viewing order details

License(s) without an associated device



License(s) with an associated device

Section 4: Working with the Administration tab

The **Administration** tab allows the customer admin user to manage its own users and sites.

Figure 12. Working with the Administration tab										
	Administration									
	👗 Manage Users									
	Q Manage Sites									

Refer to the following sections for details:

- Managing users
- Managing sites

4.1 Managing users

Users are the individuals who interact with software applications for various purposes. They have different roles and access levels based on which functionalities accessible to them.

Use this function to create, edit, or delete a user. When you click **Manage Users**, the system displays the list of users:

D301958X012

November 2024

Figure 13. Managing users											
🔎 Licensing Tool								– 🗆 X			
EMERSON, Licensing Tool	Welcome - CustomerUser EMRRASDevelopment										
🐨 Orders 🔄 Licenses 🔳 Devices 👬 Activation Histor		Administration> Manage Users									
Export 🖻 Create User 🛓											
Name Email		Address					City				
DPL Approval Status State		Zip			Country		Telephone				
Show Disabled Users							Search Y	Clear All 🌾			
Name T Email T	Address	T City	State	▼ Zip	T Country	Telephone	e 🝸 DPL Approval Statu	s Actions			
Aditya Singh aditya.singh@emerson.com	Plot No. 23, Rajiv Gandhi Infotech Park, Phase -II , Hinjewadi	Pune	MH	4110	57 India		Approved	×			
Andrei Rosiu andrei.rosiu@emerson.com	-	Cluj-Napoca	Cluj	4006	41 Romania		Approved	/ ×			
Brandon Kampe Brandon.Kampe@emerson.com					United Sta	tes of America	Approved	/ ×			
Christopher Thiessen Christopher.Thiessen@emerson.c					United Sta	tes of America	Approved	/ ×			
CustomerUser kusha.khanna@emerson.com	Plot No. 23, Rajiv Gandhi Infotech Park, Phase -II , Hinjewadi	Pune	MH	4110	57 India		Approved				
DaveBielen Dave.Bielen@emerson.com	1100 Buckingham St.	Watertown	СТ	0679	5 United Sta	tes of America	Approved	/ ×			
iulian.ghergut@emerson.com	Str. Emerson, Nr.4	Cluj-Napoca		4006	41 Romania		Approved	✓ × ▼ Page 1 of 1			

Filtering Content by Search Criteria

You can filter the displayed records using different search criteria. For example, to filter the users by the country "India":

- 9. Enter country name as **India**.
- 10. Click **Search**:

ig users				
Email	Address		City	
State	Zip	Country India	Telephone	
-	g users	Email Address State Zip	Email Address State Zip Country India	Email Address City State Zip Country India Telephone

The system displays all the records matching the search criteria:

igure 15. Vi	ev	ving filtered reco	rds														
Name	T	Email	Address	T	City	T	State	T	Zip	T	Country	T	Telephone	T	DPL Approval Status	Act	ions
Aditya Singh	ė	aditya.singh@emerson.com	Plot No. 23, Rajiv Gandhi Infotech Park, Phase -II , Hinjewadi		Pune		МН		411057		India				Approved	1	' ×
CustomerUser	I	kusha.khanna@emerson.com	Plot No. 23, Rajiv Gandhi Infotech Park, Phase -II , Hinjewadi		Pune		MH		411057		India				Approved	Ø	·
vinodkumar.guthula	,	/inodkumar.Guthula@emerson.com			Pune		MH				India				Approved	1	' ×

To clear the filter, click Clear All in Figure 14. Searching users.

4.1.1 Creating a new user

To create a new user for the customer:

 Click Create User (as shown on the Licensing Tool Administration screen, Figure 13. Managing users). The system displays the Add or update user screen, showing the User Details tab:

Figure	16.	Add	or	upda	te user	screen

Add or Update User			×							
User Details Sites Roles										
Name *	Test user 1	Test user 1								
Email *③	TestUser1@in.com									
Default Rights	None		•							
Country *	India									
	Street no 123, Applewood									
Address										
State	Maharashtra									
City	Nasik									
Zip	313001	313001								
Telephone										
		Save	Cancel							

 Enter the new user details (* asterisks indicate mandatory fields) and click the Sites Roles tab. The system displays the Sites Roles screen:

re 17. Add or update user: Sites Roles tab												
Add or Update User		>										
User Details Sites Roles												
Site Name	T	Role										
Cluj		None 🔻										
EEEC_Pune		Admin										
Marshalltown		RW										
Pune		RO										
Watertown		None										
	Save	Cancel										

3. Assign **roles** (Admin, RW, RO, or None) to the users on the required sites. "Roles" define the system activities each user can perform:

Role (Default)	Activities/ Permissions
Admin	Administration tab is visible. The admin user can -
	 Create/edit/disable customer site
	 Create/edit/disable customer users
None/RW/RO	Administration tab is not visible (Any of the above functionalities is not visible)

Role (Site wise)	Activities
Site Admin	Site admin can -
	Export data
	 Manage devices (add license, edit description, transfer (single/multiple), download license file, revoke license)
	Transfer licenses (single/multiple)

D301958X012

November 2024

Role (Site wise)	Activities
RW	Users with RW rights can -
	Export data
	 Manage devices (add license, edit description, download license file, revoke license)
	 View data on orders, licenses, devices, activations, and view activation and transfer history (for the site)
	• Export data on orders, licenses, devices, activations, and transfer history (for the site)
RO	Users with RO rights can-
	 View data on orders, licenses, devices, activations, and transfer history
	• Export data on orders, licenses, devices, activations, and transfer history
	Manage devices (download license file)
None	For the user with None rights, no activities are permitted. The following two conditions are applicable-
	• when the user has access to the site with None privilege - the system displays <i>No sites to see the data</i> .
	 when the user has access to one or more sites with mixed privileges – the user will not be able to see the data of the site having None privilege.

4. Click **Save**. The system creates a new user with the selected role and adds the user to the list of users on the Licensing Tool Administration screen.

