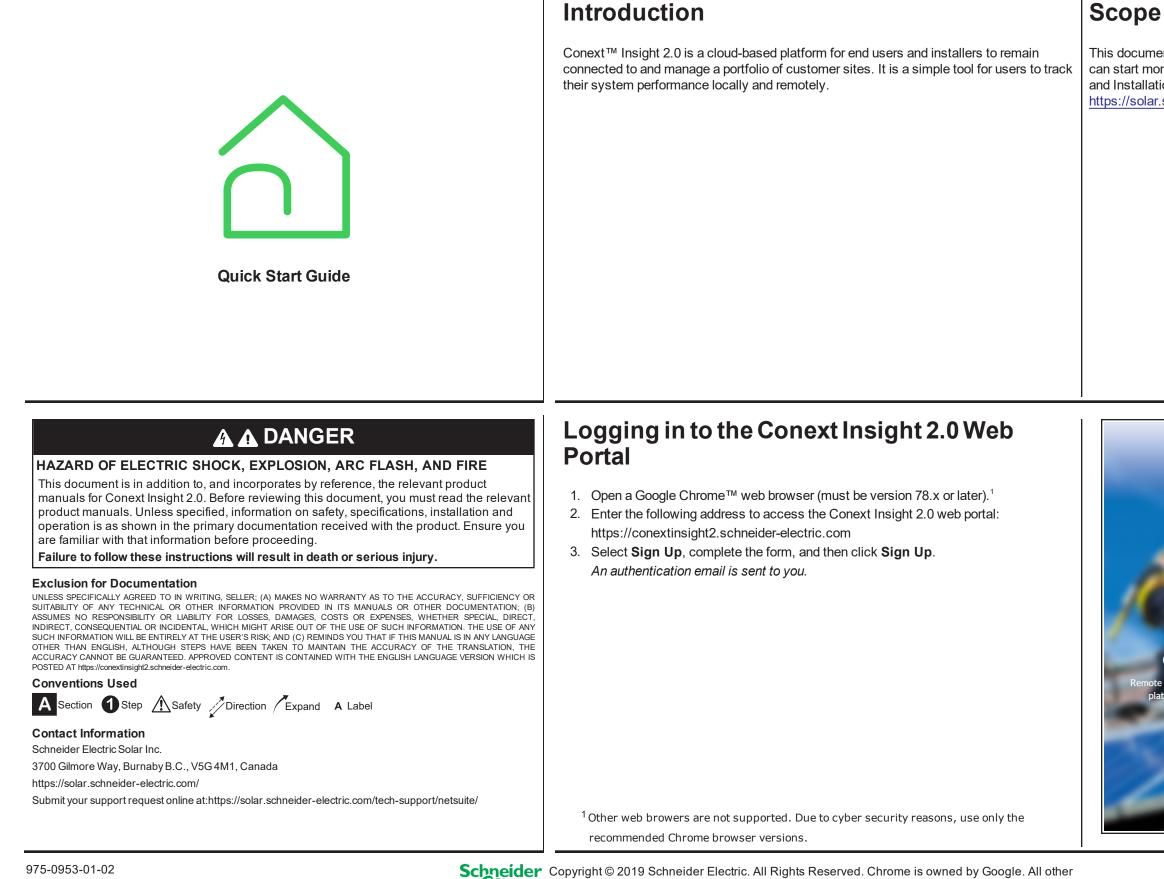
Conext[™] Insight 2.0

https://conextinsight2.schneider-electric.com



Introduction



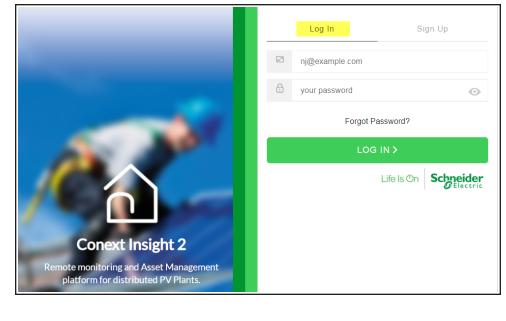
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This document includes setup and configuration steps for Conext Insight 2.0 so that you can start monitoring your Conext Gateway sites. Refer to the Conext Gateway Owner's and Installation guides for detailed information about Conext Gateway settings (go to https://solar.schneider-electric.com/product/conext-gateway/ > Downloads).

