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VP.Start

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www.vpstart.com

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NiteLite System Software

Introduction to NiteLite

What is NiteLite?

The use of conventional public street light systems poses a significant risk of energy loss and inefficient management. Consequently, ongoing research and development efforts are being undertaken to devise solutions for public smart street light systems that can be remotely controlled and monitored. VP.Start has developed a public smart street light control device to complement traditional systems, helping save electricity and transform cities into modern, efficient ones.

NiteLite System Software is a cutting-edge application designed for remote controlling the public street light controller, also known as the Smart City Device (SCD). It's designed to simplify the management of street lights, ensuring efficient and secure remote control. This advanced software offers a wide range of features, including Grid View, Consumption Analysis, Alarms, Map View, Notifications, Event Logs, and Reporting, all aimed at enhancing functionality and optimizing performance. With NiteLite Software, the task of overseeing street lights becomes effortless, ensuring a reliable lighting system for urban areas.

NiteLite System Software enhances the customer experience by introducing an Operator Control Room. As a key element in the smart city modernization initiative, this control and remote room empowers operators to monitor and manage public street lights seamlessly, including remote on/off scheduling and usage monitoring.

Furthermore, NiteLite System Software offers customers a range of benefits. VP.Start has specifically selected for GSM/GPRS as the preferred method for transmission communication. This choice not only significantly reduces infrastructure setup costs when compared to fiber, but also minimizes installation time. Moreover, our customers can effectively and efficiently manage public street lights by quickly identifying and promptly addressing any issues that may arise.

Through the Alarm function, customers can effortlessly monitor the remote control of public street lights for any abnormalities, such as open doors or overloads.

In summary, NiteLite System Software streamlines public street light management, contributing to city modernization, cost savings and user-friendly operation.

1. Introduction to NiteLite

To access the NiteLite application, first launch it by clicking on the icon 😥 to launch the application.



Figure 1: The NiteLite Application Icon is Installed

Enter user account and password, then click on "Login" to login NiteLite application.

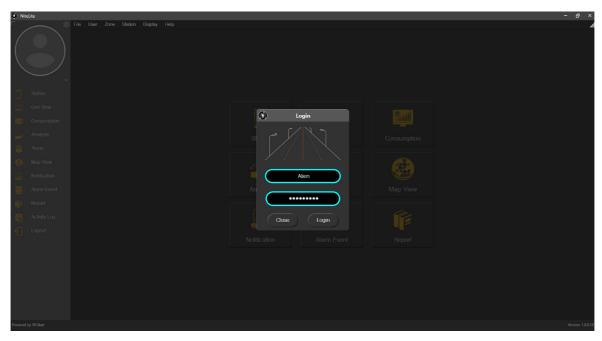


Figure 2: Enter the User Account Name and Password

2. NiteLite System Functions

NiteLite System Software provides six functions and nine icons placed in the center and left sidebar. Each icon represents a feature for using and controlling the public street light system.

Niedłe File User Zone Station Dieplay Help Julen Station				× 6 – In
- Grid View Grid View Consumption Analysis	Station	Grid View	Consumption	
Alarm Map View Notification	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	<u></u>		
 Alarm Event Report Activity Log Logout 	Analysis	Alarm	Map View	
	Notification	Alarm Event	Report	
Powered by VP.Start				Version: 1.0.0.16

Figure 3: NiteLite Key Features

2.1. Key Features of NiteLite Software

- File: provides two functions: "Logout" to exit the NiteLite System Software and "Close" to terminate NiteLite System Software.
- User: Provides four functions: "Manage User" for creating, deleting, and editing user accounts, "User Detail" to view user information and access right, "Change Password" for updating the user's password, and "Group Permission" to assign user permissions.
- **Zone:** Serves one function: "Manage Zone" for creating an area for SCD management.
- Station: has four functions: "Modify Station" to edit the SCD's name and data, "Setting Station" to configure SCD parameters, "Manage Station" for managing the SCD's area, and "Station Event" to display information on notification events and alarm events.
- **Display:** has 10 main functions: "Station", "Grid View", "Consumption", "Analysis", "Alarm", "Map View", "Notification", "Alarm Event", "Report" and "Activity Log".
- **Help:** Provides three functions: "About Us" for visiting the VP.Start website, "GSM Controller" for check balance and top up and "Check Update" for delete updating NiteLite System Software.

2.2.	NiteLite Icons
	Station: This section displays SCD information and data.
	Grid View: It symbolically represents the user status of the SCD.
	Consumption: This section provides a graphical representation of data in the form of a curve that helps in the management of public street light systems.
2	Analysis: It analyzes the usage and data management.
	Alarm: This section provides a notification alert when any issues occur, such as power interruption, MCB trip, or doors Opened.
	Map View: It displays SCD locations on Google Maps.
	Notification: This section displays information on over/under SCD usage based on settings.
	Alarm Event: Every alarm occurrence is stored in the historical alarm log.
F	Report: Allow viewing of reports of alarms and notifications.

3. Station

SCD Station displays SCD information and data. Click on "Station".

NoteLife File User Zone Station Display Help John Alter Contexe			× ۵ – اس
Station Grid View Consumption Janayasis	Station Grid View	Consumption	
 Alarm Map View Notification Alarm Event 	Analysis Alarm	Map View	
ife Report	Notification	Report	
Proved by VRStart			Version: 1.00.16

Figure 4: Station

Station displays SCD Name, Date, Zone, Mode (Remote), Power Source (Present/Absent), MCB status (Close/Trip), Light status (ON/OFF), Door status (Open/Close) and Power usage.

	Selec	et Zone All Zone Search 🖷 🗘									
00		Name	Zone	Daletime	Mode	Source	MCB	Light	Door	Power (W)	Last Update
		85593309240		20-07-2023 14:15:00	Remote	Present	Close		Close		20-07-2023 14:23:34 (00 00
Alien ~		85593858231		20-07-2023 14:15:00	Remote	Present	Close		Close		20-07-2023 14:23:34 (00 00:
Station		85593696315		20-07-2023 14:15:00	Remote	Present	Close		Close		20-07-2023 14:23:34 (00 00:
Station		85593828775		20-07-2023 14:15:00	Remote	Present	Close		Close		20-07-2023 14:23:34 (00 00:
Grid View		ST-01 (P01-01)	ктк	20-07-2023 14:15:00	Remote	Present	Close	OFF	Close		20-07-2023 14:23:34 (00 00:
Consumption		ST-17 (P3968-109A)		20-07-2023 14:15:00	Remote	Present	Close		Close		20-07-2023 14:23:34 (00 00:
America		ST-18 (P2677-303B)		20-07-2023 14:15:00	Remote	Present	Close		Close		20-07-2023 14:23:34 (00 00:
Analysis		ST-22 (P2224-104)		20-07-2023 14:15:00	Remote	Present	Close		Close		20-07-2023 14:23:34 (00 00:
Alarm		ST-23 (485-206A)		20-07-2023 14:15:00	Remote	Present	Close		Close		20-07-2023 14:23:34 (00 00:
Map View		ST-25 (P673-116)		20-07-2023 14:15:00	Remote	Present	Close				20-07-2023 14:23:34 (00 00:
Notification Alarm Event Report Activity Log											
Logout											

Figure 5: Station and SCD Data

. As well as download an Excel report by clicking on 🛛 🖽 .

All Zones allows operators to display the SCD in a specific zone. Operators can search for SCD names using the search

	Selec	t Zone All Zone 🖌 Search 🕮 🗘									
	Nº	All Zona Name	Zone	Datetime	Mode	Source	MCB	Light	Door	Power (W)	Last Update
		85532 KTK		20-07-2023 14:15:00	Remote	Present	Close		Close		20-07-2023 14:23:34 (00 0
Alien ~		8553289215		20-07-2023 14:15:00	Remote	Present	Close		Close		20-07-2023 14:23:34 (00 0
Station		85593696315		20-07-2023 14:15:00	Remote	Present	Close		Close		20 07-2023 14:23:34 (00 0
		85593828775		20-07-2023 14:15:00	Remote	Present	Close				20-07-2023 14:23:34 (00 0
Grid View		ST-01 (P01-01)		20-07-2023 14:15:00	Remote	Present					20-07-2023 14:23:34 (00 0
Consumption		ST-17 (P3968-109A)		20-07-2023 14:15:00	Remote	Present	Close				20-07-2023 14:23:34 (00 (
Analysis		ST-18 (P2677-303B)		20-07-2023 14:15:00	Remote	Present	Close				20-07-2023 14:23:34 (00 (
		ST-22 (P2224-104)		20-07-2023 14:15:00	Remote	Present	Close		Close		20-07-2023 14:23:34 (00 0
Alarm		ST-23 (485-206A) ST-25 (P673-116)	ктк	20-07-2023 14:15:00	Remote	Present	Close				20-07-2023 14:23:34 (00 0 20 07-2023 14:23:34 (00 0
Alarm Event Report Activity Log Logout											



box

The extracted report in Excel format.

	e~ 2 • ≠						AI S	tation 21-04-2023 1	10.26.14.xisx	- Excel										Sign in	Œ	- 0	9
A	в	c	D	E	F	G	н		J	к	L	м	N	0	Р	Q	R	S	т	U	v	w	L,
	Name	Zone	Datetime	Mode	Source	MCB	Light	Power (W)															
1	85593309240	KTK	20-04-2023 17:42:45	Remote	Present	Close	OFF	0															
2	85593656231	KTK	20-04-2023 17:00:00	Remote	Present	Trip	OFF	0															
3	85593696315	KTK	20-04-2023 17:31:16	Remote	Present	Close	OFF	0															
4	85593828775	KTK	20-04-2023 18:07:08	Remote	Present	Close	OFF	0															
5	ST-01 (P01-01)	KTK	20-04-2023 15:30:00	Remote	Present	Close	OFF	0															
6	ST-17 (P3968-109A)	ктк	21-04-2023 10:15:00	Remote	Present	Close	OFF	0															
	ST-18(P2677-303B)	KTK	21-04-2023 10:15:00	Remote	Present	Close	OFF	0															
	ST-22(P2224-104)	KTK	21-04-2023 10:15:00	Remote	Present	Close	OFF	0															
	ST-23 (485-206A)	KTK	21-04-2023 10:15:00		Present	Close	OFF	0															
	ST-25(P673-116)	KTK	21-04-2023 10:15:00		Present	Close	OFF	0															
						0.030																	
_	All Station																						1

Figure 7: The Report in Excel Format

4. Grid View

To check the status of SCD, click on Grid View. This view displays icons with information about the Door (Open/Close), Power Source (Present/Absent), MCB (On/Trip), and Light (On/Off).