4.1.2 Editing a user

To edit a selected user's details:

Click the right of a user's record (shown in *Figure 13. Managing users*):

Figure 18	igure 18. User record																	
Name	T	Email	T	Address	r	City T	St	tate 🔻	Zip	Ţ	Country	Ţ	Telephone	T	DPL Approval Status	Act	tions	
Aditya Singh		aditya.singh@emerson.com		Plot No. 23, Rajiv Gandhi Infotech Park, Phase -II , Hinjewadi		Pune	М	1H	411057		India				Approved	1	* ×	;
CustomerUser		kusha.khanna@emerson.com		Plot No. 23, Rajiv Gandhi Infotech Park, Phase -II , Hinjewadi		Pune	М	1H	411057		India				Approved	1	*	
Test user 1		TestUser1@in.com		Street no 123, Applewood		Nasik	М	laharashtra	313001		India				Pending	1	* ×	:

The system displays the Add or update user screen, showing the User Details tab:

User Details Sites Roles		
Name *	Test user 1	
Email *③	TestUser1@in.com	
Default Rights	None	•
Country *	India	
	Street no 123, Applewood	
Address		
State	Maharashtra	
City	Nasik	
Zip	313001	
Telephone		

Figure 19. Add or update user screen: User Details tab

2. Make required changes in the user details or roles and click **Save**. The system updates the user details.

4.1.3 Disabling a user

Use this function to disable a defined user temporarily. This does not remove the user from the system, but only hides it from the list of users but only restricts their access to the application.

To disable a user:

Click the × icon at the extreme right of a user's record (shown in *Figure 18. User record*). The system displays a confirmation screen:

igure 20. Disable Confir	mation screen		
	Confirmation	×	
	Do you want to disable the following user? Name : Test user 1		
	Yes No		

Figure 20. Disable Confirmation screen

2. Click **Yes** to confirm. The system hides the selected entry from the users' list.

Figure 21	gure 21. User record disabled										
Name	T Email	T Address	T City	T State	▼ Zip	T Country	Telephone	T DPL Approval Status	Actions		
Aditya Singh	aditya.singh@emerson.com	Plot No. 23, Rajiv Gandhi Infotech Park, Phase -II , Hinjewadi	Pune	MH	411057	India		Approved	X		
CustomerUser	kusha.khanna@emerson.com	Plot No. 23, Rajiv Gandhi Infotech Park, Phase -II , Hinjewadi	Pune	MH	411057	India		Approved			
Test user 1	TestUser1@in.com	Street no 123, Applewood	Nasik	Maharashtra	313001	India		Pending	1 ×		

Note

To re-enable the disabled user, see *Enabling a disabled user* below.

4.1.4 Enabling a disabled user

To re-enable a disabled user:

1. Select the Show Disabled Users option on the Administration screen:

Figure 22. Searching	users				
Name	Email	Address		City	
DPL Approval Status All	State	Zip	Country India	Telephone	
Show Disabled Users				Search 🝸 Clear All	7

- 2. Click Search. The disabled username reappears in the user list.
- Click the view icon in front of the username. The system displays a confirmation message.
- 4. Click **Yes** on the confirmation message the system displays. The system re-enables the username.

4.2 Managing sites

Sites (also called "assets") are physical/logical groupings where devices and/or products are located within an organization or business. For example, T&D Natural Gas Company might have two sites named either "Southeast Production Field" and "Western Production Field" or "Department 1" and "Department 2." Select names for your sites that are meaningful for your organization.

Use this function to create, edit, or disable sites. From the Administration tab's drop-down menu, click **Manage Sites**. The system displays a listing of defined sites:

D301958X012

November 2024

Figure 23. Site listing

🔎 Licensin	ig Tool								– 🗆 X
EMERSO	_{N.} Licensin	g T	ool					Welcor El	<u>ne - CustomerUser</u> MRRASDevelopment
I Orders	🛎 Licenses 📘	Devi	ces 🕂 🛱 Activation History	Transfer History	ø	Administration		Administratio	on> Manage Sites
Export 🖃	Create Site ♀							Hide Filters	• Show Filters
Site Name			Show Disat	oled Sites				Search	Clear All
Sito Namo		•	Description		•	Dofault Email	Emorron Impact Partners	Search	
EEEC_Pune		,	EEEC Pune Toms team		J	nikhil.sadalge@emerson.com	Development-ETS		
Pune						pranav.zope@emerson.com	Development-ETS		/ ×
								f	Page 1 of 1

4.2.1 Creating a new site

Use this function to create a new site and associate partner(s) to that site.

To create a new site:

1. Click **Create New Site** in the site listing. The system displays the Add or update site screen:

Figure 24. Creating a new si	te	
Add or Update Site		×
Name *	Emerson Impact Partners *	
Default Email *	Choose Partner(s)	+
Description		
	Save	Cancel

- 2. Enter the necessary details (the Name, Default Email, and Emerson Impact Partners fields are required). When any software product order is received on this site, the notification email will be received at this email address.
- 3. Select Emerson Impact Partners to associate with the site.

Figure 25. Selecting Impact Partners

Emerson Impact Partners *		
Choose Partner(s)	+	
5381, Sustaining-ETS	4	
ActivationTest		
Applied Control		
Caltrol		
Control Associates		
Control Southern		
Cornerstone Controls		٢

Note

Customers can associate more than one partner to its site. This means, one customer can have more than one partner as shown below. All those partners can manage the customer simultaneously.

Add or Update Site	9			
Name *	Site_test1	Emerson Impact Partners * Selected Items:		
Default Email *	Site_test1@in.com	Development-ETS		×
Description	Site for testing purpose	Education-RAS		×
		Development-ETS, Education-RA	S	+
			Save	Cancel

4. Click **Save**. The system adds the new site to the list of sites.

D301958X012

November 2024

Figure 27. Adding multiple Impact Partners

Site Name	Description	T	Default Email	Emerson Impact Partners		Actio	ns
EEEC_Pune	EEEC Pune Toms team		nikhil.sadalge@emerson.com	Development-ETS		1	×
Pune			pranav.zope@emerson.com	Development-ETS			×
Site_test1	Site created for testing		Site_test1@in.com	Development-ETS, Education-RAS		1	×

4.2.2 Editing a site

To edit a site:

Select a site from the list of sites and click the
 icon. The system displays the Add
 or Update site screen:

Add or Update Site	e		;
Name *	Site_test1	Emerson Impact Partners * Selected Items:	
Default Email *	Site_test1@in.com	Development-ETS	×
Description	Site created for testing		
		Development-ETS	+
		Sav	e Cancel

2. Make the required changes and click **Save**. The system updates the site details.

4.2.3 Disabling a site

When a site is disabled, site users or partners cannot-

- send products/devices to this site
- view the data from this site

To disable a site:

 Select a site to be disabled from the list of sites and click the x icon at the right of the site's listing. The system displays a confirmation screen:



2. Click **Yes** to confirm. The system hides the disabled site from the site listing but **does not** delete the site.

Note

To enable to disabled site, see *Enabling a disabled site* below.

