



**Infrastructure Service Provider Category-1 (IP-1)**

**Customized Innovative Solution for Telecom Industry**

**Operation and maintenance (O&M) of Telecom cell sites**

**Reconditioning of Active & Passive Telecom Equipments**

**Customized ERP & Cloud Based IT Solutions**

**PAN India Presence**

**System Infra Solutions Pvt. Ltd.**

**Solutions for life time...**

**An ISO 9001 : 2015, ISO 14001 : 2015, ISO 45001 : 2018 Certified Company**

[www.sysinfra.in](http://www.sysinfra.in)



## About Us

System Infra Solutions Pvt. Ltd. is a leading Telecom & IT service provider established in October 2000 with a vision of becoming an end-to-end, cost-effective Infrastructure Support enabler to the Telecom Industry.

PAN India Presence with head quarter at Delhi and branch offices, warehouses across the country.

International standard manufacturing facility of 8000 square feet for telecom products with in-house R&D center & training facility, An ISO 9001 : 2015, ISO 14001 : 2015, ISO 45001 : 2018 Certified Company.

Providing managed services (I&C, O&M and MS services for both active & passive telecom infrastructure ).

Dedicated R&D team of experts equipped with state of the art testing lab for development, innovation & designing customized solutions based on customer requirements.



# Competitive Advantage



## Modern Infrastructure

Located in Delhi and covering **8000** sq. ft. of office space with a dedicated R&D and call centre, **13** residential & regional offices across India, **3** self-owned warehouses and shared warehouse facilities with complete logistic assistance for inbound and outbound material transportation.

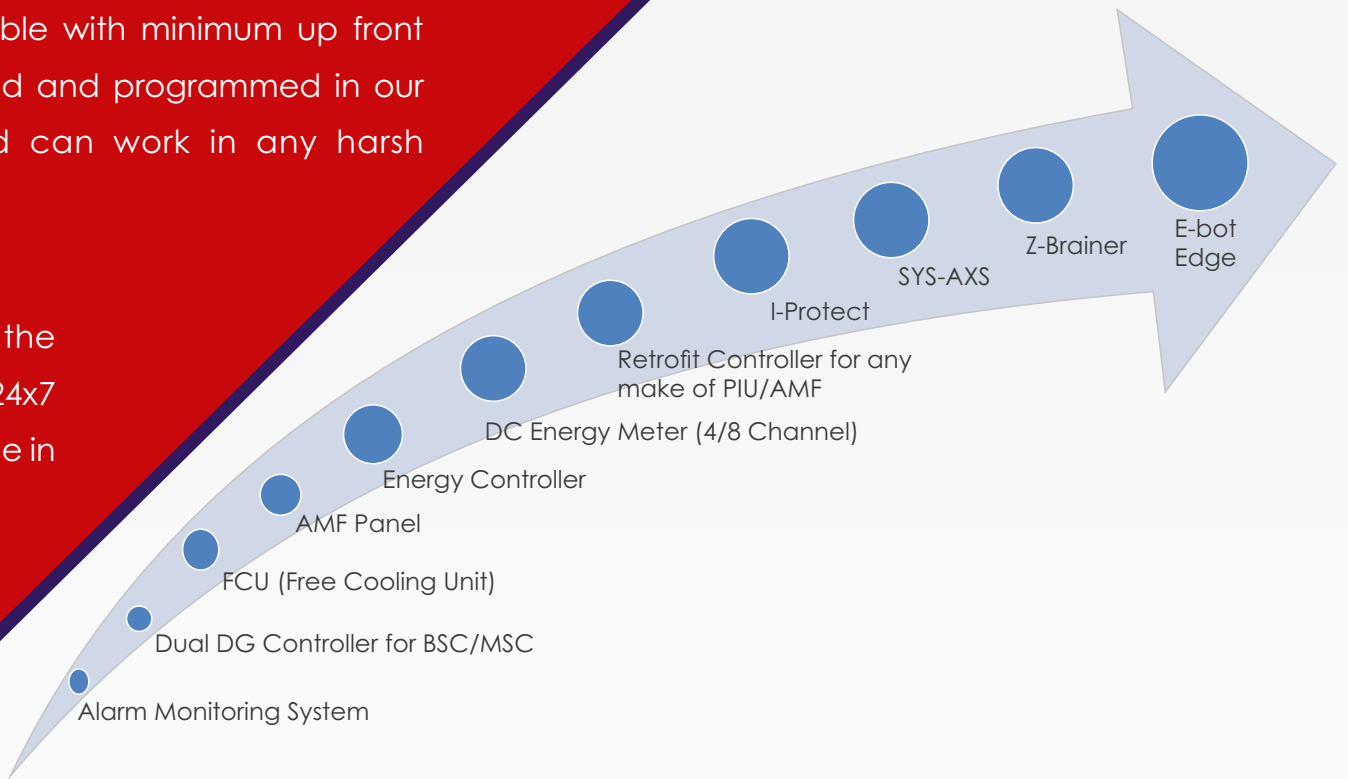
## Advanced Hardware & Software Products

