

SenzMatica AloT Platform

User Manual

Onboarding devices to the SenzMatica platform

To onboard a device, follow these steps:

• Login to our SenzMatica platform where the Setup Senzmatica module will be prominently displayed upon login as follows.

SenzMatica			SUPER ADMIN
Setup SenzMatica	Welcome to SenzMatica AIoT Platform! Create opportunities for growth To help you get storted quickly, follow these simple steps.		
Devices Product Types	System Preparation		0
C Kit Kit Model R Remote Manager O OTA Manager β' Device Connectivity U Transcoding	Step 01 Pending Define Product Types Begin by defining a product to organize your devices effectively Cet thornal	Step 02 Connect Test Devices Specify unique device types and their configurations for streamline management	Pending
	Step 03 Pending Connect with the User Application Connect your devices to the application for seamless integration and monitoring Connect your devices to the application for seamless integration and monitoring Cert taread	Step 04 User Management System [Optional] Set privileges for user roles to manage user access through privileges	Pending_
	Step 05 Pending. ML Core [Optional]		

Step 1 - Define product type

• Before onboarding a device, you must first define the product type. To do this, click the **'Get Started'** button to specify the type of device.



SenzMatica		
Setup SenzMatica	Welcome to SenzMatica AIoT Platform! Create opportunities for growth To help you get started quickly, follow these simple steps,	
 Devices Product Types 	System Preparation	$\hat{}$
Kit Kit Model Remote Manager OTA Manager OTA Manager Device Connectivity Transcorting	Rep 0 Pending_ Exep 02 Pending_ Define Product Types Connect Test Devices Begin by defining a product to organize your devices effectively Specify unique device types and their configurations for streamline management	
,	Step 03 Pending_ Step 04 Pending_ Connect with the User Application User Management System [Optional] Step 10 User Management System [Optional] Connect your devices to the application for seamless integration and monitoring Set privileges for user roles to manage user access through privileges	
	Get Storted Cet St	
	ML Core [Optional]	

 Next, you will see a page where you need to fill in the required details. The fields for product name, sensors, connectivity, protocol, and persistence are mandatory and must be completed.

SenzMatica				SUPER ADMIN 🕑
Setup SenzMatica		Step 01		
B Dashboard		Define Product Type		
Devices				
Product Types	Product Name*	Add Product Name		
Et Kit	Sensors*			
Kit Model		No S	iensor Added	
Remote Manager		Add Sensors	~	
FF OTA Manager	Actuators			
♂ Device Connectivity		No Ac	ctuator Added	
Transcoding		Add Actuators	~	
	Connectivity*	Select Connection	~	
	Protocol*	Select Protocol	~	
	Persistence* 😗	○ True ○ False		
	OTA Upgradable			
	Remotely Configurable			
	Transcoding			
		Add Another Draduat		
		Add Another Froudet		
			BACK SAVE	
l				

• OTA upgradable and Remotely Configurable are optional. If your product is OTA upgradable or remotely configurable, and if you wish to do OTA upgrades or configurations remotely via this system you will need to enable the relevant toggle buttons.



• When the OTA upgradable toggle button is enabled, you need to add the data format.

SenzMatica		
Setup SenzMatica	Step 01	
8 Dashboard	Define Product Type	
Devices		
Product Types Product Name*	Add Product Name	
C Kit Sensors*	No Sensor Added	
Kit Model	Add Sensors	
Remote Manager		
OTA Monoger Actuators	No Actuator Added	
S Device Connectivity	Add Actuators	
() Transcoding		
Connectivity.	select Connection	
Protocol*	Select Protocol V	-
Persistence* 🕐	○ True ○ False	
OTA Upgradable		
Remotely Configurable		
Data Format* :	Select Data Format	-
Transcoding		
	Add Another Product	
	BACK SAVE	

• When the Remotely configurable toggle button is enabled, you need to fill the following fields to add parameters.

	SenzMatica				SUPER ADMIN
		Step 01			
		Define Product Type			
0+	Davicas				
Ŷ	Brack ust Tumper	Product Name* And Product Name			
	Product Types	Add Parameter	×		
5	Kit				
	Kit Model	Network & Communication	^	~	
គ	Remote Manager				
۲	OTA Manager		+ ADD		
ø	Device Connectivity				
0	Transcoding	Topic Format & Interval	^	Ň	
			+ ADD	~	
				×	
		Manage Council	^		
		messaña i Annar			
			+ ADD		
		CANGEL	DUNE	×	
		Transcoding			
		Add Another Product			
			BACK	SAVE	

• Then click the **Add** button there and fill in the necessary details(Name,ID,Input type,Data format, Default value and Join parameter) relevant to those configurable parameters under each section(Network and Communication, Topic format, and Interval and Message format).