4.2.4 Enabling a disabled site

To re-enable a disabled site:

1. Select the **Show Disabled Sites** option on the site listing screen:

Figure 30. Show disabled sites option

Export 🖻 Create Site ♀		Hide Filters	Show Filters
Site Name	Show Disabled Sites		
		Search	Clear All

- 2. Click **Search**. The system adds the names of all disabled sites to the site list.
- 3. Click the 🗸 icon in front of the site name followed by **Yes** on the confirmation

message that appears. The system adds the selected company back to the site listing as an enabled site.

November 2024

Section 5: Working with licenses

The **Licenses** tab lists all the product licenses available across all sites of the logged-in customer. elect the Licenses tab to display the product license listing screen:

iguı	re 31. Licens	es Listing									
P	Licensing Tool									-	□ ×
EM	ERSON Licer	sing Tool							Welcon	<u>me - Custon</u> MRRASDeve	<u>nerUser</u> elopment
ب (Orders 🔄 License	Devices 🕂 Activ	vation History	Transfer History	Adminis	tration					
Sele	ect Site All Sites	•									
Exp	ort 🖻 Transfer M	Iltiple 🧲 🔻						F	lide Filters	Show	w Filters
Lice	ense Name										
									Search	Clear	All
	License	Description			T	Available	T				
+	BQM20	Twenty Bulk Meter Runs	5			10					
+	BQM32	Thirty Two Bulk Meter R	luns			20					
+	FBN01	FBxNet Communication	S			10					
+	FBNOC	FB3000 Digital Net Oil O	Computer			9					
+	MTR01	One Meter Run				41					
+	PMENARDOV	Enardo Volume Calculat	ions for Produc	tionManager Equipme	nt	5					
										Page 1	of 1

Clicking **+** expands product license details and enables actions on the licenses as shown below:

igure 32. License details							
	License T	Description T	Available T				
+	BQM20	Twenty Bulk Meter Runs	10				
—	BQM32	Thirty Two Bulk Meter Runs	20				
	Site	T Available	Actions				
	Pune	20	< •				
+	FBN01	FBxNet Communications	→ To Site				
+	FBNOC	FB3000 Digital Net Oil Computer	9				
+	MTR01	One Meter Run	41				
+	PMENARDOV	Enardo Volume Calculations for ProductionManager Equipment	5				

All actions are described in the following sections:

...

. Transferring single product's license customer

Transferring multiple products' licenses to own site

Transferring single product's license to own site 5.1.1

Use this function to transfer a single product's license to another site owned by the same customer. To transfer a product license to another site:

1. Click + to expand the license details. Here, we have expanded the details of **FBN01**, which has 10 available licenses that belong to the **Pune** site.

Figure 33. Expanded license details								
	License	T	Description			T	Available	T
+	BQM20		Twenty Bulk Meter Runs				10	
+	BQM32		Thirty Two Bulk Meter Runs				20	
-	FBN01		FBxNet Communications				10	
	Site			T	Available	T	Actions	
	Pune				10		< •	

• and select **To Site** from the drop-down menu. The system displays the 2. Click Transfer selected license to own screen:

29

-			
Transfer selected license to	own site		– 🗆 ×
From Site - Pune			
То			
Site * Select Site	▼		
License	- FBN01		
License Description	- FBxNet Communications		
License available quantity i	n site - 10		
Quantity To Transfer	- 0 🔻 🔺		
Remarks			
- terrarite			
		Fransfer	Cancel

3. Select a site from the **To Site** drop-down list as shown below. This site receives the selected products (here, **Site_test1**).

Figure 35. To Sit	te selected screen	
	From Site - Pune	
	Site * Site_test1	

4. Click **•** or **•** to increase or decrease the quantity of license(s) to be transferred (here, two FBN01 licenses).

D301958X012 November 2024

igure 36. De	fining the Product to Transfer	
Transfer selected	license to own site	– 🗆 ×
From Site - Pune		
To Site * Site_te	st1 🔹	
License	- FBN01	
License Descript	ion - FBxNet Communications	
License available Quantity To Trar	e quantity in site - 10 Isfer - 2 🔻 🔺	
Remarks	Two licenses to be transfrerred from Pune site to Site_test1	
	Transfer	Cancel

Note

You cannot select more than the available quantity to transfer.

5. After selecting specific quantities of the required licenses, click **Transfer**. The system displays a confirmation screen:



6. Click **Yes** to confirm. The system transfers the specified licenses to the selected site as shown below:

Figu	igure 38. Licenses transferred								
—	FBN01	FBxNet Communications		10					
	Site	T	Available	Actions					
	Pune		8	< •					
	Site_test1		2	< •					

We can see the change in available quantities of the licenses with both sites. Two licenses from the **Pune** site are transferred to **Site_test1**.

