

Guide for EMS/SmartLogger site creation and setup on the FoxCloud

Please note that this will need to be done on a Laptop or desktop device

Please visit the FoxCloud Web Portal

FOXCLOUD Web Portal

Creating a Site

On the box that the EMS/SmartLogger was packaged in or on the right-hand side of the EMS/SmartLogger the device S/N (Serial Number) will be found

<image>

Please copy the serial number of the device EMS/SmartLogger



This is the serial number that is used for the creation of the site on the FoxCloud

Once logged into the FoxCloud using your Installer login

Go to Sites, then New Site, this is found on the left-hand side of the FoxCloud



Select the Site Type to *Hybrid* (Red Box shown below)

Select the Mode to *Parallel Mode* (Blue Box shown below)

Under Site Settings (Orange Box shown below) Fill in the client's site details here

Under To bind a device (Green Box shown below) This is the EMS/SmartLogger serial number

Home > Sites >	New Site C							NICK Agen	a 🤇
G Sites Detail	Inverter Details EMS	EMS Configuration	Datalogger	Inverter Remote Setting	New Site ×				
Select Type			-						
+ Site Type	Hybrid	~	* Mode	Parallel Mode	× 1				
			<u> </u>						
Site Setting									
* Agent	M Solar Power		* Site Name	MSPD Africa		* Country /	South Africa		1
* City	WCCare Town		* Address	MSPD . Africa	0	* Postcode	7045		
	Trouge toni			man of crime	×		12.448		
* Time Zone	Africa/Johannesburg		* PV Size	60	kWp	* Feed-in Tariff	3.32	2	W/B
Cumanou	740/01								
surviy	EPO(N)								
To bind a device	•								
SN	609K1EGF410A003								
				_					
		Car	lool	Create					
		Cal	icei	Create					
	 Home > Sites > Sites Detail Sites Detail Sites Detail Sites Type Site Setting Agent City Time Zone Currency I To bind a device SN 	► Home > Sites > New Site C I select Type Inverter Details EMS I select Type Hybrid I site Setting Agent M Solar Power * City WCCape Town * Time Zone Africal Johannesburg * Currency ZAR(R) I To bind a device ① SN G09K1EGF41GA003	Home > Sites > New Site Sites Detail I Select Type + Site Type + Site Type + Site Type + Agent M Solar Power • City WCCape Town • Time Zone Africa/Johannesburg • Currency ZAR(R)	Home > Sites > New Site C Sites Detail Inverter Details EMS EMS Configuration Datalogger Select Type * Site Setting * Agent M Solar Power * Site Name * City WCCape Town * Address * Time Zone Anca/Johannesburg * PV Size * Currency ZAR(R) Carcel Cancel	Home Sites New Site Sites Detail I Select Type * Site Type * Site Setting * Agent * Site Name * City * CCape Toon * Time Zone Ancal Johannesburg * Currency ZAR(R) Cancel Create	Home > Sites > New Site Sites Detail I Select Type * Sites Type * Site Setting * Agent * Site Name MSPD Africa * City WCCape Town * Time Zone Africa: Underside a device SN Cancel Create	E Home > Sites > New Site Sites Detail I Select Type * Site Type * Mode * Agent * Agent * Agent * Address MSPD - Africa * Time Zone Africal/Schannesburg * PV Size * 00 * WVp * Feed-in Tariff * Currency ZARIR <td>E Hone > Sites > New Site Sites Detail I select Type * Sites Type * Site Setting * Agent * Agent * Site Name * Agent * Clipy * Clipy * Clipy * Time Zone * Currency ZAR(R) * Doind a device SN Cancel Create</td> <td>Home > Sites > New Site C Ister Detail Inverter Select Type Ister Type Home > Sites > New Site Select Type Ister Type Home > Sites > New Site Select Type Ister Type Home > Sites > New Site Select Type Ister Type Home > Sites > New Site Ister Setting * Address MSPD - Africa * Country / South Africa Region * City WCCape Toom * Address MSPD - Africa * Postcode Time Zone Africa * Py Size 60 WV/p * Feed-in Taxiff 3.22 It to bind a device Still SN gottriEGF4100003 Cancel Create</td>	E Hone > Sites > New Site Sites Detail I select Type * Sites Type * Site Setting * Agent * Agent * Site Name * Agent * Clipy * Clipy * Clipy * Time Zone * Currency ZAR(R) * Doind a device SN Cancel Create	Home > Sites > New Site C Ister Detail Inverter Select Type Ister Type Home > Sites > New Site Select Type Ister Type Home > Sites > New Site Select Type Ister Type Home > Sites > New Site Select Type Ister Type Home > Sites > New Site Ister Setting * Address MSPD - Africa * Country / South Africa Region * City WCCape Toom * Address MSPD - Africa * Postcode Time Zone Africa * Py Size 60 WV/p * Feed-in Taxiff 3.22 It to bind a device Still SN gottriEGF4100003 Cancel Create

