EnSmart Controls

Smart way to connect buildings

We provide Next-Gen BMS Solutions using our Smart Controllers and Gateways

We monitor, control, analyze and manage the Energy Consumption in Buildings and Industries.

About Us

EnSmart Controls is based in Erode, Tamil Nadu India specialized in the design and manufacture of cost-effective and Open system for Integrated Building Automation and Energy management in Buildings and Industries.

We analyze the customer needs and provide optimized solution for IBMS and Cost effective Tenant Billing, Energy Management System and Renewing Energy. We combine technical energy management Skills, allied to a proven track record in the installation, maintenance and support of Intelligent Integrated Building Management .

About Us

We have a proven track record in the industry and are always bringing new and innovative technological advances to enhance our offering, whilst continuing to provide legacy expertise in all areas.

To keep ourselves abreast with the prevailing market trends and latest technological developments, we have established a sophisticated research and development department. With the aid of this unit, we are able to improvise the quality of existing products as well as assist the production unit in manufacturing new products.

Smart DDC Controller

Integrated Building Automation System

Unique Product from other Brand

Protocol Converters

Our Turnkey Solutions

Seamless Integrated Customized

Energy Management System

Energy Auditing & IBMS Consulting

Tenant Billing System

Why Choose Us

Following Interstitial standard & using industrial software has over **20 YEARS** experience in Building Management system.

2 YEARS WARRANTY

10 YEAR PRODUCT SUPPORT

EASY Maintenance

30-40% margin on our products White labelled products with your own branding and logo.

10 CELEBRATING YEARS IN BUSINESS

Eliminate Manpower Cost & Containment and Cable COSTS

Training & Education through the EMSI Academy with Free Programming tools.

ASUS

ASUS GLOBAL PTE. LTD.
15R, Changi Business Park Central 1, #05-01 Eightrium, Singapore 486035
Tel. 05 6622 6888   Fax. 05 6668 8899
http://www.asus.com

Date: 11/04/2023,

To WHOM SO EVER IT MAY CONCERN

We ASUS Technology Pvt. Ltd, Address (In India) : Supreme Chamber, 401,4ᵗʰ Floor,17/18 Shah Industrial Estate, Veera Desai Road, Andheri (West), Mumbai – 4000053, Maharashtra, India who are established and reputed manufacturers globally having head office at Taiwan here by authorized : Ensmart Controls 417, Thendral Nagar, Near Jeeva shed, Anthiyur-638501, Erode,Tamil Nadu, India for registration / uploading / selling of ASUS brand Tinker Board and AIOT product range.

Thanking You
For Asus Global PTE LTD.

Karl Chu
Authorized Signatory

We have the solution for you! By featuring seamless and adaptive,
vendor-neutral, open-protocol solutions in building automation,
be it for maintenance, retrofits or upgrades. As an OEM provider and solutions en-
abler, our route to market has always been through certified partner.

Based on decades of experience and knowledge in working with legacy systems, we
developed a unique, open-source solution which will disrupt and scale up the industry
by truly opening up all proprietary protocols and walled garden ecosystems.