Alternatively, you can also select the **Site_test1** site from the **Select Site** drop-down list and check the transferred licenses as shown below:

Figu	re 39.	Product li	censes tra	nsferre	ed to the s	elect	ed site			
Sele	ct Site	Site_test1		•						
Ехр	ort 🖻	Transfer Mu	ltiple 🧲 🔻							
Lice	ense Nar	ne								
	License	• T	Description					T	Available	T
I	FBN01		FBxNet Com	municatio	ns				2	
	Site					T	Available	T	Actions	
	Site_te	est1					2		< •	

5.1.2 Transferring multiple products' licenses to own site

Use this function to transfer multiple product licenses to another site owned by the same customer. To transfer product licenses to another site:

1. Click **Transfer Multiple <** and select **To Site** from the drop-down menu. The

system displays the Transfer multiple licenses to own site screen:

D301958X012

November 2024

ransfer multiple	icenses to own site		
From			
Site * Select S	ïte 🔻		
То			
Site * Select S	ïte 🔻		
License	T License Description	T Available	Quantity To Transfer
	I	I	1
Remarks			
Remarks			

2. Select sites in both the **From** and **To** drop-down lists as shown below. The licenses get transferred from one site to another (here, from **Pune** to **Site_test1**).

Figure 41. From and To Si	te Selected screen
- From	
Site *	Pune 💌
То	
Site *	Site_test1

3. Click ▲ or ▼ to increase or decrease the quantity of license(s) to be transferred (here, three **MTR01** and two **FBN01** licenses).

D301958X012

November 2024

Figure 42. Selecti	ng the licenses to transfer		
Transfer multiple licenses to	o own site		×
From Site * Pune	•		
Site * Site_test1	v		
l			
License T	License Description	▼ Available	Quantity To Transfer
BQM20	Twenty Bulk Meter Runs	10	0 🔻 🔺
BQM32	Thirty Two Bulk Meter Runs	20	0 🔻 🔺
FBN01	FBxNet Communications	8	2 🔻 🔺
MTR01	One Meter Run	41	3 🔻 🔺
PMENARDOV	Enardo Volume Calculations for ProductionManager Equipment	5	0 🔻 🔺
Remarks			
		Tran	sfer Cancel

Note

You cannot select more than the available quantity to transfer.

4. After selecting specific quantities of the licenses, click **Transfer**. The system displays a confirmation screen:

Figure 43. License transfer confirmation

Confirmat	tion	\times
?	Are you sure you want to transfer items From : 'Pune' To : 'Site_test1'?	
	Yes No	

5. Click **Yes** to confirm. The system transfers the specified licenses as shown below:

November 2024

Figu	re 44. Licenses	transferred		
-	FBN01	FBxNet Communications		10
	Site	T	Available	T Actions
	Pune		6	< •
	Site_test1		4	< •
+	FBNOC	FB3000 Digital Net Oil Computer		9
-	MTR01	One Meter Run		41
	Site	T	Available	T Actions
	Site_test1		3	< •
	Pune		38	< •

We can see the change in available quantities of the licenses with both sites. Two licenses of FBN01 and three licenses of MTR01 are transferred from **Pune** site to **Site_test1**.

Alternatively, you can also select the **Site_test1** site from the **Select Site** drop-down list and check the transferred licenses as shown below:

igui	<u> </u>	-ouuce nee								
Sele	ct Site	Site_test1		•						
Ехр	ort 🖻	Transfer Mu	ltiple < 🔻							
Lice	ense Nam	ne								
	License	Ţ	Description				T	Ava	ailable	T
+	FBN01		FBxNet Comn	nunicatio	ons			4		
+	MTR01		One Meter Ru	n				3		

Figure 45. Product licenses transferred to the selected site

D301958X012 November 2024

Section 6: Working with devices

Select the **Devices** tab to list all available devices and manage (add, transfer, download, and revoke) products for those devices.

Note

When shipped from manufacturing, each product has one CTL01 product installed. Add more products as appropriate.

Figure 46. Device listing	
🤌 Licensing Tool	– 🗆 ×
EMERSON Licensing Tool	Welcome - CustomerUser EMRRASDevelopment
Fr Orders S Licenses E Devices Fr Activation History Transfer History Administration	
Select Site All Sites	
Export 🖻 Transfer Multiple < 🔻	Hide Filters Show Filters
In Service Date From In Service Date To Device Serial Number License	Device Status Show License Status
	Search Y Clear All Y
In Service Date Y Device Serial Number Y Device Status Y Device Description Y	Site T Actions
+ 11/10/2023 P233602533 In Service	EEEC_Pune 💿 🗛 < 💌 📩
+ 08/28/2020 P20070007 In Service	Site_test1 💿 🗛 < 🔻 📩
+ 09/09/2019 P19080066 In Service	EEEC_Pune
H 4 <mark>1</mark> ▶ H	Page 1 of 1

Note

If the logged-in user ID does not have the necessary rights on the device(s) at a particular site, no action can be taken on that device. For example, the user cannot perform any actions on the **P19080066** device shown in the screen above. Rights on individual sites are governed by the site roles, as described in *Creating a new user*.

All device-related actions are described in the following sections:

- Adding a new license to a device
- Editing device description
- Transferring a device to own site

- Transferring multiple devices to own sites
- Downloading the device license file
- Revoking a product license

6.1.1 Adding a new license to a device

To add a new product to a device:

 Select a site from the drop-down list. The system filters records according to the selected site. For example, selecting **Site_test1** lists all the devices that belong to the **Site_test1** site, as shown below:

Figure 47. Devices filtered by site (Site_test1)

Select Site Site_test1				
Export 🖃 Transfer Multiple < 🔻				Hide Filters Show Filters
In Service Date From In Service Date To MM/dd/yyyy III MM/dd/yyyy III	Device Serial Number	License	Device Status In Service	Show License Status
In Service Date 🝸 Device Serial Number 🍸	Device Status 🝸 Device Description	▼ Site	▼ Actions	
+ 08/28/2020 P20070007	In Service	Site_test1	• •	A₂ < ▼ ±

2. Click + to display the details of the device (here, **P20070007**) as shown below:

Fig	igure 48. License details of device											
	In Service Date T	Dev	vice Serial Number	T	Device Status T	Device Description		T	Site		T	Actions
	08/28/2020	P20	070007		In Service				Site_test1			
	License	T	Description				T	Activated	Quantity	T		
	GSLQ4		Gas Calcs + Liquid	Calo	cs - includes 4 Mtr F	Runs (BQM04)		1				
	MTR01		One Meter Run					4				
	FBNOC		FB3000 Digital Net	Oil	Computer			1				
	SC04		FBxStation Control					1				
	CTL01		Base Control-PID,	Actio	on Blocks, Math Blo	cks, Effects		1				

In the image above, device **P20070007** has multiple activated licenses. We can activate more licenses for this device.