In-house R&D and development centre that is fully geared up to deliver solution for any industry requirements, the team comprises professionals who are SMEs in their respective domain of technologies. The solutions we offer is cost-effective, secure, modular, flexible & scalable with minimum up front investment. The hardware products are designed and programmed in our own R&D facility, under rigorous testing and can work in any harsh environment.

## Reliable Technology Support

The specialised support packages can fit in the budget of different magnitude business and give 24x7 technical assistance with dedicated staff presence in major Indian cities.

## Journey of Continuous Improvement



## Vision

Our vision is to become market leader in the field of IT, Telecom & Industrial Automation sectors.

## Mission

Our mission is to establish and maintain long-term mutually rewarding customer relationships and value-added consulting service delivery.

## Strength

Customer centric services, Professionalism, Agile Project Management, Reverse Engineering, Quality Management System & In-house R&D capabilities are the key differentiators.



## Industrial Solutions

Centrally managed modern industrial IoT implementation, with mobile app and web-based interface

- I-Protect
- SIS-AXS (AMF Panel/ PIU/ IPMS)
- Z-Brainer

## Products

- Smart Box (5G, Small Cell and Smart City)
- Battery Charger
- LVD Monitoring
- Can Bus Converter
- DC to DC Converter
- GPRS Modem Kit
- E-bot Edge ERP Solution for Telecom Industry
- Power Supply Module (SMPS up to 2KW)
- 4 Port Robo Dialer
- SVR Card
- Alarm Multiplexer

# Our Offerings

## Consumer Solutions

- Home Automation
- Customized Power Solution

## Services

- Repairing and Maintenance (Active & Passive Devices)
- Customized Power Solution
- Manpower Augmenting Services (Telecom, Software)

## Software Solutions

Enterprise Resource Planning (ERP) Solution

- Material Management
- HR Management
- GST Management
- Way Bill Management
- Accounting & Billing
- Tax Management
- Warehouse Management
- Logistic Management

Customer Relationship Management (CRM) Solution

- Documentation
- Work flow
- Sales Performance
- Reports
- Call Center
- Role Based View
- Quotation Management
- Complain Management

# Telecom Products NOC Solutions

## I-Protect

### **Automated NOC Operations An IoT Based Solution on Cloud Platform**

Centralized IOT based Remote Monitoring & Anti Theft (Manless NOC) Solution for telecom sites using Artificial Intelligence & Machine Learning with real time notification through various channels (App, Auto dialer, email) for antitheft and battery health.



## Z-Brainer

Z-Brainer is an high speed micro controller based System with integrated multifunction (PIU/IPMS/AMF) for single or three phase Mains and DG with inbuilt remote management, energy management, fault detection, power scalability including DC energy meter and GPRS Modem, two way communication with remote configuration facility.



Decision Tool  
Keep Uptime  
Save Money  
Pinpoint Malfunction

## E-bot Edge ERP Solution

**(Most Trusted Business Simplified)**

E-bot Edge targets to serve the telecom service providers by automating the system. The solution uniquely combines the ERP and CRM to get the best results. The E-bot Edge solution consists of 8 modules each taking care of core business namely – Customer Management, Material Management, Purchase Management, Vendor Management, Store Management, Payment & Billing and Human resources Management.

E-bot Edge brings efficiency to the system while saving time and money in human efforts cost. Additionally, it makes life easier for business.



The Benefits of a Mobile ERP Platform



### Why E-bot Edge

- Unique combination of ERP with CRM for SMEs
- Earns for you
- Minimizes dependency on people
- Saves time and money before you Invest into it

## Telecom Products

### Smart Box 5G ready, designed for Small Cell Tower/Smart City

Integrated Smart cabinet, Flexible configuration, Simple & Quick aesthetic installation, inbuilt IOT and Cost effective.

Innovative power & communication cabinet- optimizing for smart city, 5G & ULS (small cell tower) sites.