SenzMatica			SUPER ADMIN
		Step (I)	
🚔 Setup SenzMatica			
8° Dashboard		Define Product Type	
Devices			
Product Types	Product Name*		
C Kit	Sensors*	No Sensor Added	
E Kit Model	Add Parameter	×	
🛱 Remote Manager		×	
OTA Manager	Parameter name*	Parameter ID*	
S Device Connectivity		and the second se	
() Transcoding	Input Type*	Data format*	
	Select input Type	Select Format Type	
	Default Value* 🕐	Join Parameter	
		· ·	
		CANCEL	
	Remotely Configurable		
	Data Format* :	Select Data Format	
	Transcoding		
		Add Another Product	
		BACK	
	-		

Transcoding (encoding/decoding) is optional in this system. Data decoding converts encoded data back into a readable original format that can be understood by the device or our SenzMatica system. Data encoding converts data collected from the device into a structured format that can be easily transmitted to our SenzMatica Platform. To link a product with a codec, first enable the toggle button. You have two options: select an existing codec file via the 'Select Codec Method' tab or create a new codec file using the 'Create Codec' tab

SenzMatica		
Setup SentMatica	Define Product Type	
8° Dashboard		
Devices Product Name*	Add Product Name	
roduct Types Sensors*	No Deserv	- Added
Kit	NO Series	or Added
Kit Model	Add Sensors	~
Remote Manager Actuators	No Acture	tor Added
OTA Manager		
9 Device Connectivity	Add Actuators	~
Transcoding Connectivity*	Select Connection	~
Protocol*	Select Protocol	~
	0.0.0.0	
Persistence* 🕥	() True () False	
OTA Upgradable		
Remotely Configurable		
Transcoding		
	R SELECT CODEC METHOD	CREATE CODEC
	Select Codec	~
	Add Another Product	
	0	
		BACK SAVE



• When selecting the '**Create Codec**' option, you can upload script files for either the encoder or decoder as needed. Begin by providing a name and selecting the data format, then upload the script file and click the '**ADD**' button (How to create a script file)

Serup Serut Malca Remotely Configurable	
Pathbord Transcoding	
Devices Ky SILICTCODEC MEHAD Ky SILICTCODEC	
Product types Codec Name	
C Kit Enter codec name	
C Kit Model Data Format	
Remote Manager O JSON O HEX	
E O'TA Monoger Encoder ©	
6 ² Device Connectivity	
I Transcoding	
Drog & Orop the Script or Select the file from device	
Decoder ()	
Drog & Drop the Script	
OF SPIRAL UNIT MATCH	
CANCEL ADD	
Abd Another Product	
BACK SAVE	

• If the product type is added successfully, a confirmation message will appear indicating that the product type has been created and if you need to add another product you can click the **"Add Another Product Type"** button and follow the same process.



Senz	zMatica	st	IPER ADMIN 🕑
Setup B Dashb	p SenzMatica	Welcome to SenzMatica AIoT Platformi Create opportunities for growth To help you get storted quickly, follow these simple steps,	
Produ	luct Types	System Preparation	
L' Kit 문 Kit Ma 유 Rema 요 OTA M ダ Devic	todel lote Manager Manager ce Connectivity coding	Step 01 Completed Step 02 Pending Define Product Types Connect Test Devices Pending Begin by defining a product to organize your devices effectively Specify unique device types and their configurations for streamline management It dats Another Product Specify unique device types and their configurations for streamline management	
		Step 03 Pending_ Step 04 Pending_ Connect with the User Application User Management System [Optional] For the opplication of monitoring Connect your devices to the application of monitoring Step privileges for user roles to manage user access through privileges	
		Get Storted	
		Step 05 Pending	
		ML Core [Optional] Get Started	

Step 2 - Connect Test Devices

• After defining the product type, step 2 will be enabled. You can then click the **'Get Started'** button to navigate to that page.



SenzMatica		SUPER ADMIN
Setup SenzMatica	Welcome to SenzMatica AIoT Platform! Create opportunities for growth To help you get started quickly, follow these simple steps,	
 Devices Product Types 	System Preparation	0
🗅 Kit 🗄 Kit Model	Step 01 Completed Step 02	Pending
育 Remote Manager 回 OTA Manager ダ Device Connectivity	Define Product Types Connect Test Devices Begin by defining a product to arganize your devices effectively Specify unique device types and their configurations for streamline manners	sgement
() Transcoding	Add Angheir Product	Get Storted
	Connect with the User Application User Management System [Optional]	Penaing 🗸
	Connect your devices to the application for seamless integration and monitoring Set privileges for user roles to manage user access through privileges Out Stand	Get Storted
	Step 06 Pending.	
	ML Core [Optional]	
	Get Storted	

• On this page, you need to fill in the device name, device ID, product type, protocol, and interval fields to proceed.

V DEVICE MANAGEMENT		SUPER ADMIN 😒
	Step 02	
	Connect Test Devices	
OT Connect Device	02 03 Device Data API Call	
Device Name* :	Enter Device Name	
Device ID (IMEI)* :	Enter ID (ME)	
Product Type* :	Select Product Type	
Protocol* :		
Interval* :	Enter Interval	
Batch :	Select Batch Number	
	CANCEL	

• There, you can add the necessary details and select the predefined product type. If the product type is associated with a specific protocol, you will need to add the corresponding credentials as well. For example, if it is connected to the HTTP/s protocol, you will need to provide the Client ID, Client Secret, and Grant Type, as shown below.



SenztMatica		
Cature Cantiloging	Step 02	
Dolbhowri	Connect Test Devices	
Devices		
Product Types		
10		
Kit Model	Connect Device Data	API Coll
Remote Manager		
Davice Name*	Enter Device Norme	
Device Connectivity Device ID (IME)*	Enter ID (MID)	
Transcoding		
Product Type*	per las second	
Protocol*	ИТР	
	Client ID	
	Enter Client ID	
	Client Secret	Grant Type
	Enter Client Secret	Client Credentials
	CLEAR	ADD
Interval (minutes)*	Enter interval	
Auto	folget fields to asket	
Batch	Devent Botton Warniber	· · · · · · · · · · · · · · · · · · ·
		CANCEL NEXT

• For Grant type, **Client Credentials** option is automatically selected and then click **Add**.