3. Click 😧 to activate more licenses for this device. The system displays the Add

license to device screen:

Add license to device					×
Device Serial Number	P20070007				
Company	EMRRASDevelop	ment			
Site	Sitetest1				
License	Device activated	Available	Quantity to a	ctivate	
FBN01	0	4	0	•	
MTR01	4	3	0	•	
	(Complete ac	tivation	Cancel	

Figure 49. Add license to device screen

4. Click or to increase or decrease the quantity of each license for the device. For example, in the screen below we have increased the quantities of the licenses FBN01 and MTR01 for activation:

November 2024

. Licenses to be Ad	lded to Device					
Add license to device						>
Device Serial Number	P20070007					
Company	EMRRASDevelop	ment				
Site	Sitetest1					
License	Device activated	Available	Quantity to	o ao	tiva	te
FBN01	0	4		2	•	
MTR01	4	3		1	▼	•
		Complete ac	tivation		Car	ncel

Note:

The system prevents you from selecting more than the available product quantity.

5. After selecting specific quantities of the required products, click **Complete Activation**. The system displays a confirmation screen:

Figure 51. Confirmation of activated licenses

Confirma	tion	\times
?	Are you sure you want to activate selected licenses on site Site_test1?	
	Yes No	

6. Click Yes. The system displays a message about successful activation and allows you to directly download the License file into your system.

D301958X012 November 2024

7. Now, the system activates the selected licenses and displays the increased activated quantities of the selected licenses as shown below:

Figure 52. Summary of activated products on device

-	08/28/2020	P20	070007 In Service		Site_test1		
	License	T	Description	T	Activated Quantity	T	
	GSLQ4		Gas Calcs + Liquid Calcs - includes 4 Mtr Runs (BQM04)		1		
	FBN01		FBxNet Communications		2		
	MTR01		One Meter Run		5		
	FBNOC		FB3000 Digital Net Oil Computer		1		
	SC04		FBxStation Control		1		
	CTL01		Base Control-PID, Action Blocks, Math Blocks, Effects		1		

6.1.2 Editing device description

To edit the description of a device:

1. Select a device from the list of devices and click the 🤌 icon. The system displays

the Edit device description screen:

Edit device descript	on	
Edit Device Description		×
Device Serial Number	P233602533	
Description		
	Save	Cancel

2. Make the required changes and click **Save**. The system updates the device details.

6.1.3 Transferring a device to own site



Important

Transferring devices requires **administrative** privileges.

Use this function to transfer a device to another site owned by the same customer. Any associated license transfers with the device when it is transferred from one site to another.

To transfer a device between sites:

- 1. Select a device from the list of available devices (here, device serial number P233602533).
- 2. The selected device currently belongs to the **EEC_Pune** site. Click to view the

transfer options:

Figure 54. Transfer options (To Site)

	In Service Date	T Device Serial Number	Device Status T	Device Description	Site T	Actions
H	11/10/2023	P233602533	In Service		EEEC_Pune	0 0 A/ < • ±
4	08/28/2020	P20070007	In Service		Site_test1	O Ay → To Site
+	09/09/2019	P19080066	In Service		EEEC_Pune	 O A₂ ✓

3. Select **To Site** option as shown above. The system displays the Transfer Device to Own Site screen:

Figure 55. Transfe	r selected device to own site screen		
Transfer selected device to	own site		×
- From Site - EEEC_Pune			
- To Site * Select Site	▼		
- Device Serial Number - P2336 Description -	02533 In Service Date - 11/10/2023	5:30 AM	
Activated License	License Description	Act	ivated Quantity
CTL01 BQM20 GSLQ4 Remarks	Base Control-PID, Action Blocks, Math Blocks, Effects Twenty Bulk Meter Runs Gas Calcs + Liquid Calcs - includes 4 Mtr Runs (BQM04)	1	
		Transfer	Cancel

- 4. The licenses belonging to the selected device by default appear as shown in the above screen.
- 5. Select a site from the **To Site** drop-down list (here, **Site_test1**). This is the site where the selected devices need to be transferred:



- 6. Add relevant descriptive remarks in the **Remarks** text box.
- 7. Click **Transfer**. The system displays a confirmation screen:

Figure 57. Confirm	ation			
	Confirmat	ion	\times	
	?	Are you sure you want to transfer items From : 'EEEC_Pune' To : 'Site_test1'?		
		Yes No		

8. Click **Yes**. The system transfers the selected device. (Here, device **P233602533**) is transferred from site **EEEC_Pune** to **Site_test1** as shown below.

F	igu	re 58. Transfe	rred device listing	1		
		In Service Date	Device Serial Number 🝸	Device Status Y Device Description	Site T	Actions
	+	11/10/2023	P233602533	In Service	Site_test1	$\bigcirc \ \bigcirc \ \land \land \checkmark \ \checkmark \ \checkmark \ \checkmark$
	+	08/28/2020	P20070007	In Service	Site_test1	$\bigcirc \ \bigcirc \ \land \checkmark \ \checkmark \ \checkmark \ \checkmark$
	+	09/09/2019	P19080066	In Service	EEEC_Pune	 ● A_i < ▼ ±

6.1.4 Transferring multiple devices to own sites

Use this function to transfer multiple devices from one site to another, both sites being owned by the same customer. To transfer devices between sites:

1. Click Transfer Multiple <

Transfer multiple licenses to own site screen:

- -

D301958X012

November 2024

Figure 59. Transfer multiple devices to	own site	
Transfer multiple devices to own site		×
From Site * Select Site To Site * Select Site		
Devices available in site	Devices selected for transfer	
Serial Number T Description	Serial Number Description	
Remarks	Transfer	

2. Select **From** and **To Site** from the list of available options.

Figure 60. Selected sites

From —		
Site *	EEEC_Pune	•
- To		
Site *	Site_test1	•

3. The devices belonging to the selected **From** site by default appear under **Devices available in site**.

Devices	s available in site			
	Serial Number	T	Description	
+	P19080066		,	
	_			

4. Select the device(s) to be transferred to the selected site, as shown below:

igure 6	52. D	evice	e selected for transfer		
	Devi	ces a	vailable in site		
			Serial Number	Description	T
	+	>	P19080066		
			-		