Interference File User Zone Station Doplay Help Altern				- 6
Consumption Analysis	Station	Grid View	Consumption	
Alarm Map View Map View Motification Alarm Event	Analysis	Alarm	Map View	
	Notification	Alarm Event	Report	
Formend by NF.Start				Version: 1.

Figure 8: Grid View

The Grid View is displayed as an icon panel, offering convenient control over each SCD (Smart City Device).

- Doors can be opened or closed (Open/Close).
- Power Source status is indicated as (Present/Absent).
- MCB Close/Trip.
- Light ON/OFF.



Figure 9: Grid View and SCD

5. Consumption

Click on "Consumption" to display information on SCDs and their power consumption through graphical data.

Nitelie	File User Zone Station Display	Hulp			
Grid View			<u><u><u></u></u> <u><u><u></u></u> <u><u></u><u></u> <u><u></u></u> <u><u></u></u> <u></u> <u></u> <u></u> <u></u> </u></u></u>		
Consumption					
🅁 Analysis		Station	Grid View	Consumption	
🗯 Alarm					
🍪 Map View					
Notification		🛩			
Alarm Event		Analysis	Alarm	Map View	
🎁 Report					
💼 Activity Log					
Eugout					
		Notification	Alarm Event	Report	

Figure 10: Consumption

Click on **E** to display the name of the SCD.

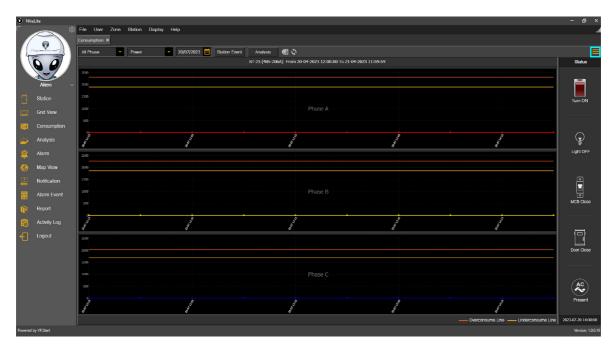


Figure 11: The Consumption Graph Displays the Data

Select the SCD name to display the data as a graph.

Download an Excel report by clicking on 🖽 .

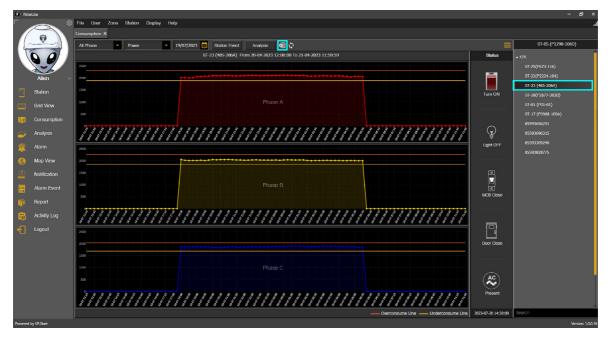
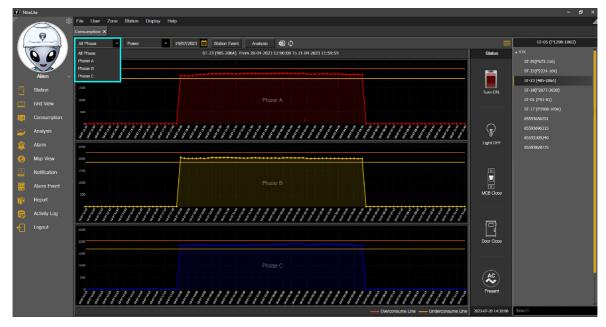


Figure 12: Select the SCD Name



Click on "All Phase" to choose the display of data for all phases: Phase A, Phase B, or Phase C.

Figure 13: Select the Display All Phase or in Each Phase

Click on "Power" to choose the display of Power, Voltage, or Current.

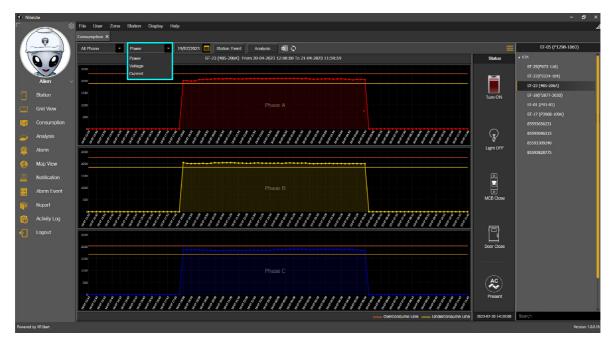


Figure 14: Select the Display of Power, Voltage, or Current Data

Click on 🔳 to view the previous data.

NiteLite			- 8 ×
	File User Zone Station Display Help Concumption X		lh.
	All Phase 👻 Power 💌 19/07/2023 🧱 Station Event Analysis 🕮 🗘		ST-05 (P1298-106D)
00	✓ July 2023 ▶ 20-04-2023 12:00:00 To 21-04-2023 11:59:59	Status	и ктк 👔
	200 Su Mo Tu We Th Fr Su		ST-25(P673-116) ST-22(P2224-104)
Alien	v xxx	Ē	ST-22 (#2224-104) ST-23 (485-206A)
Station	2 3 4 5 6 7 8 9 10 11 12 13 14 15	Turn ON	ST-18(P2677-303B)
Grid View	16 17 18 19 20 21 22 Phase A		ST-01 (P01-01)
Consumption	23 24 25 26 27 28 29		ST-17 (P3968-109A)
	<u>, , , , , , , , , , , , , , , , , , , </u>	G	85593656231 85593696315
🍎 Analysis		(j)	85593309240
单 Alarm		Light OFF	85593828775
🔮 Map View			
Notification		0	
Alarm Event	1000 Phase B	•	
Report		MCB Close	
45			
Retivity Log	7//////////////////////////////////////		
Logout	800		
		Door Close	
	1000 Phase C		
		(AC	l i
	<u>, , , , , , , , , , , , , , , , , , , </u>	Present	
	777777777777777777777777777777777777777		
	Overconsume Line Underconsume Line	2023-07-20 14:30:00	Search
Powered by VP.Start			Version: 1.0.0.16

Figure 15: Check the Data by Date

Click on "Station Event" to view Notification Events and Alarm Events.

NiteLi		Eile	User Zone S	tation	Dianta	v Helo											
1			mption × Station E														
1~	9								Name: ST-23 (485-206A) Zone:	ктк							ST-01 (D010-205C)
T		Sear	ch 🔍	曲 ひ	Notifica	ation Event	5			Sear	ch 🔍 🕯	囲 の M	larm Events				⊿ КТК
		Nº	Datetime	Phase	Туре	Power (W)	Overconsume	Underconsume	Events	Nº	Datetime	Source	MCB	Light	Door	Events	ST-25(P673-116)
	Alien		17-07-2023 22:34:23		Over	6836	6494	5322	Phase B total over 342W		22-06-2023 17:27:40		Close		Close	Door Open	ST-22(P2224-104)
	Station	2	15-07-2023 02:34:21			6880			Phase B total over 386W				Close		Open	Door Open	ST-23 (485-206A) ST-18(P2677-303B)
		3	12-07-2023 20:45:33			6564	6494	5322	Phase B total over 70W		22-06-2023 17:27:10		Close		Open	Door Open	ST-01 (P01-01)
	Grid View	4	12-07-2023 20:42:14		Over Over	6512 6496	6494 6494	5322	Phase B total over 18W Phase B total over 2W		22-06-2023 17:03:03 20-06-2023 18:15:08		Close	OFF	Open Close	Door Open Door Open	ST-17 (P3968-109A)
	Consumption	5	12-07-2023 20:35:58		Over	6590	6494	5322	Phase 8 local over 2W Phase 8 local over 95W		20-06-2023 18:15:08		Close	OFF	Open	Door Open	85593656231
	Analysis	-	12 07 2023 20.04.24					3322			10 00 1023 10:00:12	THOSEIR	0.000		open	Cool open	85593696315
	Alarm																85593309240
																	85593828775
	Map View																
	Notification																
	Alarm Event																
	Report																
	Activity Log																
	Logout																
																	Search
	/ VP.Start	<u> </u>		_	_	_		_				_	_	_	_	_	Version

Figure 16: The Station Event

Click Analysis and then Graph: This tool is utilized for analyzing power consumption, including metrics such as Maximum Consume, Minimum Consume, Overconsume, and Underconsume, presented in graphical format.

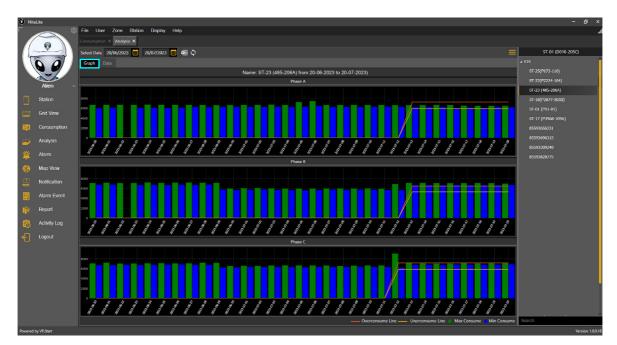
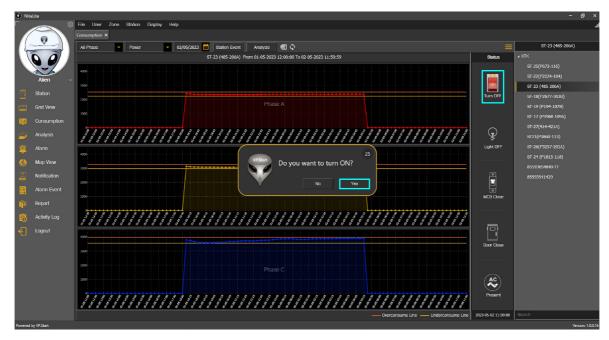


Figure 17: Graph Analysis

Click Analysis and Graph: This tool is utilized for analyzing power consumption, including metrics such as Maximum Consume, Minimum Consume, Overconsume, and Underconsume, presented in table format.