SenzMatica			SUPER ADMIN 😒
	Step 02		
	Connect Test Devices		
0) Connect Beek	es Device Data	03 API Coli	
Device Name*	Enter Device Name		
Device ID (IMEI)*	Enter ID (IMEI)		
Product Type*	panic button	~	
Protocol*	нттр		
	Client ID		
	Enter Client ID		
	Client Secret Enter Client Secret	Grant Type Client Credentials	
	CLEAR	ADD	
	L		
Interval (minutes)*	Enter Interval		
Batch	Select Batch Number	~	
		CANCEL	



• It will create an access key there. You can copy that to connect the device properly to this platform.

SenzMatica					SUPER ADMIN 😒
Setup SerzMotico		Step 02			
2 Doshboard		Connect Test Devices			
Devices					
Product Types					
D Kit		(m)			
R Kit Model	Connect David	Device Deta	API Coll		
一 Remote Monoger					
ED OTA Monoger	Device Name*	Enter Device Nome			
	Device ID (IME)*	Enter ID (MED)			
Transcoding					
	Product Type*	panic button	Ť		
	Braterol*	Lurra.			
	110000				
		test			
		Client Secret	Grant Type		
		test	Client Credention		
		Access Key			
		099/300-9009-430-9080-8000/34340%			
			HNISH		
	Interval (minutes)*	Enter Interval			
	Botch	Galact Britch Number			
	MARKIT 1				
			CANCEL NEXT		
				© 0	edentials Generated Successfully X

• If the device is connected to the MQTT protocol you need to add Client ID, Username, Password, Subscribe ACL, and public ACL as shown below.

SenzMatica				
Setup SeruMotico		Step 02		
80 Doshboard		Connect Test Devices		
Devices				
Product Types				
C vit				
Kit Model		Connect Devices Device Deto	API Coll	
育 Remote Manager				
I OTA Monoger	Device Name*	Enter Device Nome		
<i>β</i> ^f Device Connectivity	Device ID (IMEI)*	Enter ID (MD)		
() Transcoding		1ex1234	~	~
	Product Type*			
	Protocol*	MQTT		
		Client ID		
		Enter Client ID		
		Username	Password	
		Publish Acl ()	Subscribe Acl ()	-
		Enter Publish ACL	Enter Bubscribe ACL	
		CLEAR	A00	
	Internal (minuter)	Polary Induced		
	interval (minates)*			
	Batch	Select Batch Number	~	
			00007	
			CANCEL	



• After generating credentials for any of the protocols, if you need to edit the credentials, you can click this **Edit** icon and edit those credentials.

DEVICE MANAGEMENT		SUPER ADMIN 😒
📤 Setup SenzMatica		Step 02
O Devices		Connect Test Devices
Product Types		
S Device Connectivity	(01)	(02) (03)
() Transcoding	Connect Devices	Device Data API Call
	Device Name* :	er Device Name
	Device ID (IMEI)* :	er ID (MB)
	Displayer	31_Plant v
	Product Type::	0
	Protocol* : MC	
	Interval* : Ent	er Interval
	Batch : Sel	ect Batch Number
		CANCEL

• After filling all the details click **Next.** There you can load the data.



V DEVICE MANAGEMENT		SUPER ADMIN 😔
	Connect Test Devices	
OT Connect Devices	03 General Cost	
Device Name:	QA_Digi_piant_Test	
Device ID(IMEI):	QA_Digi_plant_Test	
Product Types:	DigPlantTest	
	Temperature Humidity Moleture Deep Battery Light Soil Poser Internality Internality Internality Signal Internality Temperature Status Temperature Strength Analog Vit Temperature Strength	
	Date Time Data	
	2024-05-17 09:5100 -48.85	
	2024-05-17 09:53:00 -46:85	
	2024-05-17 08:55:00 -46:85	
	2024-05-17 09:57:00 -46.85	
	2024-06-17 09:59:00 -46:85	
	BACK NEXT	

 To view the direct API, Click **next**. It will navigate to the following page.
 There click **GO to Swagger**, then it will navigate to the exact API in Swagger.

V DEVICE MANAGEMENT	<
Step 02	
Connect Test Devices	
01 02 03 Convect Devices Device Data An Call	
https://agrasenamote.com/dev/swagger-si.htmi#/core-op/getDeviceUsing6ET Go to Swagger →	
BACK DONE	



 Click **Done** on the above page, it will navigate to the main overview and it will show as follows with the "completed" status. As well if any user needs to "Add Another Device" button and follow the same process.