5. Click **>** icon. The selected device moves to the **Devices selected for transfer**

column, as shown below:

Figure 63. Transferred devices

Transfer	multiple device's to own site					×
- From Site *	EEEC_Pune	•				
To Site *	Site_test1	•		- Devices selected for transf	er	
	Serial Number	Description	T	Serial Number + P19080066	Description	<u></u>

- 6. Add relevant descriptive remarks in the **Remarks** text box.
- 7. Click **Transfer**. The system displays a confirmation screen:

Figure 64. Confirmation

Confirmat	tion	\times
?	Are you sure you want to transfer items From : 'EEEC_Pune' To : 'Site_test1'?	
	Yes No	

 Click Yes. The system transfers the selected device (Td5555-Test, Td12-7_Test, Td1234_Test) from site EEEC_Pune to Site_test1 as shown below.

FI	gure 65. Transfe	erred device listin	g		
	In Service Date 🔻	Device Serial Number T	Device Status T Device Description T	Site T	Actions
-	► 11/10/2023	P233602533	In Service	Site_test1	$\bigcirc \bigcirc \land \land \land \checkmark \checkmark \checkmark$
-	• 08/28/2020	P20070007	In Service	Site_test1	O ● A/ < ▼ ±
-	• 09/09/2019	P19080066	In Service	Site_test1	$\bigcirc \bigcirc $

6.1.5 Downloading the device license file

Use this functionality to download the device license file on your system.

Selecting the **Show License status** check box to view the current download status of the license file.

Fi	gure 66.Do	V	vnload devi	Ce	e licens	se																		
ln ∧	Service Date From		In Service Date To MM/dd/yyyy]	Device Seria	ial Nu	umber	License			Device Stat In Service	us	v		Show	/ Lice	ense Sta	atus		Lice All	nse Sta	atus		•
																			Se	arch	T		Clear All	Y.
	In Service Date	T	Device Serial Number	r 1	Device Status	T	Device Description		T	Site		T	License Status	٦	Act	tions								
+	09/12/2024		P2024120915	I	In Service					Partner site 1			Downloade	d		Ð	•	A⁄	 	•	<u>+</u>	-		
+	09/12/2024		P202412093	I	In Service					Partner site 1			Download Pen	ding		Ð	•	A ∕∕	<	•	+			
+	09/12/2024		P2024120913	I	In Service					Warehouse			Download Pen	ding		9	•	₽ _ℓ		•	<u>+</u>	-		

Any of the following statuses is possible -

- 1) **Downloaded** The file is already downloaded on the system.
- 2) Download pending The file is yet to be downloaded on the system
- 3) **Latest** The file has already been transferred to the device.

To download a license file:

1. Select a device from the list of devices and click the $(1 + 1)^{-1}$ icon.

F	igu	ure 67.Downloa	d device license			
		In Service Date	Device Serial Number 🔻	Device Status T Device Description	▼ Site	T Actions
	+	11/10/2023	P233602533	In Service	Site_test1	

The system displays the window to browse the location where the file needs to be saved.

2. Enter a meaningful name of the file and click Save.

Now, log in to the FBxConnect application to transfer this file to the required device.

For details, refer to the **FBxConnect help file**.

6.1.6 Revoking a product license

Use this function to revoke the activated product licenses of a selected device. The revoked quantity gets added to the device's available license quantity.

Scenarios that may require license revocation include:

- When a user wishes to transfer the licenses to alternate devices
- If a license was inadvertently assigned to the incorrect device
- In cases where the device is experiencing problems, necessitating the removal of its licenses so they can be reassigned to a different device.

To revoke a license:

1. Select a device from the list of available devices:

Figure 68. Device listing

	In Service Date 🔻	Device Serial Number	Device Status T Device Description T	Site T	Actions
+	11/10/2023	P233602533	In Service	Site_test1	$\bigcirc \bigcirc \bigcirc A_{i'} \lt \checkmark \checkmark$
+	08/28/2020	P20070007	In Service	Site_test1	● A ₂ ▲
+	09/09/2019	P19080066	In Service	Site_test1	O O A⁄ < ▼ ±

2. Click c to revoke the license of the selected device. System displays the Revoke license screen:

November 2024

e 69. Revoke license						
Revoke License						>
Device Serial Number	P19080066					
Company	EMRRASDevelopment					
Site	Site <u>t</u> est1					
Full Revoke						
License	Device activated	Quantity To R	evol	ke		
CTL01	1		0	▼		
BQM20	1		0	▼		
GSAL4	1		0	▼		
	Apply N	ew Quantity		Ca	ncel	

3. Click • or • to increase or decrease the quantity of licenses to be revoked.For example, one license of **GSAL4** needs to be revoked.

Notes

- You cannot select more than the available license quantity.
- To revoke all the licenses at once, select the **Full Revoke** check box. All the activated licenses appear in the **Quantity to Revoke** column.

70. Select quantity to	o revoke					
Revoke License						×
Device Serial Number	P19080066					
Company	EMRRASDevelopment					
Site	Sitetest1					
Full Revoke						
License	Device activated	Quantity To I	Revo	ke		
CTL01	1		0	▼		
BQM20	1		0	▼		
GSAL4	1		1	•		
	Apply N	ew Quantity		Са	ncel	

4. Click **Apply New Quantity** after specifying the quantity of licenses to revoke. The system displays a confirmation screen:

Figure 71.	Revocatio	on confirmation			
	Confirmat	ion		\times	
	?	Are you sure you want to Site_test1?	revoke the selected licenses on	site	
			Yes N	0	

5. Click **Yes** to confirm. The system displays a success message. Click **Download License File** to download the updated license file else click OK.

D301958X012

November 2024



6. The system revokes the specified number of licenses.

In the below image, we can see that after revoking the only license of GSAL4. It has been removed from the list of activated licenses.

