

Semua Fitur dalam Satu Dashboard



Monitoring

- Pengaturan
- Monitor
- Gain Insight



Pemeliharaan

- Status Informasi
- Pelaporan
- Optimasi & Efisiensi



Kontrol

- Profil Dimming
- Penjadwalan

powered by:



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📍 Jl. Reog No. 39
Bandung

Solution



Platform dashboard system fleksibel, terbuka dengan skalabilitas tinggi.



Konektivitas aman, handal dan kedaulatan data

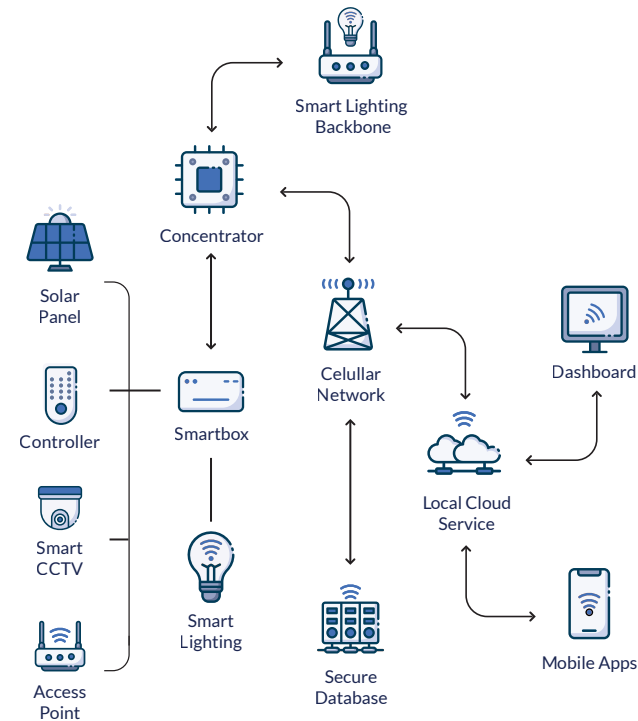


Aplikasi Cloud Based System, sehingga laporan bisa di akses dimana saja



Integrasi dengan 3rd party system untuk bisnis proses sebagai added value.

System Architecture



Smart Light

Smart PJU

Smart PJU mengkoneksikan perangkat dengan platform dashboard yang memungkinkan Anda untuk sepenuhnya mengelola semua lampu jalan yang terhubung melalui aplikasi web secara aman menggunakan browser web standar apa pun.

Pengelolaan Smart Street lighting

- Akses kontrol aset terbatas
- Biaya lisensi tahunan mahal
- Fitur sistem terbatas
- Alur bisnis sistem tidak fleksibel
- Skalabilitas terbatas
- Kedaulatan data
- Integrasi dengan sistem eksternal terbatas

Dashboard scope

Asset registration
Day to day allocation
Process management

Rule based switching
Power monitoring
Analytics/alert/
notification

Asset
Management
Platform

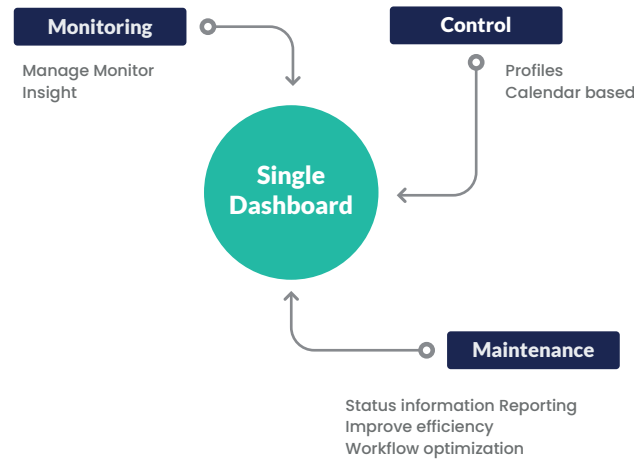
Group
Control

Individual
Control

Single
Dashboard

Switching control
Central Power monitoring
Group analytics/alert/
notification

Dashboard Benefits



Feature

SIMPUL Street Light V. 2.0

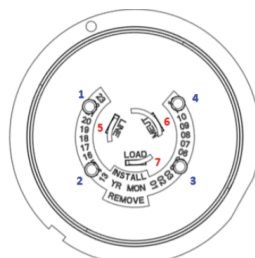
- Smart Control function (ON/OFF/Dimming)
- Actual current & voltage monitor
- Energy consumption
- Self diagnostic : node/Concentrator
- Data logging*
- Modular Communication :
- Wifi



BOTTOM VIEW



TOP VIEW



PIN NO.	DESCRIPTION
1	DALI+ / 0-10V DIMMING CONTACT
2	N/A
3	N/A
4	DALI- / GND DIMMING CONTACT
5	POWER CONTACT - LINE
6	POWER CONTACT - NEUT
7	POWER CONTACT - LOAD

Specification

Model Name
NEMA Socket connected

Pin Define
Controller Feature
Dimmable Function Feature

Electrical parameters monitor
Lighting Control
Network Technology
Network

Specification

Transmission Distance
Data Rate

TX Power Gain Range
RX Sensitivity
Security
Network Interface
Working Mode
Frequency Bandwidth
Electrical Specification
Input Voltage
Output Load Current
Power Consumption
Supply Current
Protection
Inrush Current Protection (A)
Surge Protection
Physical Characteristic
Enclosure
Dimensions
Weight (g)
Environmental
Storage Temperature
Operating Temperature
Operating Humidity

Node KL-220-NL

7pin NEMA socket (Follow ANSI C136.41
Receptacle)

DALI 0- 10 Vdc
Vrms(V), Irms(I), Power Factor(PF),
Frequency(Hz), Power(W)
ON/OFF

LoRa GSM / 3G / 4G
Slave /
Concentrator
30 Km (base on
Provider)

Up to 1 Km (Open Space) 100 bps-100kbps

Typ. : 14dBm ; Max. : 20 dBm 23 1dBm
Up to -137 dBm <-129dBm
128-bit AES encryption algorithms
Mesh, Peer to peer

LoRa GSM
902 -928 Mhz 900 / 1800 Mhz

90-264Vac / 12-24 Vdc
Max. 2A
Max. 1.35W
10 mA

5
1KV

IP 67
Φ90 x 87mm
190 g

-40°C to +80°C (-40 to 176°F)
-30°C to +70°C (-22 to 158°F)
0 to 95%