SenzMatica		SUPER ADMIN
Setup SenzMatica	Welcome to SenzMatica AIoT Platform1 Create opportunities for growth To help you get started quickly, follow these simple steps,	
 Devices Product Types 	System Preparation	
🖺 Kit	Step 01 Completed Step 02 Completed	
育 Remote Manager G OTA Manager ダ Device Connectivity (単 Transcoding	Define Product Types Connect Test Devices Begin by defining a product to organize your devices effectively Specify unique device types and their configurations for streamline monoparment. Add Another Product Add Another Product	1
	Etep 03 Pending Step 04 Pending_	5
	Connect with the User Application User Management System [Optional] Connect your devices to the application for seamless integration and monitoring Set privileges for user roles to manage user access through privileges Cert stand Cert stand	
	Step 05 Pending.	
	Oet Stoured Mir cone (obtained)	

Step 3 - Connect with the user application

• This step will be enabled after you completed the second steps. To connect with the user application , click **Get started** in step 3.



SenzMatica		SUPER ADMIN
Setup SenzMatica	Welcome to SenzMatica AIoT Platform! Create opportunities for growth To help you get storted quickly, follow these simple steps,	
Devices Product Types	System Preparation	•
L' Kit	Step 01 Completed Step 02 Completed	
유 Remote Manager CTA Manager S Device Connectivity It Transcoding	Define Product Types Connect Test Devices Begin by defining a product to organize your devices effectively Specify unique device types and their configurations for streamline management	
	Step 03 Pending_ Step 04 Pending_	
	Connect with the User Application User Management System [Optional] Connect your devices to the application for seamless integration and examinations Set privileges for user roles to manage user access through privileges	
	Bet Stored Step 05 Pending	
	ML Core [Optional]	
	Get Storted	

• Then you can see the following page.

SenzMatica				SUPER ADMIN 😒
Setup SenziMatica	Connect	Step 03 with the User Application		
Product Types Kit Kit Model			Learn more Ø	
Remote Manager Ξ OTA Manager Ø ^f Device Connectivity (μ Transcading	Direct AM	KRI Model Based API		
			BACK	

There are two methods you can use with your user application.

- 1. Through direct API
- 2. Through Kit model based API

Method 1 - Through direct API



• You can add the API and then click **Go to Swagger**, it will redirect to swagger account.

SenzMatica		SUPER ADMIN 😒
Saturi SanztAntion	Step 03	
29 Dashboard	Connect with the User Application [Direct API]	
Ø Devices		
Product Types		
[ћ Kit		
E Kit Model		
🛱 Remote Manager	agro.senzmate.com/dev/core/dev/ce/UK_SIVA_MOCK/getAIIDirectData	
OTA Manager	Go to Swagger-	÷
🖉 Device Connectivity		
() Transcoding		
	Back	1

Method 2 - Through Kit model based API

- 1. What is Kit model based theory? \Xi Kit and kit model
- If you go with Kit model based API option, first you need to define the kit model. For that you can create a new model or select an existing kit model.

SenzMatica	SUPER ADMIN 🌚
Setup SenzMatica	Step 03
B [®] Dashboard	Connect with the User Application [kit Model Based AP]
Devices	Mop Device To Applications
Product Types	
[ħ Kit	
E Kit Model	Denne KL Moole* Moopee Device* Singler*
育 Remote Manager	Create New Kit Model Select Existing kit Model
OTA Manager	
S Device Connectivity	BACK
(I Transcoding	



• When you choose the option of **Select existing kit model**, you can see all the available kit models in the dropdown as follows.

SenzMatica	Super Admin 👳
🛕 Setup SenzMatica	Step 03
B Dashboard	Connect with the User Application [uit Model Based AP]
Devices	Map Device To Applications
Product Types	
🕒 Kit	
Kit Model	Et model Selection* Mapped Davids* Swagger*
育 Remote Manager	C Create New Kit Model Select Existing Kit Model
OTA Manager	
${\cal S}$ Device Connectivity	Select fit Model
() Transcoding	
	BACK NCKT

 If you wish to choose the Create new kit model option, you will see the form as follows. After filling the required fields and necessary fields you can click Create button.

SenzMatica			SUPER ADMIN 😔
🛔 Setup SeraMatica		Step 03	
92 Doshboord		Connect with the User Application [Kit Model Based API]	
ft Devices		Mop Device To Applications	
E Product Types	\sim		
0.0	(o) -	(02) (03)	
E Kit Model	Create Kit Model*	Mapped Device* Swogger*	
Remote Monoper			
OTA Monoger	Nome*	Enter Kit Model Nome	
∯ Device Connectivity	Sensors*		
Transcoding		No Sensor Added	
		Add Bensors V	
	Bronertu*		
	i operiy	No Property Added	
		Add Property	
	Actuator	No Actuator Added	
		Add Actuator V	
	Action	The Action Added	
		Add Actions v	
	Options	TER-OF-THE V	
	LPS	0	
	GPS		
	battery		
		Cancel Crede Model	



• If the kit model is created successfully ,you will see the success message as follows.

SenzMatica			
Setup SeraMotico		Step 03	
80 Doshboord		Connect with the User Application [Kit Model Based API]	
Devices		Map Device To Applications	
E Product Types		\bigcirc	
C vit	01	(22 (03)	
Kit Model	Create Kit Model*	Mapped Device" Swogger"	
P Remote Manager			
D OTA Monoger	Kit ID*	Ender KR D	
Ø Device Connectivity	Kit Name*	Enter Kit Norre	
() Transcoding	Kit Model*	TelDOMode/23	
		Virue Kit Model	
	Alert Level* ①	Enter ALert Level	
	interval	Enter Interval	
	Devices*		
	Lie vices	No Devices Added	
		AUD DAVIES	
	Persistence	True O False	
	Maintenance	🔿 True 🔞 False	
	Input Method	Device	
	takanan Online		
	Advance Option	V	
	Add Another Kit		
		CANCEL	
		V71406.6	

• Then you will redirect to second sub section, **Mapped Device.** There you will see the following screen and you need to fill the required and necessary fields.Here you can select the devices which you need to connect with the kit model.