Figure 73. Updated license list

-	09/09/2019	P19	080066 In Service		Site_test1		0	• A	~	•	<u>+</u>	
	License	T	Description	T	Activated Quantity	T						
	CTL01		Base Control-PID, Action Blocks, Math Blocks, Effects		1							
	BQM20		Twenty Bulk Meter Runs		1							

Section 7: Viewing the activations history

Use the **Activation History** tab to view the history of licenses already activated on a device. This tab is read-only.

Figure 74. Viewing the activations history

🔎 Licensing Tool									_ 0	×
EMERSON Licensing Tool							La Weld	<u>ome - C</u> EMRRAS	ustomerUse 5Developme	<u>er</u> .ent
ቹ Orders 🖹 Licenses 📑 Devices 👬 Activation Hist	ory 🖪 Transfer History	🖨 Ad	dministration							
Select Site All Sites										
Export 📼							Hide Filters		Show Filte	ers
Activation Date From Activation Date To D MM/dd/yyyyy III MM/dd/yyyyy IIII	evice Serial Number	Licens	e	Activa All	ation Type	Activ All	ated By ▼ Search		Clear All	
Activation Date T Device Serial Number T	Site	T	Server Content	Version T	Activated By	T	Activation Type T			
+ 09/10/2024 P19080066	Site_test1		1		CustomerUser		Revoke			
+ 09/10/2024 P20070007	Site_test1		1		CustomerUser		Activation			
+ 12/18/2023 P20070007	EEEC_Pune		0				Activation			
+ 11/10/2023 P233602533	EEEC_Pune		0				Activation			
+ 04/11/2022 P20070007	EEEC_Pune		0				Activation			
+ 08/28/2020 P20070007	EEEC_Pune		0				Activation			
+ 09/09/2019 P19080066	EEEC_Pune		0				Activation			
								Page	1 of	1

To view activation history details:

Click + to expand the details. The system displays a list of all the activated licenses corresponding to the selected device along with the available quantity of each license. An example screen is shown below:

_	igu	re /5. viewing	y un	e history of the a	ιcι	Ivation						
		Activation Date	T	Device Serial Number	T	Site		T	Server Content Version T	Activated By	T	Activation Type T
	+	09/10/2024		P19080066		Site_test1			1	CustomerUser		Revoke
	-	09/10/2024		P20070007		Site_test1			1	CustomerUser		Activation
		License	T	Description T	Q	uantity	T					
		FBN01		FBxNet Communications	2							
		MTR01		One Meter Run	1							

Figure 75. Viewing the history of the activation

Section 8: Viewing the transfer history

Use the **Transfer History** tab to view the details of transfers for the partner. It lists all line items with the product name, quantity, and remarks. Remarks are very useful for analysis purposes.

Figure 76. Transfer history

P Licensing	Tool												– 🗆 ×
	Licensing	g Tool											Welcome - CustomerUser EMRRASDevelopment
🐺 Orders	🛎 Licenses 📘	Devices + Activation	History 🖪 Transfe	er History 🖻 Administ	ration								
Export 🖻												H	lide Filters Show Filters
Transfer Date 07/10/2024	From T	ransfer Date To 09/10/2024	Order	PO#			Line#		License		Device Se	rial Number	Transferred By
Transfer Type All	•	By All	¥	Entity All	▼ All		•	To By A		▼ All	ty	▼ Site	¥
		(Search Clear All
<													>
		FROM		то									
Date 🔻	Transfer Type 🝸	Entity T	Site	T Entity T	Site	T	Order 🝸 PO#	T Line	# 🝸 License	▼ Quantity ▼	Device	Transferred By T	Remarks T
09/10/2024	Internal	EMRRASDevelopment	EEEC_Pune	EMRRASDevelopment	Site_test1				GSAL4	1	P19080066	CustomerUser	Transferring device to test site
09/10/2024	Internal	EMRRASDevelopment	EEEC_Pune	EMRRASDevelopment	Site_test1				BQM20	1	P19080066	CustomerUser	Transferring device to test site
09/10/2024	Internal	EMRRASDevelopment	EEEC_Pune	EMRRASDevelopment	Site_test1				CTL01	1	P19080066	CustomerUser	Transferring device to test site
09/10/2024	Internal	EMRRASDevelopment	EEEC_Pune	EMRRASDevelopment	Site_test1				GSLQ4	1	P233602533	CustomerUser	
09/10/2024	Internal	EMRRASDevelopment	EEEC_Pune	EMRRASDevelopment	Site_test1				BQM20	1	P233602533	CustomerUser	
09/10/2024	Internal	EMRRASDevelopment	EEEC_Pune	EMRRASDevelopment	Site_test1				CTL01	1	P233602533	CustomerUser	
09/10/2024	Internal	EMRRASDevelopment	Pune	EMRRASDevelopment	Site_test1				GSLQ4	1	P20070007	CustomerUser	
09/10/2024	Internal	EMRRASDevelopment	Pune	EMRRASDevelopment	Site_test1				FBNOC	1	P20070007	CustomerUser	
09/10/2024	Internal	EMRRASDevelopment	Pune	EMRRASDevelopment	Site_test1				SC04	1	P20070007	CustomerUser	
09/10/2024	External	Development-ETS	Warehouse	EMRRASDevelopment	EEEC_Pune				CTL01	1	P20070007	CustomerUser	
≪ 1	2 🕨 🕨												Page 1 of 2

The **Transferred by** column identifies who performed each transfer. Each line details the specifics of those transfers. For example, the screen above has two highlighted transfers:

- The first is an **Internal** transfer of one GSAL4 license, which is transferred from the **EEEC_Pune** site to the **Site_test1** site of the same customer. The product is transferred from one site to another, both of which were owned by the same customer.
- The second one is an **External** transfer of one CTL01 product, is transferred from the **Warehouse** site of **Development-ETS** to the site **EEECPune** of **EMREASDevelopment**. The product is transferred from a partner to a customer.

Additionally, you can use the filtering options on this listing to refine the display.

Section 9: Appendix A: Exporting data

Customers can export the data on most of the tabs in the application.