Ø	_		alysis X	natana 🧮 di	10										ST-01 (0010-205C)
		Date 20/06/2	023 🔲 20/	07/2023 🗰 🖷	∃¢									=	≤ ST-01 (D010-205C)
00		ih Data													ST-25(P673-116)
						Nan	ne: ST-23 (485	-206A) from 20-		07-2023)					
Alien				Pha					se B				ise C		ST-22(P2224-104)
		Date		Load		(Load		n Load		c Load		n Load		x Load	ST-23 (485-206A)
Station			Time	Power (W)	Time	Power (W)	Time	Power (W)	Time	Power (W)	Time	Power (W)	Time	Power (W)	ST-18(P2677-303B)
Grid View		20-07-2023	04:30:00	6185	03:00:00	6532	05:30:00	6726	03:00:00	6992	04:30:00	6913	05:00:00	7098	ST-01 (P01-01)
		19 07 2023	21:15:00	6267	20:30:00	6525	05:30:00	6646	18:00:09		01:30:00	6828	18:00:09	7095	ST-17 (P3968-109A)
Consumption		18-07-2023	19:15:00	6107	23:45:00	6533	05:15:00	6671	18:00:14	7144	04:30:00	6814	18:00:14	7058	85593656231
Analysis		17-07-2023	04:30:00	6168	04:00:00		05:30:00		18:00:09		19:30:00		18:00:09		85593696315
		16-07-2023	19:15:00	6045	04:30:00	6675	05:30:00	6719	18:00:12	7074	18:30:00	6878	05:15:00	7048	85593309240
Alarm		15-07-2023	22:45:00		05:30:00	6676	19:45:00	6632	18:00:16		18:15:00		05:00:00		85593828775
Map View		14-07-2023	04:30:00	6242	05:00:00	6643	05:00:00	6700	18:00:10		21:15:00	6805	18:00:10	7068	
		13-07-2023	04:15:00	6230	03:45:00	6640	19:00:00	6666	18:00:10		05:30:00	6800	18:00:10		
Notification		12-07-2023	16:28:50	6299	05:00:00	6643	05:30:00	5685	23:00:00	6902	16:28:50	6258	19:30:00	9068	
Alarm Event		11-07-2023	23:00:00	6351	05:00:00	6654	05:30:00	5687	18:00:10		21:00:00		18:00:10	6629	
		10-07-2023	19:15:00		04:00:00	6666	05:30:00		18:00:11		20:45:00		18:00:11		
Report		09-07-2023	03:30:00		20:15:00	6695	18:30:00		02:45:00	5996	18:30:00	6369	21:30:00	6606	
Activity Log		08-07-2023	18:32:25	6285	23:00:00	6658	05:30:00		18:00:11	6009	20:45:00	6347	05:00:00	6567	
		07-07-2023		6260	19:00:00				18:00:11				05:00:00		
Logout		06-07-2023	23:00:00	6518	20:15:00		19:15:00		22:30:00	5980	01:30:00	6379	21:30:00	6637	
		05-07-2023	21:45:00		23:30:00		19:00:00		18:00:41	5985	10:36:25		18:00:41	6668	
		04-07-2023	21:00:00	6253	18:00:14	6666	18:30:00	5694	00:15:00		20:45:00		18:00:14	6684	
		03-07-2023	23:02:24		20:00:00		05:30:00		18:00:14	6024	04:45:00		21:00:00	6633	í l
		02-07-2023	19:15:00	6292	19:45:00	6710	18:45:00	5838	03:45:00	6067	19:00:00	6304	18:00:13	6590	
		01-07-2023	04:30:00		23:00:00		18:30:00		22:45:00		18:45:00		05:00:00		
		30-05-2023	19:15:00	6281	03:15:00	6647	05:30:00		04:30:00	5995	21:00:00		05:00:00		
	22	29-05-2023	19:15:00	6271	20:15:00	6639	19:30:00	5783	18:00:11	7162	21:00:00	6262	18:00:11	7168	

Figure 18: The Data Table Analysis



To turn on the public street light, click on the "Turn ON" button and then confirm by clicking the "Yes" button.

Figure 19: Turn ON Public Street Light

Turn on the public street light has been completed.

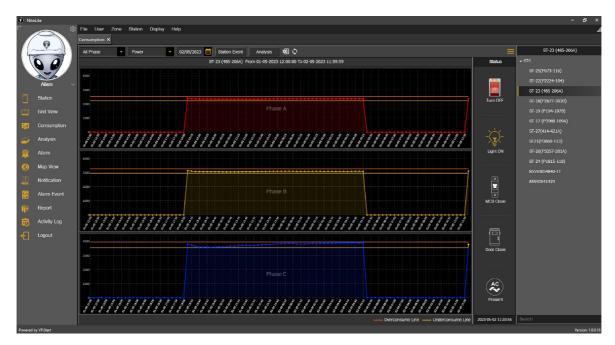


Figure 20: Successfully Turn ON Public Street Light

NiteLite			- 8 ×
	File User Zone Stabion Display Help Consumption X		
	All Phase V Power V 02/05/2023 💼 Station Event Analysis 🗐 🗘		ST-23 (485-206A)
00	ST-23 (465-2064) From 01-05-2023 12:00:00 To 02-05-2023 11:59:59	Status	₄ κτκ
			ST-25(P673-116)
Alien			ST-22(P2224-104)
Station			ST-23 (485-206A)
	2000 Phase A	Turn ON	ST-18(P2677-3038) ST-19 (P194-1078)
Grid View			ST-17 (P3968-109A)
Consumption			ST-27(414-421A)
🕁 Analysis	777777777777777777777777777777777777777	-@-	ST21(P3860-113)
🔞 Alarm		Light ON	ST-26(P3257-201A)
Alap View	VP Bort Do you want to turn OFF?		
_			85593654840-TT
Notification			85593541429
Alarm Event		MCB Close	
report		MCD Close	
Activity Log	777777777777777777777777777777777777777		
← Logout		ā	
		Door Close	
	Phase C		
	7//////////////////////////////////////	Present	
		2023-05-02 11:33:55	Search
Powered by VP.Start			Version: 1.0.0.16

To turn off the public street light, click on the "Turn OFF" button and then confirm by clicking the "Yes" button.

Figure 21: Turn OFF Public Street Light

Turn off the public street light has been completed.

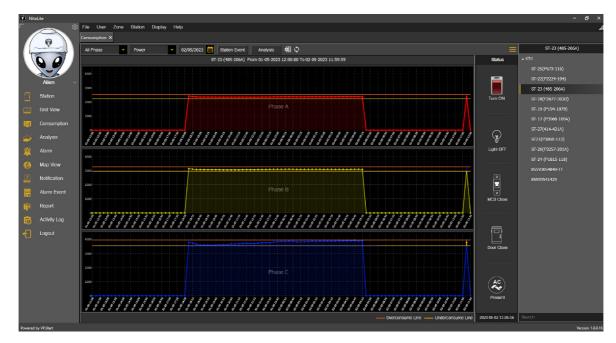


Figure 22: Successfully Turn OFF Public Street Light

6. Analysis

Analysis is utilized for analyzing power consumption, including metrics such as Maximum Consume, Minimum Consume, Overconsume, and Underconsume, presented in graphical and table format.

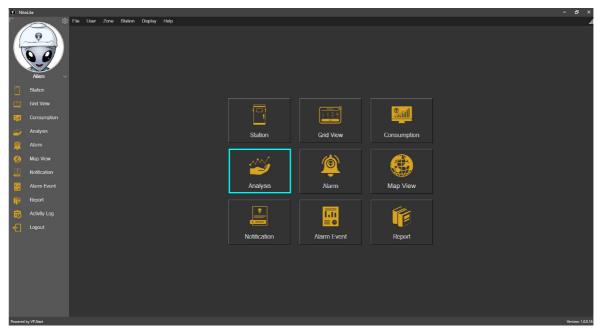


Figure 23: Analysis

Select the SCD name and click on "Graph" to analyze the Max Consume and Min Consume data as a graph.

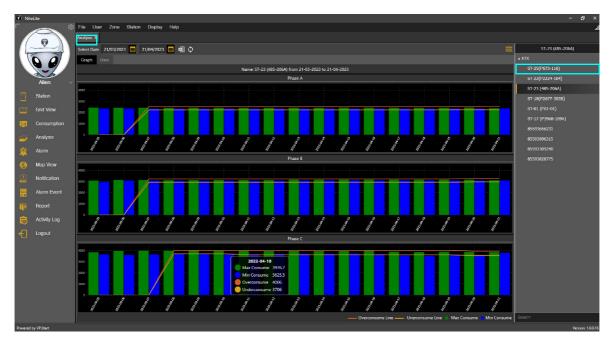


Figure 24 : Analysis Form Graph

Select the SCD name and click "Data" to analyze the Max Consume and Min Consume table formats.

		Date 21/03/	2023 🗰 21/	04/2023 🧰 🛤	10									=	ST-23 (485-206A)
	Grap	h Data													
						Nar	ne: ST-23 (485-20	16A) from 21-03-21)23 to 21-04-202	3					ST-25(P673-116)
Alien				Pha	se A			Pha	se B			Phe	se C		ST-22(P2224-104)
Alich		Date	Min	Lood	Mad	Loed	Min	Loed	Max	: Load	Min	Loed	Ma	e Loed	ST-23 (485-206A)
Station			Time	Power (W)	Time	Power (W)	Time	Power (W)	Time	Power (W)	Time	Power (W)	Time	Power (W)	ST-18(P2677-303B)
Grid View	1		03:30:00	2365	05:00:00	2379	05:00:00	3097	04:00:00		01:15:00	3792	04:30:00	3851	ST-01 (P01-01)
	2	20-04-2023	22:15:00		18:00:13	2442	21:30:00	3096	18:00:13	3162	18:30:00		05:00:00		ST-17 (P3968-109A)
Consumption	3	19-04-2023	20:30:00	2360	18:00:21	2425	05:45:00	3096	18:00:21	3165	18:30:00	3628	02:45:00	3884	85593656231
Analysis	4	18-04-2023	21:30:00		18:00:18		22:00:00	3095	18:00:18	3164	18:30:00		02:00:00	3859	85593696315
	5	17-04-2023	19:15:00	2360	18:00:16	2426	19:30:00	3099	18:00:16		18:30:00	3560	04:00:00	3890	85593309240
Alarm	6	16-04-2023	18:45:00		18:00:13	2428	18:45:00	3099	18:00:13		19:00:00	3660	04:30:00	3969	
Map View	7	15-04-2023	19:15:00		18:00:12	2433	20:45:00		18:00:12		18:15:00	3719	04:00:00	3950	85593828775
	8	14-04-2023	00:15:00		18:00:12		05:45:00		18:00:12		18:15:00		03:45:00	3952	
Notification	9	13-04-2023	18:45:00		18:00:16	2423	04:15:00	3068	18:00:16	3169	19:30:00	3699	04:00:00	3955	
Alarm Event	10	12-04-2023	20:30:00		18:00:30		01:00:00	3063	18:00:30		18:30:00	3666	05:00:00	3944	
Report	11	11-04-2023	19:45:00	2353	18:00:41	2415	20:00:00	3054	18:00:41		18:30:00	3595	03:45:00	3962	
Report	12	10-04-2023	21:30:00		18:00:21		19:00:00	3061	18:00:21		18:45:00	3625	04:00:00		
Activity Log	13	09-04-2023	19:30:00		18:00:15	2428		3044	18:00:15		18:30:00	3664	02:15:00	4003	
Logout	14	08-04-2023	21:45:00		18:00:16		19:30:00	3052	18:00:16		19:30:00	3680	02:15:00		
	15	07-04-2023	22:00:00	2344	18:00:21		22:00:00	3061	18:00:21		18:45:00	3636	03:15:00	3961	
	16	06-04-2023	20:45:00		18:00:15	2422	05:45:00	3069	18:00:15		18:15:00	3592	03:45:00	3960	
	17	05-04-2023	20:45:00		18:00:16		19:00:00		21:30:00	3080	19:00:00	3645	21:30:00	3835	

Figure 25: Analysis Form as Data

Click on 🛅 to view data within a specific date.