SenzMatica		SUPER ADMI
		Step 03
Setup serumatica		Connect with the User Application [Kit Model Based API]
Devices		Mop Device To Applications
Product Types		\sim
<u>п</u> на	- (a)	(o2) (o3)
E Kit Model	Create Kit Model*	Mapped Device* Decoger*
Remote Manager		
D OTA Monoger	Kit ID*	Enter KR ID
Ø Device Connectivity	Kit Nome*	Enter KE Nome
Transcoding	Kit Model*	Tell20x05el23
		Mere Without
	Alert Level* ()	Ender Adert Level
	interval	trate interval
	Devices*	
		No Devices Added
		AUL UNION
	Persistence (True False
	Maintenance	🔿 True 🔞 False
	Input Method	Device v
	Advance Parlian	
	availue opion	
	Property Mapping	1 Hunidiy1
	Shift Mapping	1 Humiday 1 Exercise
	l	
	Add Another Kit	
		CANCEL NEXT

• If you need to view the details of selected kit model, you need to click **View kit model** option , then you can see the details as follows.

zMatica		
e Frent Intine		Step 03
1		Connect with the User Application [Kit Model Based API]
085		Mop Device To Applications
juct Types		\sim
a	- •	(02) (03)
odel	Create Xit Model*	Mapped Device* Swagger*
e Manager		
iger	Kit ID*	Enter KI, D
vice Connectivity	Kit Nome*	Enter Kit Norme
scoding	Kit Model*	TestKiModefi23
		View Kit Made
	Alert Level* ①	Enter ALert Level
	interval	Enter interval
	Devices*	
		No Devices Added
		Add Devices
	Persistence	True False
	Melanana	
	Mananana	Unite V rate
	Input Method	Device V
	Advance Option	^
	Property Mapping	1 Humidav 1
		. in
	shit Mapping	1 Humidity 1
	Add Another Kit	
		CANCEL





Step 4 - User Management System (Optional)

This step will be enabled after you complete all the three steps. This step is an optional one. If you wish to add users for specific user roles with privileges you need to follow this step.

• Click Get started button in the following screen.



SenzMatica			SUPER ADMIN
Setup SenzMatica	Welcome to SenzMatica AIoT Platform! Create opportunities for growth To help you get started quickly, follow these simple steps,		
Product Types	System Preparation		\bigcirc
C Kit Kit Model R Remote Manager O OTA Manager β ² Device Connectivity () Transcoding	Step 01 Completed Define Product Types Begin by defining a product to organize your devices effectively Add another Product Add another Product	Step 02 Completed Connect Test Devices Specify unique device types and their configurations for streamline management Add Another Device	
	Step 03 Completed Connect with the User Application Connect your devices to the application for seamless integration and monitoring Add Another Application	Step 04 Pending User Management System [Optional] Set privileges for user roles to manage user occess through privileges Det thores	
	Step 05 Pending. ML Core [Optional]		- it

• Then you can see the following two options.Before adding a user ,you need to define the user role first. For that select the **Add User Role** option below. If you already created the user role then you can add users for that specific user role. To add a user ,select the **Add User** option.

SenzMatica		
	Step 04	
	User Management System [Optional]	
	Add User Role Add User	
		BACK

To define a user role,



• Select the **Add User Role** option, you will see the following page. To define a user role you need to add a ID,role name,description and you need to select one or many privileges as you wish.(Description is not a required field)

SenzMatica				SUPER ADMIN
	User	Step 04 Management System [Optional]		
		Add User Role		
Enter ID	Enter Role Name		Enter Description	
Privileges				~
Add Another Role				
				CANCEL

• Click the dropdown icon of Privileges ,there you can see all the existing high privileges and sub privileges .If you need to edit or delete high or sub privileges ,click those necessary icons as shown below.

SenzMatica					
		Step 04 User Management System [Optio Add User Role	nal]		
Enter ID	Enter R	ole Name	Enter Description		
Search Q.		ctions		Edit	Add High Privilege
Settings					
Cash Flow	C READ			Delete	≥ + ~
Scouting				View sub privilges	2 💼 + 🗸
Smart Farm	READ				2 💼 + 🗸
Bird View					☑ 🛍 +



• After clicking the drop down icon to view the sub privileges, it will show as follows and if you need to edit, delete of add sub privileges, click the necessary icons.

SenzMatica				SUPER ADMIN 😔	
Privileges				· •	l
Search Q				Add High Privliege	
Privilages		Actions			
Settings				2 🔋 + 🔿	
System				Add sub privilges 🖉 🝵 + 🔨	
Crop-Agronomy	READ	EDIT	DELETE	Edit E a +	
Crop-Agronomy-Cms	READ			Delete B 🕆 +	
Eeee	delete			e 🖞 +	
Crop-Agronomy	READ	EDIT	DELETE	2 🗇 +	
Crop-Agronomy-Cms	READ			2 🕲 +	
Eeee Eeee	delete			2 🕲 +	
Corporate	READ			2 🝵 + 👻	

• When selecting privileges you can select an existing privileges or if you wish to create a new privilege, click **Add High Priviledge** and then you will see the following popup. Add relevant details and click the **Add** button.Then it will be displayed under high privileges list.Finally you can select the necessary privilege and add user roles accordingly.