EnSmart Controls
Smart way to connect buildings

Smart DDC Controller

2DI1DO

EN4DI1DO

EN4DDAMN

EN4AI

EN1A1AO

EN16DI

EN4DIAI3DO2AO

ENAO

Protocol Gateway

Protocol Gateway Architecture

	Modbus TCP	BMS LAN	BACnet IP	

BACnet HMI PC

BACnet HMI PC

Modbus 485

BACnet MSTP

Modbus Controller	Modbus PLC	VFD Drive	Energy Meter	VFD Drive	Bacnet Field Controller	BACnet VAV Controller
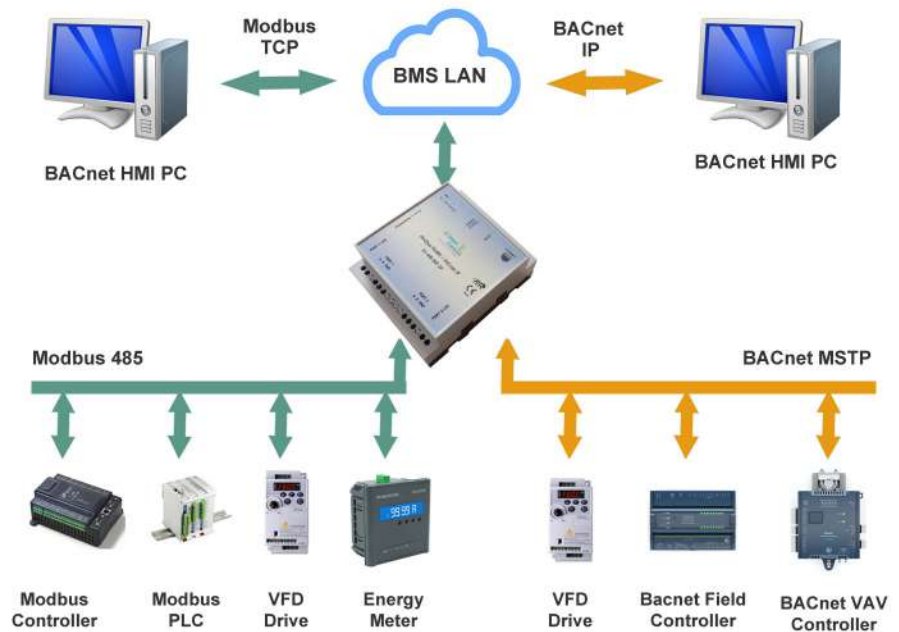
Energy Management / Tenant Billing System

EnSoft Energy management system is a software tool, once it's installed on the industry, will provide the following the information based on the energy consumption by the industry.

1. How much energy consumed by the industry in a particular month.
2. From where the most of the consumption taken place
3. In which interval the most of the energy consumption takes place
4. Quality of energy consumption over the devices.

Energy Reports Features

- Allocate percentages and fixed amounts

- Support for allocations to metered and non-metered spaces

- Push bill reports the next day to department heads with event notifications• Interface as system of record with handheld meter reading software

- Rebill third party tenants based on submeteredusage and internal or actual utility rates

- Define hierarchical, parent-child bill meter relationships

- Review accurate audit trail for rebill accounting

- A/P integration for generating tenant and cost center bills

- Accrual reports and advanced financial reporting

- Leverage Meter Data Analyst reporting for meter data rebilling accounts

- Leverage Bill Analyst reporting for monthly billing accounts

Project Reference

Tenant Billing/Energy Management Project Ref:

- Tidel Park Coimbatore.
- Prestige , Bengaluru
- Briley One, Chennai
- TRILL, Chennai
- BagmaneLuxor, Bengaluru
- BagmaneKyoto, Bengaluru
- BagmaneQuay, Bengaluru
- TCS Magnum and TCS PAN India
- LaxmiInfo Bahn, Hyderabad
- L& T Metro Hyderabad
- Lulu Mall, Cochin
- First Solar , Chennai(In Progress)
- Smart city, Cochin etc.,

PharmaReporting Project Ref

- Aspiro, Hyderabad
- Aurobindo, Hyderabad
- TATA Chemicals, Chennai
- Sun Pharma, Bengaluru
- Pasteur Institute of India, Conoor Etc.,