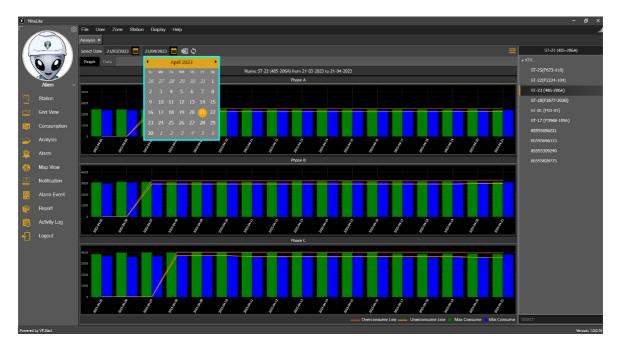


Figure 26: View Analysis Data in the Past Date Range

7.Alarm

In the event of the SDC's door opening or the MCB tripping, an immediate alarm will be transmitted to the NiteLite System Software. Click on "Alarm".

NiteUte Fin User Zone Station Deplay Help Alen Staton				- 0 ×
Grid View Grid View Consumption Analysis	Station	Grid View	Consumption	
Atarm Image: A starm Image: A starm <td></td> <td></td> <td></td> <td></td>				
Alarm Event Ip Activity Log	Analysis	Alarm	Map View	
Cogout	Notification	Alarm Event	Report	
Powered by VP.Start				Version: 1.0.0.1

Figure 27: Alarm Feature

The alarm feature displays SCD information, including the SCD name, VP.Start ID, Zone, Date and details alarm causes.

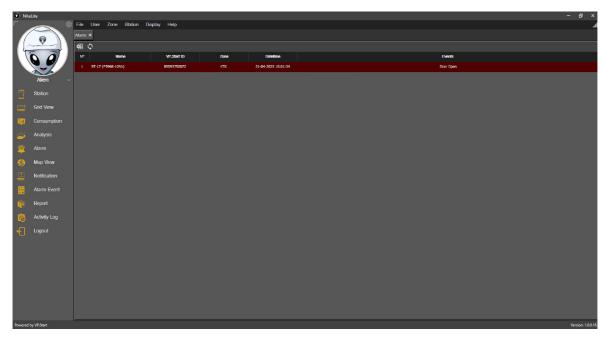


Figure 28: Alarm Interface

8. Map View

The map can monitor SCD locations on Google Maps to help the technical team easily find SCD locations. Click on "Map View".

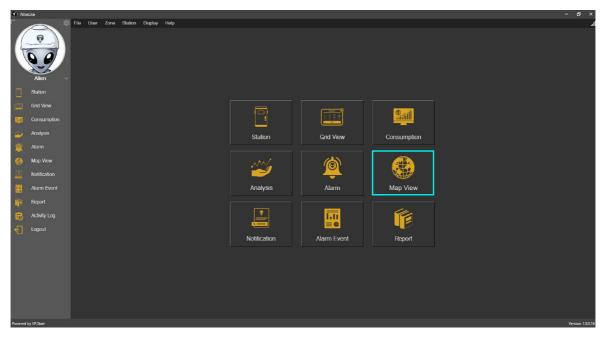


Figure 29: Map View

Zoom in/out to find the SCD locations on the map.

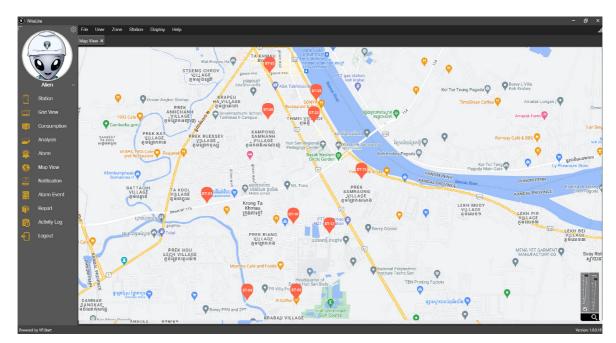


Figure 30: SCD on the Map

9. Notification

When the power consumption of SDC exceeds or falls below the specified limit, it will promptly notify NiteLite System Software. Click on "Notification".

Nieulue File User Zone Station Display Help Alien Alien Station				- 8
Consumption	Station	Grid View	Consumption	
Alarm Map Vicew Mosp Vicew Notification Alarm Event	Analysis	Alarm	Map View	
₩ Report ♣ Activity Log ← Logout	Notification	Alarm Event	Report	
Powerd by WStart				Version

Figure 31: Notification

Notification displays information related to SCD, including the SCD name, VP.Start ID, Zone, Date, Phase, and problem causes. This information is crucial for understanding and addressing the issues at hand.

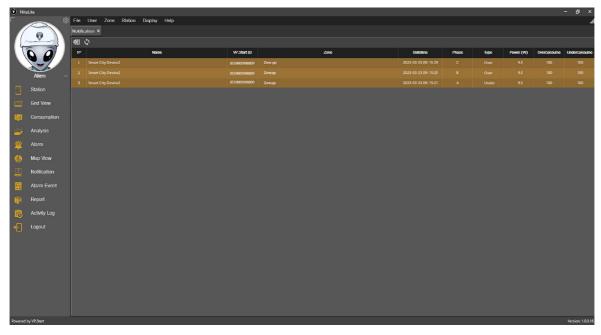


Figure 32: Alarm Interface

10. Alarm Event

Alarm Event stores all historical information of SCDs occurrences, such as MCB trips or Door Open events. This feature ensures that every alarm event is recorded for future reference and analysis. Click on "Alarm Event".

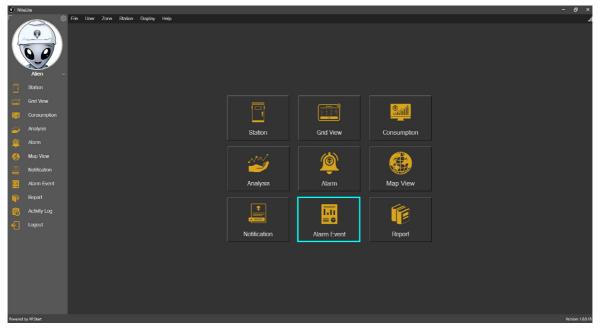


Figure 33: Alarm Event

Alarm Event displays information related to SCD, such as the SCD name, VP.Start ID, Zone, Date, and problem causes.

	Select	: Date 21/03/2023 💼	21/04/2023 🗮 🕯	All Zone 🤜	Search Q	曲り				
a	Nº	Name	Zone	VP.Start ID	Datetime	Door	Light	Source	MCB	Events
-7/-		ST-17 (P3958-109A)		85593750072	21-04-2023 10:01:34	Open		Present		Door Open
ien v		ST-17 (P3968-109A)		85593750072	21-04-2023 10:00:25	Open		Absence		MC8 Trip
tion		ST-25(P673-116)		85593244090	15-04-2023 17:28:49	Close		Absence	Close	Source Absence
		ST-18(P2677-303B)		85593248809	15-04-2023 17:28:48	Close		Absence	Close	Source Absence
I View		ST-25(P673-116)		85593244090	05-04-2023 13:42:52	Open		Present	Close	Door Open
sumption		ST-25(P673-116)		85593244090	05-04-2023 13:24:24	Close		Absence	Close	Source Absence
ilysis		ST-22(P2224-104)		85593538482	05-04-2023 11:56:29	Open		Present	Close	Door Open
		ST-22(P2224-104)		85593538482	05-04-2023 11:56:11	Open		Present	Close	Door Open
		ST-22(P2224-104)		85593538482	05-04-2023 11:43:07	Open		Absence		MCB Trip
o View		ST-22(P2224-104)		85593538482	05-04-2023 11:42:51	Open		Present	Close	Door Open
fication		ST-22(F2224-104)		85593538482	05-04-2023 11:13:11	Open		Absence		Door Open
		ST-25(P673-116)		85593244090	05-04-2023 10:14:29	Close		Absence	Close	Source Absence
m Event		ST-25(P673-116)		85593244090	05-04-2023 09:59:58	Open		Present	Close	Door Open
		ST-25(P673-116)		85593244090	05-04-2023 09:59:21	Open		Present	Close	Door Open
vity Log		ST-25(P673-116)		85593244090	05-04-2023 09:59:09	Open		Present	Close	Door Open
		ST-25(P673-116)		85593244090	05-04-2023 09:58:47	Open		Present	Close	Door Open
		ST-25(P673-116)	KIK	85593244090	05-04-2023 09:57:37	Open	OFF	Present	Close	Door Open

Figure 34: Alarm Event Data

Click on 🛅 to view data by specific date.