SenzMatica		
	Step 0:4 User Management System [Optional]	
Enter ID	Add User Role Enter Role Name Enter Description	
td is required	Add High Privilege ×	
Privileges	Enter Privilege Name	Add High Philage
Privilages	select Actions	
Settings		区 🗎 + 🗸
Cash Flow		2 🕯 + 🗸
Scouting	CANCEL	☑ 前 + ∨
Smart Farm		🗹 🖨 + 🗸
Bird View		区 🗄 🕂
CCCO READ		2 💼 + 🗸
Sss		C 💼 +



• If you need to define sub privileges , click the Plus button as shown below.

SenzMatica				SUPER ADMIN 🕑
Privileges				· · ·
Search Q				Add High Philage
Privilages		Actions		
Settings				
Cash Flow	READ			⁴ ⁵ ⁶ ⁶ ⁶ ⁶ ⁷ ⁷ ⁷ ⁶ ⁶ ⁶ ⁷
Scouting				🗷 😫 + 🗸
Smart Farm	C READ			🗷 💼 + 🗸
Bird View				図 🝵 +
Cco	READ			🗷 🝵 + 🗸
Sss				🗵 🍵 +
□ Jkvl				逐會 + ~
Testselect	Add	Delete	Update	🗷 🝵 + 🗸
Testreg	READ	ADD	DELETE	2 😨 + 🗸

• Then you will see the following screen. Then fill the relevant details and click **Add** button. It will be added under high privildge.

SenzMatica			
Privileges			v
Search Q			Add High Privilege
		A.	
Settings		Add Child Privilege	國會 + ^
System		Enter Privilege Name	🛙 🍵 + 🎽
Corporate	READ	Enter Description	🛙 🝵 + 🎽
Farm	READ EDI	Select Actions	C 🕆 + 🖌
E Fff			2 💼 +
Cash Flow	READ		2 🗇 + 🗸
Scouting		CANCEL	2 📾 + 🗸
Smart Farm	READ		🖻 💼 🕂 🗸
Bird View			图 🕆 +
Cco	C READ		🗹 🍵 + 🗸



• After filling and choosing all the relevant details to create a user role, you can click the Add button at the bottom of the page.

To add a user for a specific user role,

SenzMatica			
	Step User Management	System [Optional]	
	O_a	C+	
	Add User Role	Add User	
		BACK	

• Click **Add user** option in below screen.

• You will redirect to the following page, there fill the relevant details and click **Create User** button.



	Step 04		
	Add Users		
Name*	Enter Your Name		
Emoil*	Enter Your Email		
Mobile*	Enter Your Mobile Number		
Role*	HirunaTest (17)	~	
User References*	Select References	~	
Advance Option		^	
Username*	Enter Your Username		
Password*	Enter Your Password	0	
Confirm Password*	Please Confirm Your Password	0	
Add Another User			
		CANCEL CREATE USER	

 If the user creation process is successful, a success message will be displayed as shown below. The newly created user can then log into the system using the provided credentials. Upon logging in, they will have access to specific features based on their defined privileges.

SenzMatica		SUPER ADMIN 🔍
	Step 04	
	User Management System [Optional]	
	Add Users	
Name*	Enter Your Name	
Emoil*	Enter Your Email	
Mobile*	Enter Your Mobile Number	
Role*	mhjnyf khithj (35)	~
User References*	Select References	~
Advance Option		~
Add Another User		
	CANCEL CREATE US	ER
	Ś	Success User added successfully. Please go to the Dashboard to activate the user



Accessing the Devices List

• Go to the **Devices** section in the left-side menu bar. There you will see all the details as follows. The latest onboarded devices will be in the last page with different actions such as view, edit, clone and delete options.

SenzMatica						SUPER ADMIN
Setup SenzMatica	Total Devices	On Battery	Battery Dead	Sensor Failure	Coverage Issue	0
Dashboard Devices	4		_	View	Troubl	, eshoot
Product Types Kit	D D	evice Name Data Valia	lity Reference Last seen 4	Mode	Action	•Activation/Deacti
E Kit Model					○)	
脅 Remote Manager ④ OTA Manager				Maintenance		Delete
ඒ Device Connectivity				Edit	0] C / C (0	Clone
,					o 🎝 c 🖊 🖬 📹 🗎	
	_			_		
					o 🔓 🖌 🖉 🛑 🛅	
		- Decisions 🚺 🤇	2 4 5 120 Novt -		© 🔓 K 🖊 💭 💶 🗎	
		« Previous 1	: 3 4 0 130 Next »			

• By clicking the **view** icon, you will see all the current and historical data of the specific device

SenzMatica						SUPER ADMIN
 Sature Separation 			Device			
P Dashboard					C Edit Device	
Devices	Tectory	Last week	aret Month	Custom Panas		
Product Types	- Today	- LUST WEEK		- datorritorige	·	
[^в кіt	Graph View				csv	
Kit Model	Temperature	Humidity Deep Root	Light Intensity Analog VI Battery	Internal Temperature Signal Strength	Power Status	
骨 Remote Manager	Date Time			Data		
OTA Manager	2024-12-16 17:56:00			26.11		
& Device Connectivity	2024-12-16 17:46:00			25.97		
(I Transcoding	2024-12-16 17:36:00			26.08		
	2024-12-16 17:26:00			26.08		
	2024-12-16 17:16:00			26.08		
	2024-12-16 17:06:00			26.06		
	2024-12-16 16:56:00			26.34		
	2024-12-16 16:46:00			26.26		
	2024-12-16 16:36:00			26.35		
	2024-12-16 16:26:00			26.56		
			« Previous 1 2 3 4 5 11 Next			

• By clicking the **Edit** icon all the details can be edited related to the device as shown below.