 nj@example.com your password Enter your full name 	>
	>
Enter your full name	
Enter your organization name	
Enter your phone number with out country code	
enter your address	
t Insight 2	
g and Asset Management Enter your state	
Enter your zip code	
choose your Country	•
I have read understood and agree with the Terms Of Us and the Data Privacy Statement	se
SIGN UP >	

- 4. To finalize your registration, go to the authentication email, and then click Verify Your Account.
- 5. From the login portal, select Log In, enter your credentials, and then click Log In.



Navigating the Conext Insight 2.0 Web Portal

Home

From the Home tab, you can view your site portfolio and site details, such as site and energy source status, recent power generation, solar production, active alarms, and weather information.

ME PERFORMA	NCE EVENTS	CONFIGURATION									
	New site										•
iite details											
Filter by: Site name,	Weather, etc									Show records p	er page: 10
											Download
Site name	Connectivity	Last data refresh	Today Generation (kWh)	Today Solar production (kWh)	Batt. voltage (V)	Batt. SoC (%)	Alarms / Warnings	Diesel generator	Grid	Firmware status	Weather
ERICSITE_T	No communication	2018-12-18 16:54:42	0.85	2.1	53.25	99.0%		Not running	Data not available	Updated	MODERATE RAIN
EMASITE_T	No communication	2018-12-18 16:49:00	Data not available	Data not available	Data not available	Data not available		Data not available	Data not available	New version available	UGHT RAIN
BORT Site	No communication	2018-12-17 14:50:35	Data not available	Data not available	Data not available	Data not available		Data not available	Data not available	Updated	MIST
BORT1_000054- Combox- 557A6266288C	No communication	2018-12-18 12:25:29	Data not available	Data not available	Data not available	Data not available		Data not available	Data not available	Updated	MIST
Simulator1	No communication	2018-12-19 01:13:08	50.76	50.76	50.76	50764.0%		Data not available	Data not available	No devices found	MIST
Simulator 2	No communication	2018-12-17 14:50:35	Data not available	Data not available	Data not available	Data not available		Data not available	Data not available	Updated	MIST
Simulator3	No communication	2018-12-17 14:50:35	Data not available	Data not available	Data not available	Data not available		Data not available	Data not available	Updated	MIST
Simulator4	No communication	2018-12-18 17:25:03	Data not available	Data not available	Data not available	Data not available		Data not available	Data not available	No devices found	MIST
Showing: 1 to 8 of 8 ents	ries.										< 1
	My NY			TT.			$\widehat{\square}$			<u>(</u>	
				V \							
	Solar production			Grid consumption			Load			Generator operatio	1
	295.14 kWh			499.62 kWh			7.69 MWh			51.21 kWh	

Adding a New Site

- 1. Verify that the Conext Gateway cloud connection is enabled and that data is being pushed to the cloud:
 - a. From the Conext Gateway web portal home page, go to Setup > Network > Cloud settings and verify that the cloud connection status indicator is green. If it is not green, contact Schneider Electric.



3. In the New Site form, fill in all required fields and then click Create. **NOTE:** The latitude and longitude can only be added manually.



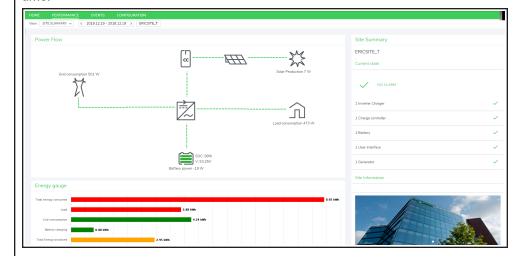
rights > Add a user.

Performance

From the Performance tab, you can follow the performance of your installation. Use the View drop-down menu to switch between the views described below.



Site Summary: This view provides a global analysis of the PV plant performance through a power flow diagram. Use the selection arrows to select a site and a date to see the active alarms and a summary of the energy consumption and production for a period of time.