Nite											- 8 ×
	×	File	User Zone Station	Display Help							la.
		Alarm	Event ×								
		Select	t Date 21/03/2023 🗰 🛛	21/04/2023 🗰 .	All Zone 🗸	Search Q	曲ぐ				
	Q 0	NP	 March : 	2023 🕨	VP.Start ID	Datetime	Door	Light	Source	MC8	Events
			ST-17 Su Mo Tu We	: Th Fr Sa	85593750072	21-04-2023 10:01:34	Open		Present	Close	Door Open
	Alien v		st-17 26 27 28 1	234	85593750072	21-04-2023 10:00:25	Open		Absence		MCB Trip
(3)	Station		st-25 5 6 7 8	9 10 11	85593244090	15-04-2023 17:28:49	Close		Absence	Close	Source Absence
	36000		ST-18 12 13 14 15	16 17 18	85593248809	15-04-2023 17:28:48	Close		Absence	Close	Source Absence
	Grid View		ST-25 19 20 21 22	23 24 25	85593244090	05-04-2023 13:42:52	Open		Present	Close	Door Open
	Consumption		ST-25 26 27 28 29		85593244090	05-04-2023 13:24:24			Absence	Close	Source Absence
and	A		ST-22 2 3 4 5	678	85593538482	05-04-2023 11:56:29	Open		Present	Close	Door Open
~	Analysis		ST-22(P2224-104)	KTK	85593538482	05-04-2023 11:56:11	Open		Present	Close	Door Open
<u>à</u>	Alarm		ST-22(P2224-104)		85593538482	05-04-2023 11:43:07	Open		Absence		MCB Trip
0	Map View		ST-22(P2224-104)		85593538482	05-04-2023 11:42:51	Open		Present	Close	Door Open
			ST-22(P2224-104)		85593538482	05-04-2023 11:13:11	Open		Absence		Door Open
	Notification		ST-25(P673-116)		85593244090	05-04-2023 10:14:29	Close		Absence	Close	Source Absence
	Alarm Event		ST-25(P673-116)		85593244090	05-04-2023 09:59:58	Open		Present	Close	Door Open
1	Report		ST-25(P673-116)		85593244090	05-04-2023 09:59:21	Open		Present	Close	Door Open
			ST-25(P673-116)		85593244090	05-04-2023 09:59:09	Open		Present	Close	Door Open
EQ.	Activity Log		ST-25(P673-116)		85593244090	05-04-2023 09:58:47	Open		Present	Close	Door Open
€	Logout		ST-25(P673-116)	ктк	85593244090	05-04-2023 09:57:37	Open	OFF	Present	Close	Door Open
Powered	by VP.Start										Version 1.0.016

Figure 35: Checking Data by Date

All Zones allows operators to display the SCD in a specific zone. Operators can search for SCD names using the search box Search . As well as download an Excel report by clicking on 👜 .

Alier		Name ST-17 (P3968-109A) ST-17 (P3968-109A)	100000000	NI Zone KTK	Dutetime 21-04-2023 10:01:34	Door	Light	Source	1100	
			KIK L	ak	21-04-2023 10:01:34				MCB	Events
		ST-17 (P3968-109A)	VTV			Open		Present	Close	Door Open
Station				85593750072	21-04-2023 10:00:25	Open		Absence		MCB Trp
Station		ST-25(P673-116)		85593244090	15-04-2023 17:28:49	Close		Absence	Close	Source Absence
		ST-18(P2677-303B)		85593248809	15-04-2023 17:28:48			Absence	Close	Source Absence
Grid V	iew	ST-25(P673-116)		85593244090	05-04-2023 13:42:52	Open		Present	Close	Door Open
Consu	umption	ST-25(P673-116)		85593244090	05-04-2023 13:24:24	Close		Absence	Close	Source Absence
		ST-22(P2224-104)		85593538482	05-04-2023 11:56:29	Open		Present	Close	Door Open
Analys	SIS	ST-22(P2224-104)		85593538482	05-04-2023 11:56:11	Open		Present	Close	Door Open
Alarm		ST-22(P2224-104)		85593539482	05-04-2023 11:43:07	Open		Absence		MCB Trp
Map V	/iew	ST-22(P2224-104)		85593538482		Open		Present	Close	Door Open
		ST-22(P2224-104)		85593538482	05-04-2023 11:13:11	Open		Absence		Door Open
Notific	ation	ST-25(P673-116)		85593244090				Absence	Close	Source Absence
Alarm	Event	ST-25(P673-116)		85593244090	05-04-2023 09:59:58	Open		Present	Close	Door Open
Report	t	ST-25(P673-116)		85593244090	05-04-2023 09:59:21	Open		Present		Door Open
		ST-25(P673-116)		85593244090	05-04-2023 09:59:09	Open		Present	Close	Door Open
Activity	y Log	ST-25(P673-116)		85593244090	05-04-2023 09:58:47	Open		Present	Close	Door Open
Logou		ST-25(P673-116)	ктк	85593244090	05-04-2023 09:57:37	Open	OFF	Present	Close	Door Open

Figure 36: Zone, Search and Export Excel

11. Report

The operator has the ability to access Report tools that provide an overview of historical SDC information, including past alarms and notifications. Click on "Report" to access this information.

NiteLite File User Zone Station Doplay Help Jien Station				× 6 – Ir
- Grid Vicow Consumption Analysis Atam	Station	Grid View	Consumption	
Map View Notification Ref. Alarm Event	Analysis	Alarm	Map View	
解释 Report 記 Activity Log 和目 Logout	Notification	Alarm Event	Report	
Powered by VP.Start				Version: 1.0.0.16

Figure 37: Report

Report tool stores and displays information related to SCDs, including SCD, VP.Start ID, Zone, Door Open, Energy consumption, power source interruption, overconsumption, and underconsumption, along with the total number of alarms.

	Re	lect Date 01/0	7/2023 🗰 01/08/2023 🗰 Sca	on 🕫	۵		All Stations from	om 01-07-20	23 to 01-08-20						
00	100								Energy (kWh)			Am	ount Alarm and Notifi	cation	
		¥°	Name	M N	Start ID	Zone		From		Consumption	Door Open	MC8 Trip	Source Absence	Overconsume	Underconsul
No.		1 Demo Device	60777												
Alien		2 ST-01 (D010-	-205C)					7466.95	14610.8	7143.94					
Station		3 ST-02 (P310						1406.92	2847.27	1440.35					
		4 ST-03 (P198)	7-203C)				+	4405.71	8855.82	4450.11					
Grid View		5 ST-04 (P267	8-205)					3741.08	6027.43	2286.35					
Consumption		6 ST-05 (P129	8-1060)												
		7 ST-06 (P414-	-116A)		39611656			2941.1	5908.83	2967.73					
Analysis		8 ST-07 (P179						2493.89	4885.07						
		9 ST-08			39941565		2	2638.93		2678.74					
		10 ST-09 (P891-						3719.37							
Map View				855	39071565				253.81						
Notification								2133.04	4229.54	2096.50					
								3456.93	6627.56	3170.63					
Alarm Event		14 ST-13 (P236-	301A)					7363.93	11414.84	4050.91					
Report		15 ST-14 (0PS2	10-207C)		9870565			7755.91	12193.89	4437.98					393
Activity Log		16 ST-15 (P237-	-508)				•	9627.27	6762.32						
ACTIVITY EOG		17 ST-16 (P164	9.202)		39901658		9	5025.15	7502.44						
Logout		18 ST-17 (P396	8-109A)					5746.43	7878.28	2131.85					
		19 ST-18 (P267	7 3038)		29908824			12.58	851.25	838.67					
		20 ST-19 (P194			39452514			8702.25		3248.79					
		21 ST-20 (P268	4-220)		19301565				9460.96					280	
		22 ST-21 (P386)						2006.83	2895.21	888.38					
		23 ST-22 (P2224	4-104)	855	99284353			5489.39	7453.99	1964.60					
		24 ST-23 (485-2	106A)				9	9941.05		3970.56					
		25 ST-24 (P181)	5-118)	855	8677828		11	1678.43	16342.21	4663.78					
		26 ST-25 (P673-						3210.13	4344.31	1134.18					
		27 ST-26 (P325)		955	8034029			1750.82	2512.61	761.79					

Figure 38: Report Data

12. Activity Log

The Activity Log records every operational activity within the NiteLite System Software. Click on "Activity Log".

Nitel		File	User Zone Station	n Display Help		- 8
$\left(\right)$		Alarm	Event ×			
1-	<u>v</u>		Date 21/03/2023 🧰	21/04/2023 🗰 Search	Q	通ぐ
1		Nº	Name	Datetime	Type	Events
1			kandal	21-04-2023 14:06:53		Usemanne: kandal
	Alien		kandal	21-04-2023 13:36:16	Login	Usemame: kandal
			Alien	21-04-2023 13:24:29	Login	Usemanne: Allen
	Station		Alion	21-04-2023 13:23:23	Logout	Usemanne: Alleri
	Grid View		kandal	21-04-2023 12:38:23	Login	Usemanne: kandal
61	Consumption		Allen	21-04-2023 11:43:25	Update	ZoneName: KTK/Note: Krong Ta Khmau
			Alien	21-04-2023 11:43:18	Update	ZoneNames KTK,Note: Krong Ta Khmau
9	Analysis		Alien	21-04-2023 11:34:17	Login	Username: Alien
2	Alarm		Alien	21-04-2023 11:33:47	Login	Usemanne: Allen
	Map View			21-04-2023 11:33:08	Logout	Usemanne: Alten
	Notification		kandal	21-04-2023 11:18:41	Update	Staton: ST-10 (P104-1079),Psin1: 30,Psin2: 0,Psin3: 0, Lattude: 11.4598416044606, Longthade: 104.908341643947, Note: St.115 Ta Kidd Village Total lamp: , Remark: Add picture
- A	Alarm Event		kandal		Update	Sator: SI-17 (P3968-109A),Polet: 16,Pole2: 1,Pole2: 2, Lastude: 11.4777574612857, Longitude: 104.947137826905, Note: SI:10 Total lamp: , Remark: Change photo
	Report		Alien	21-04-2023 11:01:20	Login	Username: Aler
8	Nepon		kandal	21-04-2023 10:52:49	Login	Ukemanis: kandal
5	Activity Log		kandal	21-04-2023 10:49:00	Login	Username: kandal
	Logout		Allen	21-04-2023 10:22:47	Login	Usemanna: Allen
			Alien	21-04-2023 10:18:04	Login	Username: Allen
				21-04-2023 10:14:15	Logout	Userrame: Alien
			Alien	21-04-2023 10:10:17	Alarm	Actnowledgement of ST-17 (P3068-109A) VP-StartID 85593750072 Alarm: Door Open
				21-04-2023 09:40:18	Login	Username: Allen
			Alien	21-04-2023 09:39:49	Logout	Username: Allen
			Allen	21-04-2023 09:39:05		Username: Allen
			Allen	21-04-2023 09:38:58	Logout	Username: Allen
			Alien	21-04-2023 09:38:32		Username: alien

Figure 39: Activity Log

Click on 💼 to view previous data. Operators can search for SCD names using the search box Search As well as download an Excel report by clicking on 👜 .