SenzMatica							SUPER ADMIN
Setup SenuMatica	Total Devices	Edit Device	ttery Bat	x Lety Dead	Sensor Failure	Coverage Issue	
Devices Product Types	€ Search Devices Q	Device Id(IMEI)	Device Name			,	
C) Kit	ID Device Name	Interval (Minutes)	Persistence	ien ¢	Mode	Action	
Kit Model		Sensors	•	12-16 18:03:43			
OTA Manager		Add Sensor	nsor X 3. Current Sensor X	12-16 18:05:05		◎ .	
♂ Device Connectivity () Transcoding		4. Count × 5. Signal Strength ×	6. Battery X	12-16 18:01:20		o 🔓 🖉 🖊 🖬 💼	
		Add Actuator	×	× 11-06 21:24:42			
		Protocol	Connectivity	12-16 17:55:01			
		Mqtt ~	GSM	¥ 12-16 18:05:30		0 🔓 K 🖊 🖬 💶 💼	
		453	OR 453	~ 12-16 18:04:04		o 🔓 K 🗲 💶 🛍	
		Enter Sim Number		12-16 18:00:16		◎ }	
			Update Devi	ce			
							e

• By clicking the **clone** option you can create another same device for that specific device only changing its ID and by clicking the **delete** icon you can delete that specific device.



Accessing the product types list

• To view the product types,first go to Product Types section which is in the left-side menu bar.

SenzMatica			SUPER ADMIN
Setup SenzMatica	Welcome to SenzMatica AIoT Platform! Create opportunities for growth To help you get started quickly, follow these simple steps,		
Devices Product Types	System Preparation		•
Kit Kit Kit Model	Step 01 Completed	Step 02 Completed	
Remote Manager OTA Manager OTA Device Connectivity	Define Product Types Begin by defining a product to organize your devices effectively	Connect Test Devices Specify unique device types and their configurations for streamline management	
() Transcoding	Add Another Product	Add Another Device	
	Step 03 Completed	Step 04 Completed	
	Connect with the User Application Connect your devices to the application for seamless integration and monitoring	User Management System (Optional) Set privileges for user roles to manage user access through privileges	
	Add Another Application	Add Another User	
	Step 05 Pending.		
	ML Core [Optional]		

• There click the **Configuration** button.

DEVICE MANAGEMENT					SUPER ADMIN
 Setup SenzMatica Devices 	Search Product Name C	λ	Product Types		Configurations
Product Types Device Connectivity	□ ☆ሮ:				1-0 of false < >
() Transcoding	PRODUCT NAME -	DEVICE/NODE CATEGORY -		AVAILABLE VERSIONS V	ACTIONS

• Then it will show the list of all the product types as shown below.



	DEVICE MANAGEMENT				SUPER ADMIN 😔
\$	Setup SenzMatica Devices Product Types	Search Product Name Q		Product Types	Version Monogement Rows per page: 6 - 1-6 of 58 < >
ø	Device Connectivity	PRODUCT NAME	PROTOCOL	TRANSCODING ENABLED	Edit Actions
0	Transcoding		MQTT	True	
			MQTT	False	
			MQTT	True	view 💿 🗷 🔳
			MQTT	False	© K
			MQTT	False	© K •
			MQTT	False	© B
	_				

• There also you can view,edit, and delete product types by clicking **View, Edit**, and **Delete** icons under actions.

						SUPER ADMIN 😒
Setup SenzMatica			Product Types			Version Management
By Dashboard		Q				Rows per page: 6 ≠ 1-6 of 66 < >
O Devices						
Product Types	PRODUCT NAME	View Product	Туре	۲	ED	ACTIONS
		Product Name :				© 2 🛢
		Sensors :	1 AC Apparent Power O			© 🗷 👕
						© Z 🖥
		Actuators :	1 Buzzer O			• B
		Connectivity :	WIFI			© 2 T
		Protocol :	MQTT			© 🗷 👕
		Persistence :	true			
		Transcoding :	Transcoding not enabled			



DEVICE MANAGEMENT							SUPER ADMIN
Setup SenzMatica Dashboard Decision	Search Product Name C	Edit Product Ty	Pr	roduct Types	0		Version Management Rows per page: 6 → 1-6 of 66 < >
Product Types	PRODUCT NAME	Product Name :				ED	ACTIONS
		Sensors :	AC Energy				© 2 T
			Add Sensors		~		o e T
		Actuators :					• E T
			Add Actuators				o e T
		Connectivity :	Add Actuators		-		© 2 T
		Protocol :	MQTT		• •		© 2
		Persistence :	True False				
		Transcoding :					
					IPDATE		



Accessing the codec files list

• To access the codec list , Choose **Transcoding** option in the left side menu.