Setting Address/ID of Inverters

For the settings on each inverter, you need to go to **'Menu - Settings - Communication - RS485'** and you will see 2 available options:

-Device ID 1 -Device ID 2

The '**Device ID 2'** can be any unique number from 000 - 249, and must be different for each inverter in the parallel setup. We would recommend setting the Master to 001, and then numbering the Slaves in sequence(...002, 003) as applicable to make it easier to remember.

Please record the inverter Serial Number and the Device ID 2 that is set on each inverter and if it is the Master of a Slave Inverter, as this will be needed when adding the inverters to the EMS on the FoxEss Cloud.

===== Menu =====	=== Settings ===
Running	Feature
History	Parallel
+ Settings	* Communication
==Communication= → RS485	===== RS485 ==== Device ID-1 + Device ID-2

Master:



Slave 1:



Slave 2:



EMS/SmartLogger Inverter setup on the FoxCloud

Once logged into the FoxCloud using your Installer login

Go to **Device** (Red Box shown below), then **EMS** (Green Box shown below) this is found on the left-hand side of the FoxCloud,

Then go to Configuration (Purple Box shown below), which is found on the right-hand side

FoxESSCloud	Hom	ne 👌 Device 🤌 EMS	C				NICK	Agent 2
	ି si	tes Detail Inverter De	ails Datalogger	EMS ×				::
	EM	S						
	EMS SN		e Q					
	No.	SN	Site	Model	Grid-connected Time	Country / Region	Status	Operation
	1	609K1EGF41QA003	MSPD H3 Smart	SmartLogger1QA00	2024-01-28 04:00:28	South Africa	۰	
EMS								

Then go to Create manually (Red Box shown below), which is found on the right-hand side

:
e manually Get configuration

Input the Master Inverter's information:

*S/N = Inverter Serial Number (E.G. 60MJ30303ALP017)

*Group = **2Group** (This will always be 2Group)

*ID = 001

*Address = 001

*Inverter Model = *H3pro*

*Enable device address recognition = **yes**

*Disable the device = *no*

Then click **OK**

Create manually		×
* SN:	60MJ30303ALP017	
* Group:	2Group	~
* ID:	001	
* Address:	001	
* Inverter Model:	НЗрго	~
* enable device address recognition :	🔿 no 🌔 yes	
* disable the device :	• no 🔾 yes	

Cancel

Then go to Create manually (Red Box shown below), which is found on the right-hand side

\blacksquare Home > Device > EMS Configuration \bigcirc	NICK Agent
Sites Detail Inverter Details EMS EMS Configuration ×	::
More Options	
Restart Remote maintenance Address allocation Parallel power control	
Device IO	
R5485-1 R5485-2 R5485-3 R5485-4	Create manually Get configuration

Input the Slave Inverter's information:

*S/N = Inverter Serial Number (E.G. 60MJ30303ALP023)

*Group = **2Group** (This will always be 2Group)

*ID = 002

*Address = 002

*Inverter Model = *H3pro*

*Enable device address recognition = yes

*Disable the device = *no*

Then click OK

Create manually	×
* SN:	60MJ30303ALP023
* Group:	2Group \lor
* ID:	002
* Address:	002
* Inverter Model:	H3pro \lor
* enable device address recognition :	ono oyes
* disable the device :	• no 🔿 yes

Cancel OK

More O	ptions					
Restart	Remote maintenance Address allocation Parallel powe	er control				
Device	10					
RS485-1	R5485-2 R5485-3 R5485-4					
ID:	1		ID:	2		
SN:	60MJ30303ALP017		SN:	60MJ30303ALP023		
Series:			Series:			
Address	00000000001		Address	0000000002		
Search	Automation	Ū	Search	Automation	Ø. 1	Û

After your Inverters have been added they will display under the **RS485-2** tab

You have now configured the Site on the FoxCloud