4. Configure the Conext Gateway ID for the new site:

a. To find the ID, go to the Conext Gateway web portal home page > Setup > **Network > Cloud settings >** Uniform Resource Name.

Example: *um:dev:opm:xxxxx-Combox-xxxxx*

b. From the Conext Insight 2.0 home page, go to Configuration and select the new site from the Device List.

Under Edit Site Device, select Devices and enter the Conext Gateway ID.

MANCE	EVENTS		
User rights		C)	
1	/ -		
1			
		Site Configuration	
			SHOLDS DOCUMENTS
		Gateway Mame:	
	~	/	Ĩ,
[149661]	((•))	Geteway ID: 🕜	URN : 000054-Combox-587A626625DA
- 1	· ·	'	
7469)	((=))		Update
	~		
1702]	((-))		

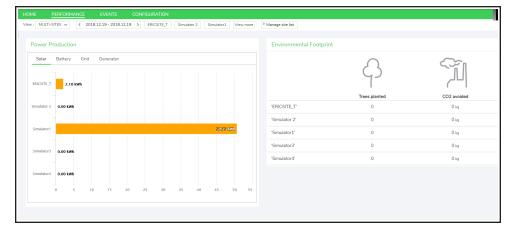
d. Enter the Conext Gateway serial number. The serial number can be found on the Conext Gateway product label. Enter the serial number exactly as it appears on the product.

NOTE: Site administrators can add new users to the site from Configuration > User

Energy Source Analysis: This view displays performance data, such as energy source details and active alarms, for the power conversion devices on a site, from the Array Box

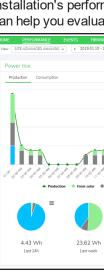
MON_488348									
						Battery			
		8 kWh	10.98 kWh Yeaky energy	17.24 kWh Lifetime energy		BATTMON [486346] Current State			
		5 kWh	10.16 kWh Yearly energy	15.97 kWh Litetere energy		✓ № АLАЯМ 95%	Not available	53.23V	20°C
					••• =	Date of Ourge Last recharge	Date of Health	Voltege	Temperature Not evoluble
					48 V 88 V	System Information			Online
					4× -	Type Capacity			Not available Not available
					18 V 8 V	Last update Control			01-15 08:56:02 hange Settings
08-00 AM 10:00			каз ты авар ты свор ты атар ты авар ты свор ты	10.00 PM 11.00 PM 12.00 AM		Orarge efficiency factor mode			Not everleble
100 AMT	• soc what	p + Terpenten		=					
HOD AM	"10:00 AM"	"11:00 AM"							
500 PM*	104:00 PM1	105:00 PM1							
100 PM*	"10:00 PM"	"11:00 PM"	 Used Property No Discharged to repidly or 						

Multi-Sites: This view allows you to compare performance indicators between the selected solar installations.



Energy Source Comparison: This view compares the performance of energy sources on a specific site, using electrical measurements and other indicators.





Events

From the Events tab, you can view all active and historical events, alarms, and warnings for a selected site.

Pitter Type Desce Instance Id Error code Name Desce 2016 15:15 15:54.5 Potter Sce - 1000 Scenario 11,1713 Potter Desce 1000 Scenario 11,1713 Potter 2016 10.000 Scenario 11,1713 Potter 2016 Scenario 11,17	Clear Ever Show records per page: 10 Download ption Status
Date Time Type Desce Instance Id Error code Name Desce 2018-12-18 1694-42 ExtRV SCE Scenario Scenario Scenario Scenario Desce Feature Desce Scenario Scenari	Download
2018-12-18 18-94-42 E-9407 508 508 508 508 508 508 508 508 508 508	
2018-12-18 18-94-42 E-9407 508 508 508 508 508 508 508 508 508 508	ition Status
2016-13-18 168442 EVENT SCB - 10003 Heimer 2016-12-11.27-12 Beld One 2016-13-12.12-07- 12. Beld 2016-12-12.12-07-12	
2018-12-18 16:54.32 P/ENT CNM - 10055 Connect Insight Connected -	
2018-12-15 16:52:59 EVENT SCB - 10059 TED -	
2018-12-18 1652-31 EVENT SCB · 10005 uploaded ek	
2018-12-18 16:50:33 EVENT SCB . 10004 Stated uploxing 665-0329- v1.01-8145.pig	
2018-12-18 16-44-34 EVENT 5CB - 10040 Logic Admin -	
2018-12-18 16.31.37 EVENT CNM - 10055 Connect Insight Connected -	
2018-12-18 15-43-30 EVENT CNM - 10055 Connect Insight Connected -	
2018-12-18 15.43.28 EVENT CHM - 10056 Covert Insight Disconnected (rescon-1)	