SenzMatica		SUPER ADMIN
Setup SenzMatica	Welcome to SenzMatica AloT Platform! Create opportunities for growth To help you get storted quickly, follow these simple steps,	
Product Types	System Preparation	·)
🗅 Kit	Step 01 Completed Step 02 Completed	
ল Remote Manager ত OTA Manager রু Device Connectivity । Transcoding	Define Product Types Connect Test Devices Begin by defining a product to organize your devices effectively Specify unique device types and their configurations for streamline management. Add Another Product Add Another Product	
(L)	Step 03 Completed Step 04 Completed	
	Connect with the User Application User Management System [Optional] Connect your devices to the application for seamless integration and monitoring Set privileges for user races through privileges Add Another Application Add Another Application	
	Step 05 Pending ML Core [Optional]	
	Clef Startud	

• There you can see all the codec files, its status and actions such as view , edit and delete as shown below.

SenzMatica				SUPER ADMIN
📤 Setup SenzMatica	formation 0	Transcoding		
BP Dashboard	secret			Connect Devices Create Codec
Devices			Minu	1-10 of 181 < >
Product Types	Encoder/Decoder		Actions	
🕒 Kit				ς
Kit Model				
育 Remote Manager				Delete
OTA Manager			Edit 🔍 🖻 🖤	
Device Connectivity	-		0 2 0	
u Transcoaing			() × ()	
			© 🖉 🗓	
			© 2 🗄	
			0 2 0	
			0 1	
			© ď 🗓	



To connect devices with codec files, click **Connect Devices** button.

SenzMatica		SUPER ADMIN 🥯
Setup SenzMatica Setup SenzMatica Setup SenzMatica Obshboard Obshboard Devices	Search Q,	Transcoding Connect Devices Create Codec
Product Types	Encoder/Decoder	Actions
Kit Model		© 2 🗐
一 育 Remote Manager		© M 🗐
OTA Manager		© 2 🗐
& Device Connectivity		© 2 🗐
Transcoding		© 10 📴
		© 2 🗐
		© 2 🖻
		© 12 🗎
		© 2 🖻
		© 2 0

SenzMatica					SUPER ADMIN
Setup SenzMatica	Search Q	Transcoding		Cor	nect Devices Create Codec
Product Types Kit	Encoder/Decoder	Connect Devices with Codec	×	Actions	
🗄 Kit Model		Select the Codec Method			
🛱 Remote Manager		Select the Codec	· ·	• • •	
OTA Manager		Choose Devices			
Transcoding		Choose Devices	·		
				0 2 1	
		There are no selected devices			
				© 2 🗎	
		CANCEL	CONNECT	0 2 0	



Accessing the devices with their specific connected protocol

• To view all the devices with their connected protocols, go to **Device connectivity** option in the left side menu.

SenzMatica			SUPER ADMIN
Setup SenzMatica	Welcome to SenzMatica AloT Platform! Create opportunities for growth To help you get started quickly, follow these simple steps,		
Product Types	System Preparation		\odot
Kit Kit Model Remote Manager OTA Manager Ø Device Connectivity I Transcoding	Step 01 Completed Define Product Types Begin by defining a product to organize your devices effectively Add Another Product	Step 02 Completed Connect Test Devices Specify unique device types and their configurations for streamline management Add Another Device	
~	Step 03 Completed Connect with the User Application Connect your devices to the opplication for seamless integration and monitoring	Step 04 Completed User Management System [Optional] Set phyleges for user roles to manage user access through phyleges	
	Add Another Application Step 05. Pending	Add Another User	
	ML Core [Optional]		

• It will show all the devices with their connected protocol and the number of devices connected to each protocol. Under actions you can view ,edit, delete ,enable/disable and protect the connection details.

SenzMatica						
Setup SenzMatica				Device Connectivity		
B Dashboard						
Devices	17.4	HTTP/S Devices	MQTT Devices			
Product Types	174	 Connected 	Connected			
🕒 Kit	Sarreh	0	⊽ tilter			Generate New Credential
Kit Model	buurun	ų	e ress			Carlinde new credentida
會 Remote Manager	ID	Client ID	Connected Protocol	Devices Count	Status	Actions
OTA Manager	1	server-mqtt	MQTT	1	Enable	o 🛛 🔟 💶 🖆
Ø Device Connectivity	2	Test_client	MQTT	1	Enoble	o 🗹 🛅 💶 🖴
() Transcoding	3	SAG_DPv3_QAI	MQTT	1	Enable	© 🖉 🔟 📤
	4	POL_DPv3_QA2	MQTT	1	Enable	o 🛙 🗎 🛑 🔒
	5	SAG_DPv3_QA3	MQTT	1	Enable	o 🛛 🔟 💶 🔺
	6	QA3_240103	MQTT	1	Enable	© 🛛 🔟 💶 📽
	7	1234567890123	MQTT	1	Enable	© 12 🔟 🚅
	8	demoMqtt	MQTT	1	Disable	o 🗹 🔟 🛑 🚅
	9	test_12	MQTT	1	Enable	© 🗹 🔟 💶 🚅
	10	weather-station	MQTT	1	Enable	o Z 🔟 💶 🚅
				us 1 2 3 4 5 30 Next *		



