



SARVANI TELECOM

Your total solution partner not just a supplier



About us:

SARVANI TELECOM Pvt. LTD. established in 1994 providing turn key solutions to clients for wire & wireless communication and remote control & monitoring applications. SARVANI TELECOM under brand name STEL is very well known in the AP & Telangana market for specialized range of products and networking solutions that allows seamless integration for an end-to-end network. we are well experienced in system integration for providing tailor made high grade communication and data acquisition solutions for Telecom and industrial applications. Our rich experience exclusively in the field of professional radio / industrial communication systems provide instant answer for all communication needs of our clients.

We offer comprehensive solutions for various types of digital and analog communication requirements. Industrial communication solutions for cement industries, large area industrial Non LOS wifi networks, remote controlling and monitoring of material handling machinery like spreaders & conveyers in mines, real time data for SCADA applications etc.

Our Business Associates:



ISM Band digital RF links,
Wireless MODBUS,
IEC-101 & 104 Solutions



MPLS VPN circuits,
ILL Bandwidth services



RTUs, Protection Relays
and PLCs



Analog PLCC panels



MICOM series RTUs



Routers & networking
products



MICOM series RTUs,
FOTE & PLCC panels,
SAS & SCADA



Industrial grade MODEMs
for Energy sector comm.

Our solutions:

- **Wire & wireless Communication networks for SCADA & TELEMETRY applications, in Solar and wind power plants.**
Internal communication inside solar OR wind power plants either for remote monitoring and control of breakers, RS 485 MODBUS/TCPIP MODBUS for energy meter monitoring/ weather monitoring station Or for any IP phone intercom requirements can be arranged on wireless / OFC / copper cables.
- **Large area industrial Wi-Fi projects total design and implementation.**
Industrial Wifi networks for moving / mobile data acquisition devices, or remotely located MODBUS IEDs
- **Sub Station Automation (SAS) solutions.**
Complete automation solutions including fiber optic communication systems for tele-protection in 132KV level substation in solar and wind power plants
- **Power plants data integration to SLDC SCADA**
Solar, wind and other power plants generation data acquisition and transmission to SLDC as per the mandatory condition of Central ERC.
- **132KV / 220KV level bay integration for RTU SCADA data.**
Remote monitoring and control of newly constructed bays in utility HV substations OR need to be integrated to Sub-station SCADA can be done irrespective of the brand of Control & Relay panels.
- **Integration of old and new RTUs**
Existing RTUs in Utility Substations can be expanded for additional/ new bays OR a new RTUs can be installed and integrated to existing RTUs for system expansion purpose.
- **Total Analog PLCC communication solutions.**
Utility Approved brands of PLCC panels along with accessories like wave traps, LMUs , FSK Modems, total supply and installation for IEC-101 protocol serial data and voice applications.
- **OPGW / ADSS cable & PDH MUX supply and integration.**
Utility Approved brands of FOTE PDH MUX panels for IEC-101 protocol serial communication, IEC-104 protocol IP Communication, tele-protection, VOIP phone systems along with OF cable supply and laying.
- **Inter connectivity communication solutions for solar power plants and WTG sites (OFC & Wireless)**
Solar and wind power plants under single PPA of utility and located at various different locations, SCADA and control systems can be integrated together through long distance RF wireless systems / OF Cables. Highly useful wireless systems especially when ROW issues are present.
- **VSAT links in KU band for remote locations.**
Extreme remote locations where even GSM signals are not available OR difficult to obtain LOS (Line Of Sight) to establish high speed RF links from ISP (BSNL, Idea Cellular etc.) a highly dependable solution with 100% guaranteed service uptime.
- **Internet & MPLS VPN connectivity services from BSNL.**
As empanelled system integrators of BSNL AP & TS circles, we can arrange PTP (Point To Point) dedicated leased lines , MPLS VPN leased line circuits for voice and data applications apart from delivery of high speed Internet / ILL bandwidth for remotely located solar / wind power plants and industries.
- **IP phone networks in industries and power plants.**
Intercom Voice communication systems / IP telephones over existing / proposed LAN networks inside solar / wind power plants and industries.