😧 Nite						- 8 ×
			User Zone Station	Display Help		h.
		Alarm	Event ×			
		Select	Date 21/03/2023 🧰	21/04/2023 🗰 Searcl	n Q	· · · · · · · · · · · · · · · · · · ·
			 March 	2023	Type	Events
			kand <mark>i</mark> Su Mo Tu Wi	a Th Fr Sa <mark>c</mark> 53	Login	Usemane: kandal
	Alien V		kand: 26 27 28 1	2 3 4 <mark>c16</mark>		Usemane: Kandal
	Station		Alien 5 6 7 8	9 10 11 <mark>:</mark> 29	Login	Username: Allen
			Alen 12 13 14 15	5 16 17 18 <mark>:</mark> 23	Logout	Username: Allen
	Grid View		kand 19 20 <mark>21</mark> 22	23 24 25 <mark>2</mark> 3		Username: kandal
601	Consumption		Alien 26 27 28 29) 30 31 <i>1</i> 25	Update	Zonaklamac KTK,Nota: Kiong Ta Khimau
and .	Analysis		Alien 2 3 4 5	678 ²¹⁸	Update	Zonakiame: KTK,Note: Krong Ta Khmau
~	Analysis		Alien	21-04-2023 11:34:17		Usernama: Allen
٢	Alarm		Alien	21-04-2023 11:33:47	Login	Usernamis Allen
	Map View		Alien	21-04-2023 11:33:08	Logout	Username: Allen
	Notification		kandal	21-04-2023 11:18:41	Update	Sator: 51-19 (1194-1070),/sie1: 20,/sie2: 0,/sie3: 0, Lathude: 11.459441834, Longitude: 104.338341943237, Note: St.115 Ta Kool Village Total lamp: , Remark: Add picture
	Alarm Event		kandal	21-04-2023 11:04:55	Update	Sator: 51-17 (73968-1044),Polet: 16,Pole2: 1,Pole2: 2, Lattude: 11.4777574612857, Longitude: 104.947137806405, Note: 51.10 Toulitamp: , Remark: Change photo
1	Report		Alien	21-04-2023 11:01:20	Login	Uzemanie: Alien
-			kandal	21-04-2023 10:52:49	Login	Usemane: kandal
Ð	Activity Log		kandal	21-04-2023 10:49:00	Login	Usermanne: kandal
€	Logout		Alien	21-04-2023 10:22:47		Usemane: Alion
			Alien	21-04-2023 10:18:04	Login	Usemane: Alion
			Alien	21-04-2023 10:14:15	Logout	Username: Alien
			Alien	21-04-2023 10:10:17	Alarm	Acronoviedgement of 91-17 (P3968-109A) VP-StartD 95593750072 Alarm: Door Open
			Alien	21-04-2023 09:40:18		Usemanne: Allen
			Alien	21-04-2023 09:39:49	Logout	Username: Allen
			Alien	21-04-2023 09:39:05		Username: Allen
			Alien	21-04-2023 09:38:58	Logout	Username: Allen
			Alien	21-04-2023 09:38:32		Username: allen
Descende	bur VD Chart					Number 10016

Figure 40: Activity Log Data

13. File

13.1. Logout

To Logout of the NiteLite System Software, click on "File" and then select "Logout".

Nindule This User Zone Station Doplay Help Logend Cose Station Station				-
Gnd Vinw Consumption Analysis	Station	Grid View	Consumption	
Atarm Atarm				
👶 Map View	<i>~</i>	<u></u>		
Alarm Event Report	Analysis	Alarm	Map View	
🕡 Activity Log				
- Logout	Notification	Alarm Event	Report	
owered by VP.Start				Versio

Figure 41: Logout NiteLite Software

13.2. Close

To close the NiteLite System Software, click on "File" and then select "Close".

🐨 NiteLite Г 🛛 🍣 File User Zone Station Display Help				
Alien v				
Station				
Grid View		<u>و</u>	© ~1	
200 Consumption				
🥁 Analysis	Station	Grid View	Consumption	
🙊 Alarm				
🍓 Map View	~~~	<u>(</u>		
Notification		- 🏯 -		
Alarm Event	Analysis	Alarm	Map View	
🎼 Report				
👼 Activity Log				
Logout	Na 66 an Aires			
	Notification	Alarm Event	Report	
Powered by VP.Start				

Figure 42: Close NiteLite Software

'14. User

The "User" section allows admin user to manage, edit and create new user.

14.1. Manage User

To manage a user, click on "User" and then select "Manage User".

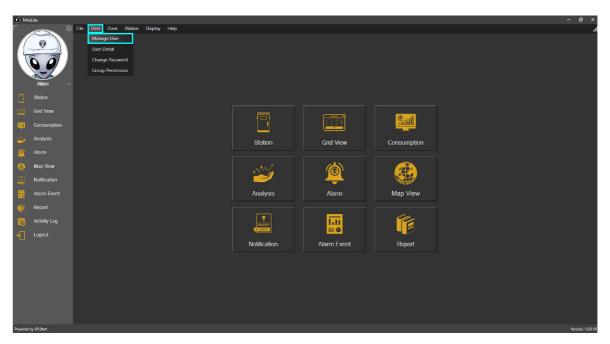


Figure 43: Management User

14.1.1. Modify User

Select the operator name for user modification:

- Full Name: Name of the user.
- Username: The user to log in to the NiteLite System Software.
- Employee ID: ID or user ID of the user.
- **Position**: The position or role of the user.
- **Phone**: The user's phone number.
- **Email**: The email address of the user.
- Locaion: The location of the user.
- Address: The address of the user.
- Created By: The user who created this entry.

After editing, click the "Update" button, click the "Yes" button.

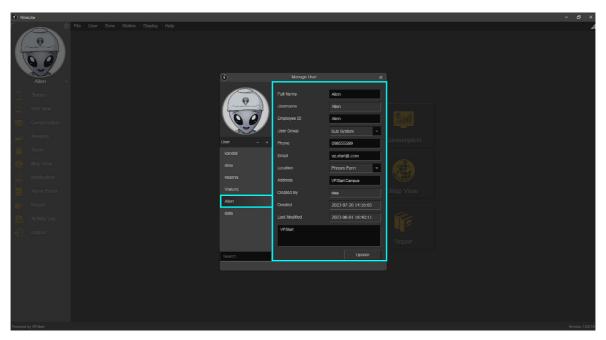


Figure 44: Modify User

14.1.2. Create User

To create a new user, click on "Manage User" and then click on the "+" sign (Add New)

- Full Name: Name of the user.
- **Username:** The user to log in to the NiteLite System Software.
- **Password:** Create a password to access the NiteLite System Software.
- Verify Password: Confirm the password by entering again.
- Employee ID: ID or user ID of the user.
- **Phone:** The user's phone number.
- **Email:** The email address of the user.
- **User Group:** Define the user group by specifying the desired user group.
- Location: The location of the user.
- **Address:** The address of the user.

After filling in the new user data, click on "Create" and then confirm by clicking the "Yes" button.

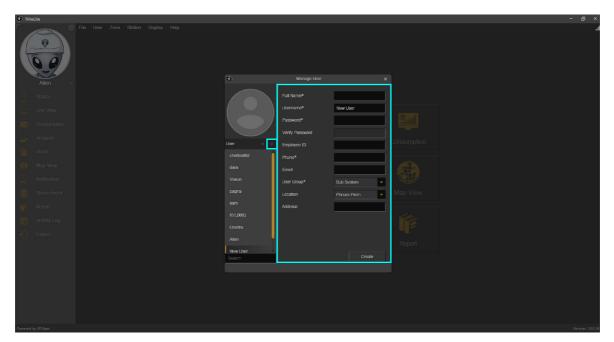


Figure 45: Create User

14.1.3. Delete User

To delete a user, click on "Manage User", select the name of the user to be deleted, and then click on the "-" (Delete) sign. Finally, click on the "Yes" button to confirm the deletion.

Riscitae Station Display Help Station Display Help				_		× ۵ – ا،
Alien	0					
Station			dara chan			
Grid View			dara			
Consumption		Employee ID	VP001			
			Sub System 🗸			
Analysis	User - +		098764247			
Alarm Alarm	chettra002		rt.com			
Map View	dara 🖉	Are you sure	2? h 💌			
E Notification	Voeun	NO	YES			
Alarm Event	Alien					
Report	pagna					
Activity Log	sam	Last Modified				
		VP.Start				
Logout	•					
	-	ON O Unblock	Update			
	Search	Cit O Olitzada				
Powered by VP.Start						Version: 1.0.0.16
Powered by VPDaint						version: 1.0.0.16

Figure 46: Delete User

14.2. User Detail

To check user data and manage it in NiteLite System Software, please click on "User Detail".

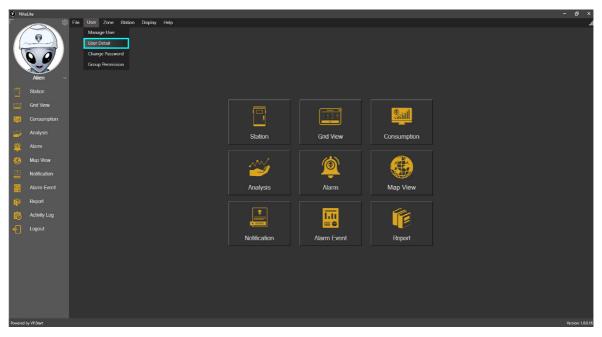


Figure 47: User Detail

Select the user name to view the user data and management rights.

Fite Unor Zone Station Display Help	Ō		User Detail		×	× ۵ - اس
Alien				Permission		
Station		Full Name Username	Alien	Enable Permission	V	
Grid View	00			Create Subsystem	V	
		Employee ID	VP-001	Modily User	V	
Consumption	User	User Group	Admin	Madity Zane	V	
🍲 Analysis	kandal	Phone	098555589			
🚊 Alam	dina	Email	info@vpstart.com	View Alarm	~	
Map View	veasna			Acknowledge Alarm	⊻	
	Voeun1	Location	Phnom Penh	View Alarm Event	~	
Notification	Alien	Address	VP.Start Campus	Modify Station	V	
Alarm Event	data	Create By	admin	Setting Station	V	
i Report		Created	2023-07-20 14:16:03	Remote Station	<u>~</u>	
R Activity Log		Last Modify	2023-07-20 14:16:03	Export Report	V	
Logout		Status	Unblock			
		Remark				
	Search					
Powered by VP.Start						Version: 1.0.0.16

Figure 48: The User Data and Management Rights

14.3. Change Password

To change the password in the user account for any user, click on "Change Password".