To export data:

- 1. Click **Export** on the extreme right under the available tabs.
- 2. Enter the **File name** and **Location**.
- 3. Click Save.
- 4. Navigate to the file location, open the CSV file, and review the entries. Additionally, you can export the data after applying filters based on your search criteria. When you do this, only the filtered content is included in the exported results.

Section 10: List of figures

Figure 1. Locating Emerson Field Tools	7
Figure 2. Launching Licensing Tool application	8
Figure 3. First-time Login	9
Figure 4. Resetting password	9
Figure 5. Scanning QR code for MFA	10
Figure 6. Entering the one-time code	11
Figure 7. Performing MFA by alternate method	12
Figure 8. Generating the one-time code	13
Figure 9. User Interface	14
Figure 10. Viewing orders	16
Figure 11. Viewing order details	16
Figure 12. Working with the Administration tab	17
Figure 13. Managing users	18
Figure 14. Searching users	18
Figure 15. Viewing filtered records	19
Figure 16. Add or update user screen	19
Figure 17. Add or update user: Sites Roles tab	20
Figure 18. User record	21
Figure 19. Add or update user screen: User Details tab	22
Figure 20. Disable Confirmation screen	22
Figure 21. User record disabled	23
Figure 22. Searching users	23
Figure 23. Site listing	24
Figure 24. Creating a new site	24
Figure 25. Selecting Impact Partners	25
Figure 26. Selecting multiple Impact Partners	25
Figure 27. Adding multiple Impact Partners	26
Figure 28. Add or Update Site screen	26
Figure 29. Confirmation of site disable	27
Figure 30. Show disabled sites option	27
Figure 31. Licenses Listing	28
Figure 32. License details	29
Figure 33. Expanded license details	29
Figure 34. Transfer selected license to own site	30
Figure 35. To Site selected screen	30
Figure 36. Defining the Product to Transfer	31
Figure 37. License transfer confirmation	31
Figure 38. Licenses transferred	32

Figure 39. Product licenses transferred to the selected site	32
Figure 40. Transfer multiple licenses to own site	33
Figure 41. From and To Site Selected screen	33
Figure 42. Selecting the licenses to transfer	34
Figure 43. License transfer confirmation	34
Figure 44. Licenses transferred	35
Figure 45. Product licenses transferred to the selected site	35
Figure 46. Device listing	36
Figure 47. Devices filtered by site (Site_test1)	37
Figure 48. License details of device	37
Figure 49. Add license to device screen	38
Figure 50. Licenses to be Added to Device	39
Figure 51. Confirmation of activated licenses	39
Figure 52. Summary of activated products on device	40
Figure 53. Edit device description	40
Figure 54. Transfer options (To Site)	41
Figure 55. Transfer selected device to own site screen	41
Figure 56. Site selected for transfer	42
Figure 57. Confirmation	42
Figure 58. Transferred device listing	42
Figure 59. Transfer multiple devices to own site	43
Figure 60. Selected sites	43
Figure 61. Devices available in site	43
Figure 62. Device selected for transfer	4.4
	44
Figure 63. Transferred devices	44 44
Figure 63. Transferred devices Figure 64. Confirmation	44 44 44
Figure 63. Transferred devices Figure 64. Confirmation Figure 65. Transferred device listing	44 44 44 45
Figure 63. Transferred devices Figure 64. Confirmation Figure 65. Transferred device listing Figure 66.Download device license	44 44 44 45 45
Figure 63. Transferred devices Figure 64. Confirmation Figure 65. Transferred device listing Figure 66.Download device license Figure 67.Download device license	44 44 45 45 45 45
Figure 63. Transferred devices Figure 64. Confirmation Figure 65. Transferred device listing Figure 66.Download device license Figure 67.Download device license Figure 68. Device listing	44 44 45 45 45 45
Figure 63. Transferred devices Figure 64. Confirmation Figure 65. Transferred device listing Figure 66.Download device license Figure 67.Download device license Figure 68. Device listing Figure 69. Revoke license	44 44 45 45 45 45 46 47
Figure 63. Transferred devices Figure 64. Confirmation Figure 65. Transferred device listing Figure 66.Download device license Figure 67.Download device license Figure 68. Device listing Figure 69. Revoke license Figure 70. Select quantity to revoke	44 44 45 45 45 45 46 47 48
Figure 63. Transferred devices Figure 64. Confirmation Figure 65. Transferred device listing Figure 66.Download device license Figure 67.Download device license Figure 68. Device listing Figure 69. Revoke license Figure 70. Select quantity to revoke Figure 71. Revocation confirmation	44 44 45 45 45 45 46 47 48 48
Figure 63. Transferred devices Figure 64. Confirmation Figure 65. Transferred device listing Figure 66.Download device license Figure 67.Download device license Figure 68. Device listing Figure 69. Revoke license Figure 70. Select quantity to revoke Figure 71. Revocation confirmation Figure 72. Revocation confirmation	44 44 45 45 45 45 46 47 48 48 49
Figure 63. Transferred devices Figure 64. Confirmation Figure 65. Transferred device listing Figure 66.Download device license Figure 67.Download device license Figure 68. Device listing Figure 69. Revoke license Figure 70. Select quantity to revoke Figure 71. Revocation confirmation Figure 72. Revocation confirmation Figure 73. Updated license list	44 44 45 45 45 45 45 45 45 45 48 48 49 49
Figure 63. Transferred devices Figure 64. Confirmation Figure 65. Transferred device listing Figure 66.Download device license Figure 67.Download device license Figure 68. Device listing Figure 69. Revoke license Figure 70. Select quantity to revoke Figure 71. Revocation confirmation Figure 72. Revocation confirmation Figure 73. Updated license list Figure 74. Viewing the activations history	44 44 45 45 45 45 45 48 48 48 49 50
Figure 63. Transferred devices Figure 64. Confirmation Figure 65. Transferred device listing Figure 66.Download device license Figure 67.Download device license Figure 68. Device listing Figure 69. Revoke license Figure 70. Select quantity to revoke Figure 71. Revocation confirmation Figure 72. Revocation confirmation Figure 73. Updated license list Figure 74. Viewing the activations history Figure 75. Viewing the history of the activation	44 44 45 45 45 45 45 45 45 48 48 48 48 49 50 50

D301958X012 November 2024

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