### Smart Box features

- Feature-rich and uninterrupted power and communication smart cabinet
- Pre -configured for very fast and easy installation
- Pole or wall mounted
- Wide temperature operation from -40°C to 75°C
- IP-65 Cabinet
- Secondary integrations:
  - ▶ Smart Lighting
  - ▶ Smart Parking
  - ▶ Smart metering
  - ▶ Sensors
  - ▶ More...

### Smart Box for Smart City

- ▶ Cost effective
- ▶ Flexible configuration
- ▶ ALL-In-One Integrated Smart cabinet
- ▶ Simple, quick and aesthetic installation
- ▶ Managed by a powerful NMS and monitoring application
- ▶ Innovative power & communication cabinet- optimized for smart city



# SIS-AXS (Automation)

## (AMF on Remote Monitoring & Energy Management)

Auto Mains Failure System (AMF) is one of the flagship product of our solutions. It work seamlessly to either on single phase or three phase supply and enhances power utilization from DG, Mains, Battery and Solar (Optional). It has an additional feature of remote management. Supports in range of 15KVA to 125KVA DG's. Available in Indoor, Outdoor, Retrofit Controller and Dual DG option. SIS-AXS controller is an high speed micro controller based system with integrated multifunction (PIU/IPMS/AMF) for single or three phase Mains and DG with inbuilt remote management, energy management, fault detection, power scalability. Also available as retrofit kit for other OEM AMF panel.



Retrofit Controller



Indoor Unit



Outdoor Unit

### SIS-AXS Dashboard

The dashboard features a navigation bar with 'Dashboard', 'Real Time Data', 'All Data', 'Reports', and 'User'. A 'Critical Bts Voltage' alert banner is at the top. The main area contains several widgets:

- Alarm Activity Status:** Shows Door, Smoke, DG battery disconnections, and HRT with P1 and P2 status indicators.
- Site Metering:** Displays RCA, KWH, Run Hour, and Batter backup time.
- Calling Reports Status:** Shows No. of alarm generated, No. of call received, No. of call rejected, and No. of call not attended.
- Communications Site Status:** Shows No. of site communications, No. of site non-communications, and Total sites.
- Power Supply Status:** Shows Site on mains, Site on DG, and Site on battery.
- Critical Attention Status:** Shows Alternator fault, Bts voltage less than 47V, DG battery voltage Less than 11V, and 3 Φ unbalance load.



## Battery Charger

A battery charger is a device that stores energy in a battery by running an electric current through it. The charging protocol (how much voltage or current for how long, and what to do when charging is complete) depends on the size and type of the battery being charged. Available in 230V input and battery voltage of 12V with 10Amp.



## LVD Monitoring

LVD Controller is an integrated multifunction high speed micro controller-based battery LVD (Low Voltage Disconnect) system. It's having a provision of Monitoring/configuration/calibration for battery voltage and LVD level alarm potential free contact.



## Can Bus Converter

High performance RS 232 to CAN BUS interface converter.



## Remote Monitoring System

Remote Monitoring System is rack mountable compact smart microcontroller based device covering 1U 19" standard rack space, designed to monitor parameters, sense and generate alarms, commonly encountered at a telecom site.



## Alarm Multiplexer

Alarm Multiplexer Card for replacing the existing faulty I2PMS alarm multiplexer card with our custom designed card for providing better functionality to the working of the I2PMS unit flawlessly with all its desired properties without compromising quality.



## DC Energy Meter

DC Energy Meter having facility of monitoring & measurement upto 8 channel DC feed. 4 channel & 8 channel option available.



## DC To DC Converter

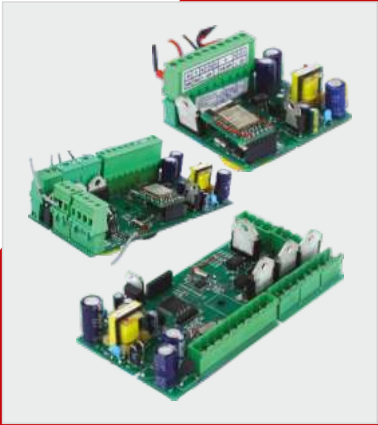
DC to DC converter takes the voltage from a DC source and converts the voltage of supply into another DC voltage level. They are used to increase or decrease the voltage level. Some devices need a certain amount of voltage to run the device. Too much of power can destroy the device or less power may not be able to run the device. The converter takes the power from the battery and cuts down the voltage level, similarly a converter step-up the voltage level. For example, it might be necessary to step down the power of a large battery of 48V to 12V to run a Controller and to handle the load between 1 to 3 Amp.