Niekuła File User Zone Statkon Dopławy Holp Manage User User User User User Charge Possword Group Permission Group Permission Group Permission				-
📰 Gnd View				
🕁 Analysis	Station	Grid View	Consumption	
🙊 Alarm				
🍪 Map View	~~ <u>~</u>	<u></u>		
Notification		~		
Reference Alarm Event	Analysis	Alarm	Map View	
🎁 Report				
💼 Activity Log				
Logout	Notification	Alarm Event	Report	
	Noulication	Manneven	керон	
wered by VP.Start				

Figure 49: Change Password

- Current Password: Enter the current password of the user.
- New Password: Enter a new password in the "New Password" field.
- Verify Password: Confirm the password by entering it again.

To change the password, click on the "Change" button and then confirm by clicking the "Yes" button.

To close the function tab, click on the "Close" button.

Norde File User Zone Station Deploy Help Alter Station		-	× ع ا،
Card Wew Gorsamption Analysis	Change Password Sta		
Abarm Map View Notification Adam Event			
Addimini Exclusion Addimini Exclusion Addimini Exclusion Addimini Account AddiminiAccount Addimini Account	Close Change		
Rowerd by VP.Start			

Figure 50: Chang User Password

14.4. Group Permission

The administrator user possesses the capability to assign any users to the Group Permission, thereby granting them access rights at various levels. click on "Group Permission".

Nature File User Zona Station Deploy Help Manage User User Debai Charge Personand Charge Personand Charge Permission Station				× 9 – ار
Grid Wew Grid Wew Consumption	Station	Grid View	Consumption	
Abarm Abarm Map View Abarm Abarm Abarm Event	Analysis	Alarm	Map View	
IPP Report	Notification	Alarm Event	Report	
Romered by VR.Start				Version: 1.00.16

Figure 51: Group Permission

Select a group of administrative rights, and assign rights by tick " 🗸 " the corresponding permissions, such as:

- Enable the Permission: Option to grant the user the ability to set software management rights.
- Modify User: Modify a User.
- Modify Zone: Modify a Zone.
- View Alarm: View alarms.
- Acknowledge Alarm: An alarm and analyze.
- View Alarm Event: To view alarm events and check for alarm information.
- Modify Station: To modify a station.
- Setting Station: To configure a station and set the SCD master.
- **Remote Station:** To remotely access a station and manage the SCD.
- **Export Report:** To export a report and download as an Excel file.

Click on "Apply", and then click on the "Yes" button to confirm.

To add a group management right, click on the "+" sign. To delete a group management, click on the "-" sign.

To close a function tab, click on the "Close" button.

(*) NiteLite						- 6
File User Zone Station Dieplay Help						
	()					
Alien v		- + Permission	×			
Station	Admin	Enable Permission	~			
Grid View	Test Group01	Create Subsystem	~			
Consumption		Modify User	2	O _{nili} li		
		Modify Zone	~			
Analysis		View Alarm	~	sumption		
Alarm Alarm		Acknowledge Alarm	~			
- 🧐 Map View		View Alarm Event	~			
Notification		Modify Station	~			
Alarm Event		Setting Station	Z	ap View		
Fier Report		Remote Station	~			
Activity Log		Export Report	<u>~</u>	í des		
Logout						
				Report		
	Search	Close				
Powered by VP.Start						

Figure 52: Modify Zone

15. Manage Zone

To ensure seamless management of SDCs, it is imperative to possess the capability to create, delete, and edit zotnes. click on "Zone" and then click on "Manage Zone".

NiteLife Fin User Zone Slation Deploy Help Manage Zone Station Station				- 6 x
 Stalion Grid View Consumption Analysis 	Station	Grid View	Consumption	
Alarm Alarm Map View Notification Alarm Event	Analysis	Alarm	Map View	
■ Audimit Evenix 能 Report 記 Activity Log ← Logout			F	
	Notification	Alarm Event	Report	
Powerd by VP.Sart				Version: 1.0.0.1

Figure 53: Manage Zone

To modify the selected zone name, click on "Zone Modify" and then click on the "Update" button.

After that, click on the "Yes" button.

Show Zone click on "+" sign to add zone or click on "-" sign to delete zone.

Click on the button "Close" to close a function tab.

1 NiteLite				-	ď ×
File User Zone Station Display Help					.at
Alien	۲	Manage Zone	×		
Station	All Zone - + KTK	Name	ктк		
Grid View		Created By			
Consumption		Created		Sail	
🥁 Analysis		Last Modified	2023-07-06 14:32:05	Insumption	
🏨 Alarm		Demo			
🛞 Map View					
E Notification					
Alarm Event				/lap View	
i Report					
📸 Activity Log					
Logout					
				Report	
	Search	Close	Update		
Powered by VP.Start				Vers	ion: 1.0.0.16

Figure 54: Modify Station

16. Station

Control SCD such as Modify Station, Setting Station, Manage Station, Notification Alarm and Alarm Events Station Event click on "Station".

16.1. Modify Station

Modify SCD and click on "Modify Station".

NiteLite				
File User Zone Station Depty Help Modely Station Station Front Alien				
Station				
Grid View				
Consumption				
🎽 Analysis	Station	Grid View	Consumption	
Alarm				
😝 Map View		<u>(</u>		
Notification Airm Event	Analysis	Alarm	Map View	
Report	Analysis		map view	
📭 report	\$			
Logout		=e		
	Notification	Alarm Event	Report	
wered by VP.Start				Version: 1./
	Figure 55: M			

To modify SCD's information such as the SCD Name, SCD VP.Start ID, SCD Serial, SCD Serial Cabinet, Amount of Poles for Phase A, Phase B, Phase C, Location, Latitude, Longitude, Created By, Created Date, Last Modified Date, Remark and Note. Click on "Update" button and Click on "Yes" button.

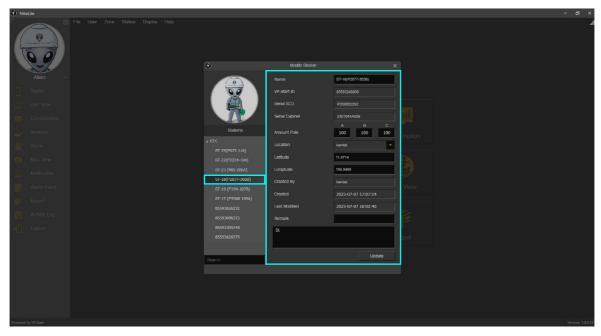


Figure 56: Modify Station Interface

16.2. Setting Station

Setting Station SCD such as Consumption, Alarm Setting and Light Setting click on "Setting Station".

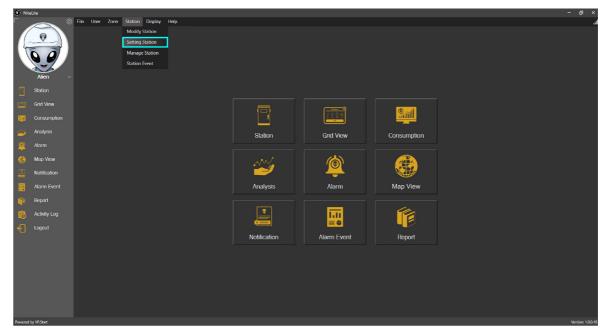


Figure 57: Setting Station

Select name SCD ៖

Consumption such as Average Consumption, Overload, Under Load and Enable Notification by sign " \checkmark ".

The settings must be configured for the files used in Phase A, Phase B, and Phase C.

Alarm Settings such as MCB Trip Enable, Door Open Alarm Enable, Source Alarm Enable.

Light Setting such as Schedule On, Sunset/Sunrise, Light On and OFF Time and Modem.

Setting Station click on button "Apply Change" and then confirm by clicking on the "Yes" button. To close a function tab, click on the "Close" button.

Nieclas File Uner Zone Altern					× ۵ - ار
Station	0	Setti	ng Station	×	
	Stations 🗘		Station Name: ST-23 (185-206A)		
Grid View	⊿ KTK	Phase A	Phase B	Phase C	
Consumption	ST-25(P673-116)	Average Consumtion 6567 🗘	Average Consumtion 3115 🗘	Average Consumtion 3798 🗘	
Analysis	ST-22(P2224-104)	Over Load 704	Over Load 150	Over Load 150	
(d) Alarm	ST-23 (485-206A) ST-18(P2677-3038)	Under Load 608	Under Load 150	Under Load 250	
Alarm	ST-18(P2677-3038) ST-19 (P194-1078)	Enable Notifcation	Enable Notification	Enable Notifcation	
🍏 Map View	ST-17 (P3968-109A)				
	85593656231	Alarm Setting	Light S	l Settina	
Alarm Event	85593696315				
	85593309240	MCB Trip Alarm ON O	Schedule ON	Follow Zone Schedule OFF	
👘 Report	85593828775	Door Open Alarm ON O		Light On Time Light OFF Time	
Logout		Source Absence Alarm ON 🔵	Modem Edit	18:00 -	
	Search			Cancel Apply Change	
Powered by VP.Start					Version: 1.0.0.16

Figure 58: Setting Station Interface

16.3. Manage Station

NiteLite File User Zone Station Deplay Help Modify Station Manage Station Juice Juice Station Station				× دو – اړ
→ Grid View Grid View Consumption Analysis	Station	Grid View	Consumption	
Alarm Alarm Map View Notification Alarm Event	Analysis	Alarm	Map View	
P Report この そこのは	Notification	Alarm Event	Report	
Powered by VP.Start				Version: 1.0.0.16

To set up the SCD and manage stations in each area, click on the "Manage Station".

Figure 59: Manage Station

Select the zone name from the list of All Zone and drag the SCD name in the Station into the zone name.

Click on button "Apply Change" and then confirm by clicking on the "Yes" button.

File User Zone Station Deptay Help				- 8
	۲	Manage Station	- 🗆 ×	
	Station	ктк	All Zone	
	85593654840	85593309240 85593656231	ктк	
	ST-18(P2677-303B)	85593656231 85593696315		
		85593828775		
		ST-17 (P3968-109A)		
		ST-19 (P194-107B)		
		ST-22(P2224-104)		
		ST-23 (485-206A)		
		ST-25(P673-116)		
	Search	Apply	Search	
owered by VP.Start				Version:

Figure 60: Set Up Station into Zone

16.4. Station Event

To view the report data for Notification Events and Alarm Events related to a station, click on "Station Event".