Firmware

From the Firmware tab, you can view the firmware status and upgrade the firmware for a site.

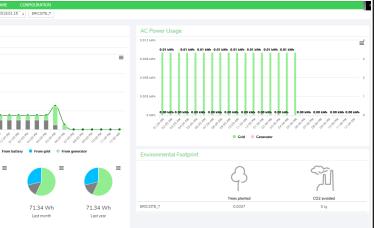
ERICSITE_T	ø	Updated	Firmware detail
EMASITE_T	×	Updated	Firmware detail
BGRT Site	۲	Updated	Firmware detail
BGRT1_000054-Combox-587A6266288C	×	Updated	Firmware detail
Simulator1	۲	Updated	Firmware detail
Simulator 2	×	Updated	Firmware detail
Simulator3	۲	Updated	Firmware detail
Simulator4	×	Updated	Firmware detail
TREVOR_Box	۲	Updated	Firmware detail
BGRT_Live	2	Updated	Firmware detail

Configuration

From the Configuration tab, you can remotely view and change parameters at the site level, or at the individual energy source level. You can also create a new site or delete an existing one.

HOM	E	PERF	ORMANCE	EVENTS	CONFIGURATIO
Site	s and de	rices	User rights		
	ERICSI	TE_T			
		ist			
	Site				
		enics	ле т		
	Senerato				
	~	AGS[]	1491702)		
-	Charge C	ontrol	er		
		HVMS	PT[1449681]		
	User Inter	face			
	~	SCP2	[177469]		
2	inverter C	harge			
		XW[1	712529]		
1	Battery				
		BATT	MON(486346)		
1.1	rverter				

Site Advanced Analysis: This view provides an advanced analysis of the solar installation's performance. The financial and environmental impact information in this view can help you evaluate your return on investment.



		New Site Duplicate Delete
	Site Configuration	
	BATT	
	Battery Type: Flooded 🔻	
~	Nominal Battery Voltage: 24 V	Battery Bank Capacity: 0 130
((+))	Control	
~	Battery Temperature Coefficient O	Charger Enable/Disable:
((+))	Force Charger State: Bulk 🔻	Reset: Reboot
~	Operating Mode: Standby 🔻	Clear: Fault Log
((*))	Manual Aux: Manual Off 🔻	Refresh Configuration Data: Refresh
~	CHG	
(0)	Equalize Voltage Set Point 64000	
~	Equilat Support	Buik/Boost Voltage Set Point 56730
(0)	Floet Voltage Set Point 53600	Recharge Voltage: 54000
v	Absorption Voltage Set Point 56730	Absorption Time: 10800
	Charge Cycle: 3 Stage 🔻	Maximum Charge Rate: 0100
	Equalize Now:	Charge Mode: Stand-alone
	LPHD	
	Default Battery Temperature: Cold 🔻	Device Number: mult
	DEV	
	System Instance null	Periodic Transmit Enable:
	Identify Enable:	Network Power Night time Disable:
	XUX	
	Low Bottery Voltage Triager Set	Auxiliary Output Trigger Source: Low Battery Voltage
	Low Battery Voltage Trigger Set 44000	Low Battery Voltage Trigger Set Delay: 0 100
	Low Settery Voltage Trigger Cear. 48000	Low Bettery Voltage Trigger Clear Delay. 100
	Low Array Voltage Trigger Set	Low Array Voltage Trigger Clear Delay. 100
	Low Array Vortage Ingger Clear. 195000	Low wray votage ingger clear belay. U 100