UAE/APAC Region Projects

- Lulu Hyper Market, Muscat
- Reflexion, Cloud based Facility
- Management System, Oman
- MIC Tower, Oman
- OIDC, Oman
- Reflexion, Oman
- City Season Hotel, Oman
- Kiangwan, Thailand(Tenant Billing System)etc.,
- Smart city, Cochin etc.,
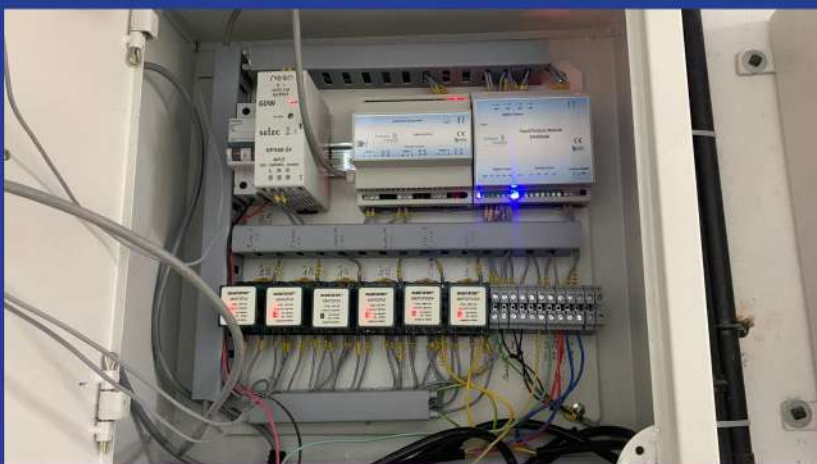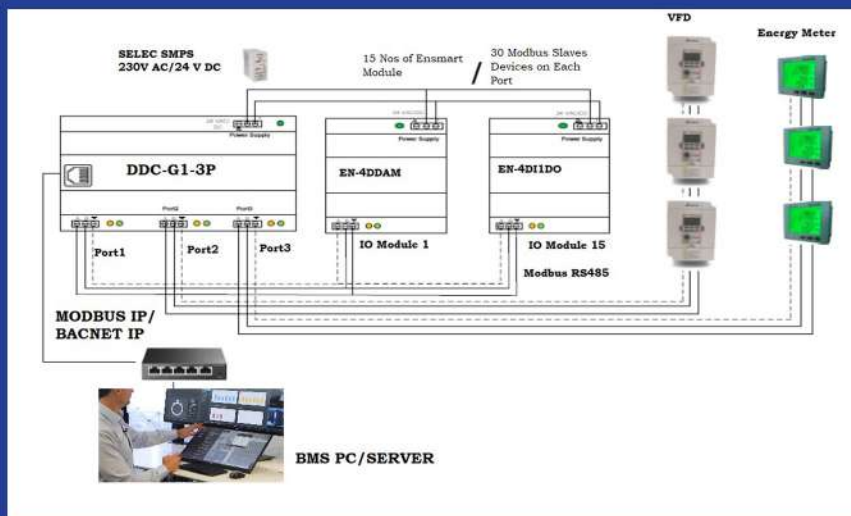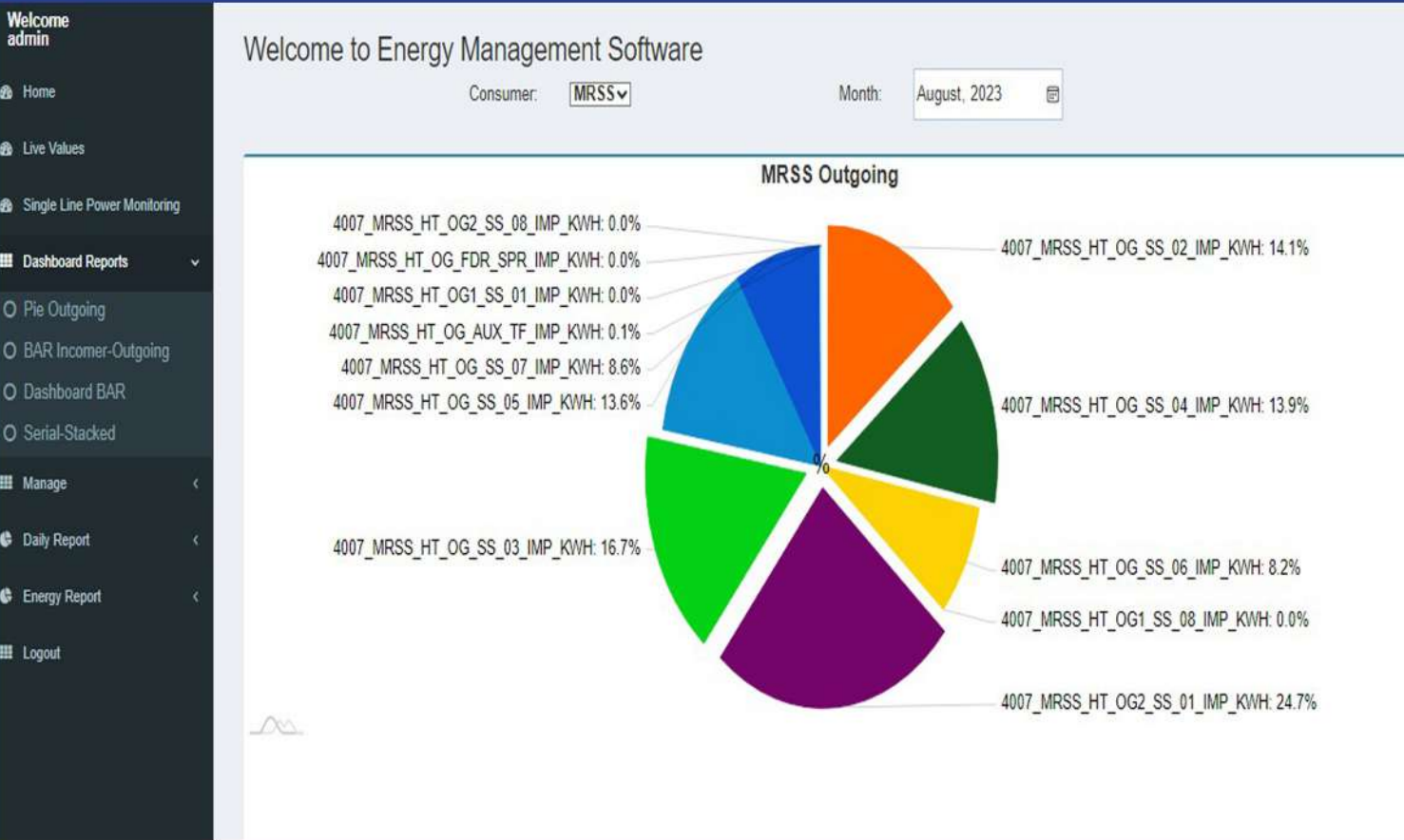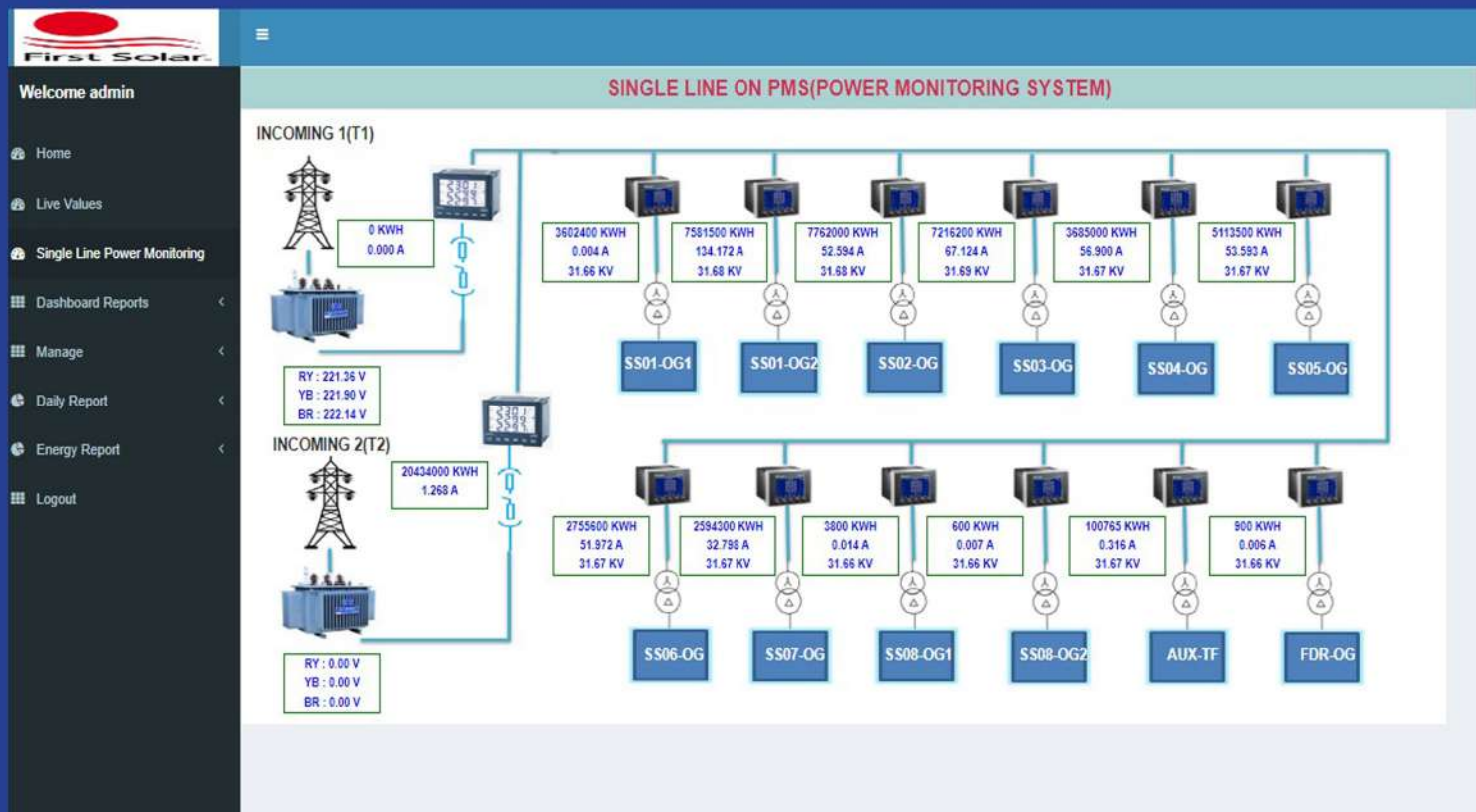