## GPRS Modem Kit

GPRS Modem Kit used to upgrade Automation kit like Retrofit, AMF panel to remote monitoring and control with smart features for centralized NOC monitoring facility. In house developed modem for extending any passive alarm to central server.

## Home Automation



Home Automation refers to the automatic and electronic control of household features, activity and appliances. In simple terms, it means you can easily control the utilities and features of your home via the Internet to make life more convenient and secure, and even spend less on household bills.

## 4 Port Robo-Dialer



Robo-Dialers systems that dial out on alarm conditions to alert personnel via telephone. Alarm conditions are monitored on the basic dialer units via data communication to connected devices on more sophisticated alarm dialer systems.

Robo-Dialers is typically have dial-in capability so that users can interrogate the status or control outputs at the site.



## Power Supply Module /SMPS

SMPS is an electronic power supply system that makes use of a switching regulator to transfer electrical power effectively. It is a PSU (power supply unit) and is usually used in computers & telecom equipment to change the voltage to the appropriate range. Available in 3 options 230V AC input, 84V (max) output, 750/1200/1800VA.

## SVR Card



5-steps SVR Card using state of art IC based electronic voltage regulator provide the benefits accuracy of controls, high speed response, high reliability & minimum maintenance.

## AC/FCU Controller

AC/FCU controller is an integrated multifunction high-speed micro controller-based system. It is a comprehensive solution for managing Package AC's having two numbers of compressor intelligently at a typical telecom site. This system has been designed as per specifications issued by our telecom infra clients. The AC Controller is suitable for all kinds of AC's of various makes and specifications. In this system, AC units are start/stop based on sensing of shelter temperature through a single real-time temperature sensor (having an accuracy of 0.5 °C). AC units are based on room temperature and both the AC's have settable temperature differential for starting and stopping of the units. In case of power failure, the controller has sufficient memory to maintain the original sequencing of the running of AC units. This system includes protection of under/over voltage, load current run hour.



## Service Support

### Rectifier Module Reconditioning

RM reconditioning is unique multi-brand repair service for all kind of rectifiers irrespective of the make. Have a team of experienced and qualified professionals who specializes in troubleshoot at rectifier component level and have repaired over 4,00,000 modules ranging from 500W to over 5,000 Watts.



## BTS Card Reconditioning

Reconditioning of 2G, 3G, 4G BTS card for and Microwave link in major circles PAN India.



## SMPS Installation

SMPS and power plant installation is one of our expertise and has done more than 20,000 installations.



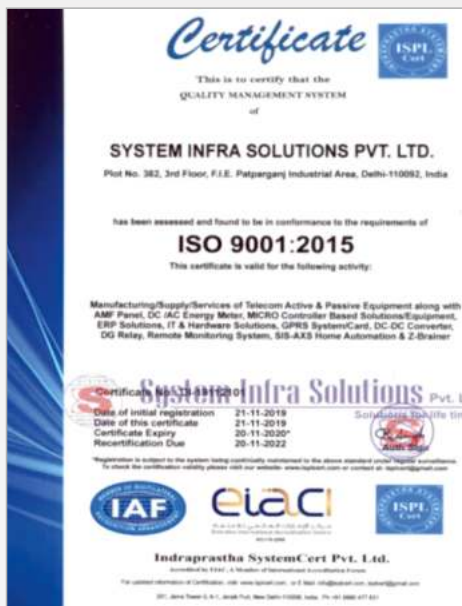
## Automation of PIU / IPMS / AMF / I2PMS / AC PDB

Automation of PIU/IPMS/AMF is one of versatile service our team is good at. Have done I&C and rectification on call basis for over 100,000 units.





# Certificates & Licenses



- MSME Registered
- Udyam Registered
- DPL(Dealer Possession License) for Telecom
- Govt. of Delhi, Electrical Contractor Licenses
- Trade mark certificate
- ISO 9001 : 2015, 14001 : 2015, 45001 : 2018 valid certificates
- IP-1 ( Infrastructure provider Category-1, Telecom)





# Notable Milestones



# Pan India Offices & Warehouses



Offices



Own Warehouse



Third Party warehouse

# Clients





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An ISO 9001 : 2015, ISO 14001 : 2015, ISO 45001 : 2018 Certified Company

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