NiteLite				 - 6 ×
File User Zone Station Display Help				al.
Modify Station				
Setting Station Manage Station				
Station Event				
Alien				
Station				
Grid View				
weight Consumption			<u>Sail</u>	
🕁 Analysis	Station	Grid View	Consumption	
🔞 Alarm	Otation		Consumption	
😵 Map View	~~ <u>~</u>	<u>(</u>		
Notification	-			
Alarm Event	Analysis	Alarm	Map View	
🎁 Report				
Rectivity Log				
Eugout	Notification	Alarm Event	Dened	
	NOUIICAUON	Alarm Event	Report	
Powered by VP.Start				Version: 1.0.0.16

Figure 61: Station Events

Select SCD name, check Notification Events and Alarm Events. Operators can search for SCD names using the search box Search . As well as download an Excel report by clicking on 👜 .

0	Station	Event ×														
								Name: ST-23 (485-206A) Zone: H	ак						=	
00	Scare	ch 🔍	曲へ	Notifi	cation Even	ts			Searc	th <mark>Q</mark>	通なる	Alarm Events				⊿ KTK
<u>-</u> //	Nº	Datelime	Phase	Туре	Power (W)	Overconsume U	nderconsume	Events	N ^a	Datetime	Source	MCB	Light	Door	Events	ST-25(P673-116)
Alien	~ 1	18-04-2023 19:37:54		Under	3588	4006	3606	Phase C total is under 18W	1	21-04-2023 10:01:34	Present	Close		Open	Door Open	ST-22(P2224-104)
	2	18-04-2023 19:26:48		Under		4006	3606	Phase C total is under 11W	2	21-04-2023 10:00:25	Absence			Open		ST-23 (485-206A)
Station	3	18-04-2023 19:19:49		Under	3596	4006	3606	Phase C total is under 10W	3	01-01-2004 00:08:28	Present	Close	OFF	Open	Door Open	ST-18(P2677-303B)
Grid View	4	18-04-2023 18:43:32		Under	3605	4006	3606	Phase C total is under 1W								ST-19 (P194-107B)
Consumption	5	18-04-2023 18:40:28		Under	3605	4006	3606	Phase C total is under 1W								ST-17 (P3968-109A)
	6	18-04-2023 18:38:25		Under	3602	4006	3606	Phase C total is under 4W								85593656231
Analysis	7	18-04-2023 18:10:16		Under	3590	4006	3606	Phase C total is under 16W								85593696315
Alarm	8	18-04-2023 18:08:13		Under	3598	4006	3606	Phase C total is under 8W								85593309240
Map View	9	17-04-2023 19:41:55		Under	3597	4006	3606	Phase C total is under 9W								85593828775
map ticm	10	17-04-2023 19:15:48		Under	3603	4006	3606	Phase C total is under 3W								
Notification	11	17-04-2023 19:11:41		Under	3603	4006	3606	Phase C total is under 3W								
Alarm Event	12	17-04-2023 18:57:35		Under	3590	4006	3606	Phase C total is under 16W								
	13	17-04-2023 18:48:32		Under	3597	4006	3606	Phase C total is under 9W								
Report	14	17-04-2023 18:13:17		Under		4006	3606	Phase C total is under 9W								
Activity Log	15	17-04-2023 18:11:13		Under	3603	4006	3606	Phase C total is under 3W								
Logout	16	11-04-2023 18:33:05		Under	3603	4006	3606	Phase C total is under 3W								
	17	11-04-2023 18:28:58		Under	3601	4006	3606	Phase C total is under SW								
	18	11-04-2023 18:25:54		Under	3595	4006	3606	Phase C total is under 11W								
	19	11-04-2023 18:21:51		Under	3602	4006	3606	Phase C total is under 4W								
	20	09-04-2023 20:45:46		Under		4006	3706	Phase C total is under 1W								
	21	09-04-2023 20:42:36		Under	3701	4006	3706	Phase C total is under SW								
	22	09-04-2023 20:16:25		Under		4006	3706	Phase C total is under 0W								
	23	09-04-2023 20:14:14		Under	3703	4006	3706	Phase C total is under 3W								
	24	09-04-2023 20:11:05		Under	3700	4006	3706	Phase C total is under 6W								

Figure 62: Notification Events and Alarm Events

17. Display

The functions "Display" such as Station, Grid View, Consumption, Analysis, Alarm, Map View, Notification, Alarm Event, and Report should be detailed from page 4 to page 21.

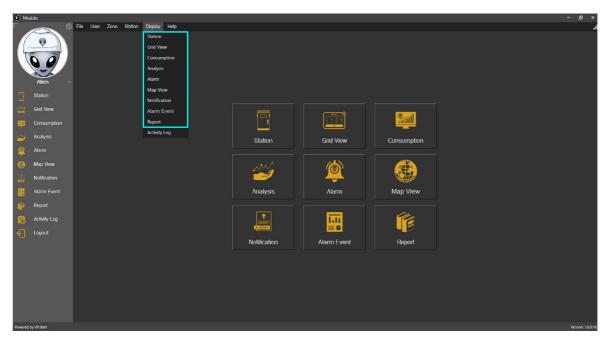


Figure 63: Display (1)

The function "Activity Log" has to be mentioned above too on page 22.

😰 NiteLite	n Display Help				- 6 ×
	Station				llı.
	Grid View				
To al	Consumption				
	Analysis				
Alien	Alarm				
	Map View				
Station	Notification				
Grid View	Alarm Event	a l	®		
201 Consumption	Report		2323	<u>Sail</u>	
🕁 Analysis	Activity Log				
Alarm		Station	Grid View	Consumption	
🍓 Map View		~~ <u>~</u>	<u> (</u>		
Notification		-	- 🐥		
Alarm Event		Analysis	Alarm	Map View	
		(¢)		Ch.	
Retivity Log					
Eugout					
		Notification	Alarm Event	Report	
Powered by VP.Start					Version: 1.0.0.16

Figure 64: Display (2)

18. Help

In the "Help" feature, there are three features available: "About Us VP.Start", "GSM Controller" and "Check Update NiteLite System Software". Click on "Help" to access these features.

18.1. About Us

About Us Show information about VP.Start by accessing the website of VP.Start. Click on "About Us".

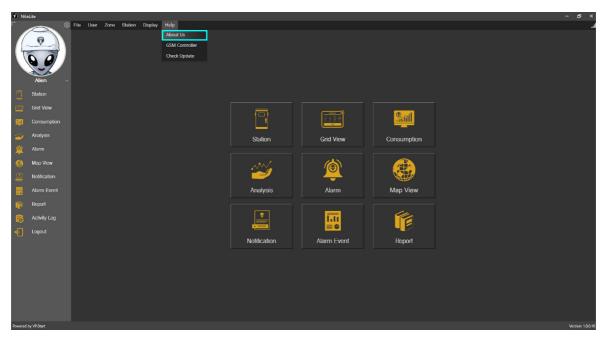


Figure 65: About Us

The VP.Start website offers extensive information about VP.Start. Customers can also reach out to the VP.Start team directly at any time by clicking on the "CONTACT US" button.

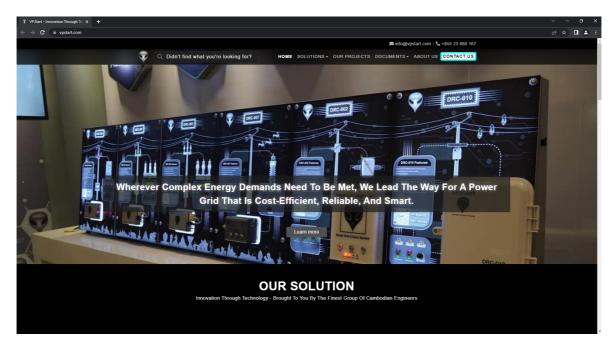


Figure 66: Contact Us

18.2. GSM Controller

To check balance ,top up and GSM signal strength, click on "GSM Controller".

Nuelule File User Zone Station Display Hidp About Us GetM Controller Check Update Station				-
Consumption	-		Sall.	
Marm	Station	Grid View	Consumption	
💞 Map View	~~~	<u>@</u>		
Notification				
Alarm Event	Analysis	Alarm	Map View	
🙀 Report			-	
💼 Activity Log			E	
Eugout	Notification	Alarm Event	Report	
Powered by VP.Start				Ver

Figure 67: GSM Controller

- Signal Strength: Level of service GSM Controller, Click on the button "Restart" Confirm the restart by clicking on the "Yes" button to restart the NiteLite GSM Controller.

- Check and top up: Check or topup balance. Enter the check or topup balance code, then click the "Submit" button Click on "Yes" button.

🕐 NiteLite			e ×
File User Zone Station Display Help			al
Station			
Grid View			
💓 Consumption	GSM Controller		
🍏 Analysis	Network: Smart	Consumption	
🙊 Alarm	Signal Strength: 23 Restart		
🍓 Map View	Check and Top up: *888# Submit		
Notification			
🐺 Alarm Event	លុយក្នុងគណនិចម្បង 0.00 ដុល្លារៈ មានសុពលភាពដល់ថ្ងៃទី 24.04.23។	Map View	
🎁 Report	าร์ตารีแนกของสัน 2000 มีเร็น อาจะรังกองและเอเร็น 21.01.521		
🔞 Activity Log			
Cogout			
	Notification Alarm Event	Report	
Powered by VP.Start		w	ersion: 1.0.0.16

Figure 68: Check or Topup Balance

18.3. Check Update

To check and update the NiteLite System Software, click on "Check Update".

Nuclue File User Zone Station Deplay Help About Us GSM Controller Check Update				- 0
Consumption Analysis	Station	Grid View	Consumption	
Image: Alarm Image: Alarm	<i>~</i>	Ó		
 器 Alarm Event 障 Report 認 Activity Log ← Logout 	Analysis	Alarm	Map View	
	Notification	Alarm Event	Report	
Powered by VP.Start				Version: 1.0.

Figure 69: Check Update

The notification panel can appear in two different forms:

- You're up to date: The NiteLite System Software has already been updated to the latest version.
- Do you want to allow this app to make changes to your device? The NiteLite System Software does not have the latest version updated.

Click on the button "Yes" to update.

NiteLite		- @ ×
Rie User Zone Station Display Help		at
Station		
📰 Grid View		
Consumption		
nalysis	Station	
单 Alarm		
🤮 Map View		
Notification		
Alarm Event	Analysis You're up to date! ap View	
🎁 Report	×	
👼 Activity Log		
Cogout		
	Notification Alarm Event Report	
Powered by VP.Start		Version: 1.0.0.16

Figure 70: Update NiteLite System Software

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