Monthly Graph Report

Our BMS Project Ref:

- Waves Hotel, Mumbai
- CeebrosRain Tree , Chennai
- KRC CPM, Hyderabad
- RIL, Patna
- Oman National University, Oman
- C62,Mumbai
- Omicron ,Pune
- Adishankara, Voltas
- Eveready, Voltas

Ensmart Controllers OEM

- Trane India.
- Voltas Limited.
- Chubb System
- Troposphaira, Pune/Mumbai
- Winneroman, Oman

Our Sample Chart Reports

SINGLE LINE ON PMS(POWER MONITORING SYSTEM)

Welcome admin
- Home
- Live Values
- Single Line Power Monitoring
- Dashboard Reports
- Manage
- Daily Report
- Energy Report
- Logout

INCOMING 1(T1)

0 KWH
0.000 A

RY : 221.36 V
YB : 221.90 V
BR : 222.14 V

INCOMING 2(T2)

20434000 KWH
1.268 A

RY : 0.00 V
YB : 0.00 V
BR : 0.00 V

SS01-OG1	SS01-OG2	SS02-OG	SS03-OG	SS04-OG	SS05-OG
3602400 KWH 0.004 A 31.66 KV	7581500 KWH 134.172 A 31.68 KV	7762000 KWH 52.594 A 31.68 KV	7216200 KWH 67.124 A 31.69 KV	3685000 KWH 56.900 A 31.67 KV	5113500 KWH 53.593 A 31.67 KV

SS06-OG	SS07-OG	SS08-OG1	SS08-OG2	AUX-TF	FDR-OG
2755600 KWH 51.972 A 31.67 KV	2594300 KWH 32.798 A 31.67 KV	3800 KWH 0.014 A 31.66 KV	600 KWH 0.007 A 31.66 KV	100765 KWH 0.316 A 31.67 KV	900 KWH 0.006 A 31.66 KV

Welcome admin
- Home
- Live Values
- Single Line Power Monitoring
- Dashboard Reports
  - Pie Outgoing
  - BAR Incomer-Outgoing
  - Dashboard BAR
  - Serial-Stacked
- Manage
- Daily Report
- Energy Report
- Logout

Welcome to Energy Management Software

Consumer: MRSS   Month: August, 2023

MRSS Outgoing

4007_MRSS_HT_OG2_SS_08_IMP_KWH: 0.0%
4007_MRSS_HT_OG_FDR_SPR_IMP_KWH: 0.0%
4007_MRSS_HT_OG1_SS_01_IMP_KWH: 0.0%
4007_MRSS_HT_OG_AUX_TF_IMP_KWH: 0.1%
4007_MRSS_HT_OG_SS_07_IMP_KWH: 8.6%
4007_MRSS_HT_OG_SS_05_IMP_KWH: 13.6%
4007_MRSS_HT_OG_SS_03_IMP_KWH: 16.7%

4007_MRSS_HT_OG_SS_02_IMP_KWH: 14.1%
4007_MRSS_HT_OG_SS_04_IMP_KWH: 13.9%
4007_MRSS_HT_OG_SS_06_IMP_KWH: 8.2%
4007_MRSS_HT_OG1_SS_08_IMP_KWH: 0.0%
4007_MRSS_HT_OG2_SS_01_IMP_KWH: 24.7%

Energy Analytical Charts

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Welcome to Energy Management Software

Consumer: **MLTP04**   Month: August, 2023

1015.8397495117Outgoing

Monthly Consumption Reports

Location :MLTP04   Month:Augu

Monthly Energy Consumption

- PMT1_SS3_MLTP04_4ABC_INC1_TRANS_Kwh
- PMT1_SS3_MLTP04_6ABC_INC1_TRANS_Kwh   Outgoing

Group	: MLTP04
Month	: August 2023
PMT1_SS3_MLTP04_4ABC_INC1_TRANS_Kwh	183542.976 KWH
PMT1_SS3_MLTP04_6ABC_INC1_TRANS_Kwh	488356.8 KWH
Outgoing	1015.8397495117 KWH

Welcome to Billing Software

Consumer: **MLTP02_All**   Month: August, 2023

Location :MLTP02_All

PMT1_SS2_MLTP02_2C_SPARE_KWHPMT1_SS2_MLTP02_6ABC_INC1_KWHPMT1_SS2_MLTP02_8ABC_INC2_KWHPMT1_SS2_MLTP02_2A_CL_DB27_VTPN_KWHPMT1_SS2_MLTP02_11B_SPARE_KWH

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