Our Products range:

We stock the best of the breed product lines delivering high performance at very affordable prices. This combined with our commitment to uncompromising customer service, enables our customers to get the perfect integration solutions they need and the support they deserve at the most affordable cost.

To achieve this, we deal with most reputed brands of telecom, networking and industrial automation products.

Data Acquisition products :



Protocol Converters/Gateways

ALSTOM / SCHNEIDER



MICOM C264C RTU

SIEMENS



CP-8000

Networking Products :

Nomus Gateway : E1 WAN Routers, Fractional E1 Routers

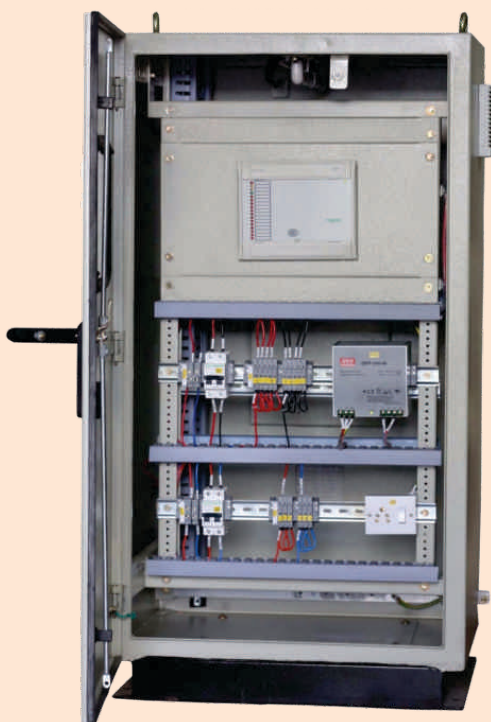
Cygnus : Fiber optic Modems , Multiplexers, LAN extenders, Copper pair Modems

PUNCOM : PLCC panels, Wavetraps, LMUs

CAMBIUM RADIO: ISM band radios PTP, PTMP applications

DATACONNECT USA: 4wire Serial Modems

Valiant Communications: PDH and SDH MUX,



STEL mini RTU Panel



SIEMENS Redundancy RTU Panel

Solution Concepts:

RF links:

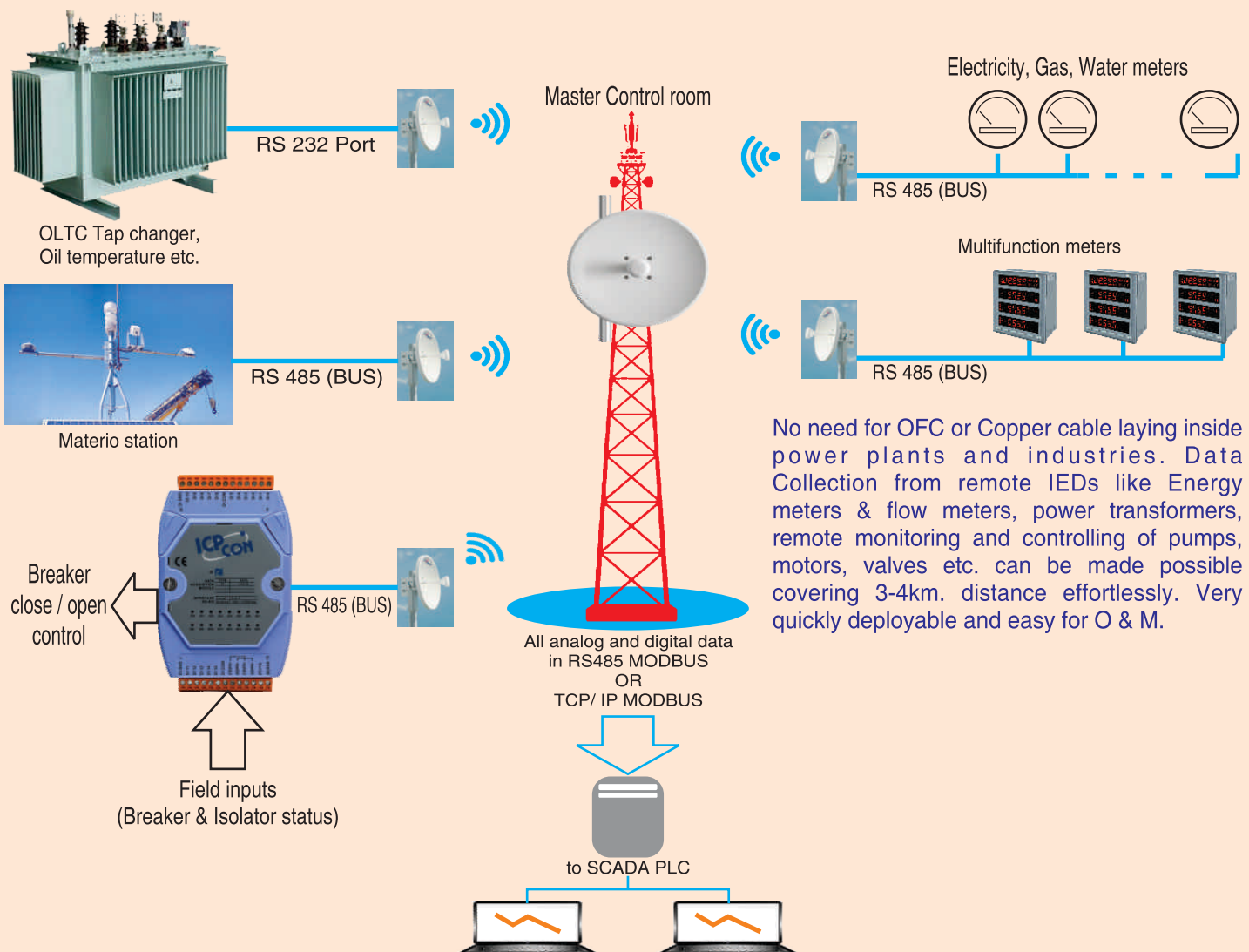


STEL ST - 58PRO

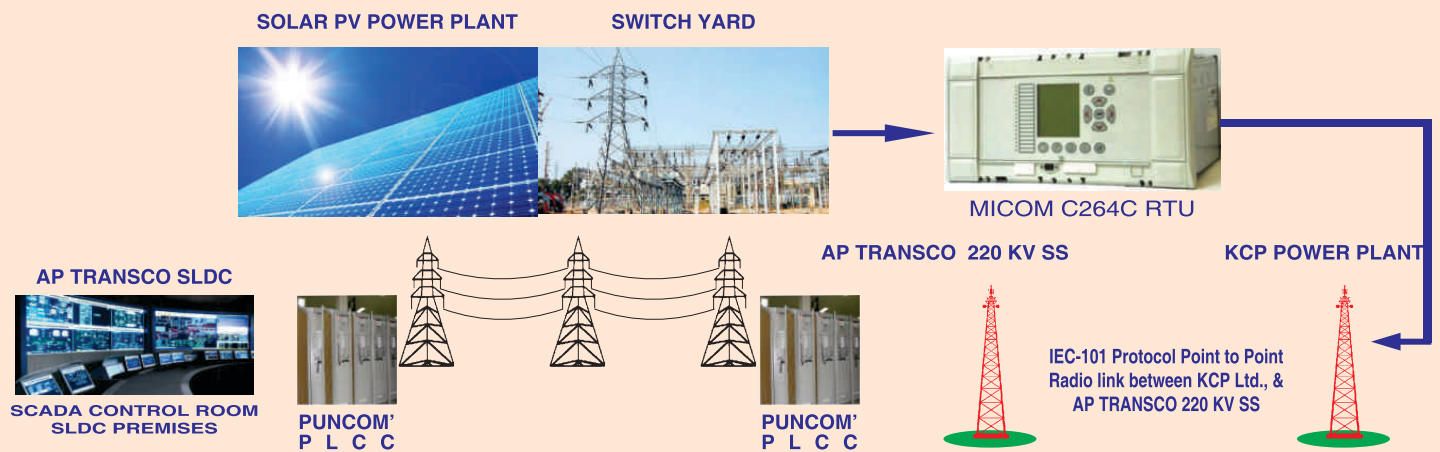


Point to Point (PTP) sub Microwave RF Links for high speed internet service delivery, inter connectivity of power plants for SCADA Integration, wind power turbines connectivity to replace OFC cables. Best solution to avoid ROW issues.

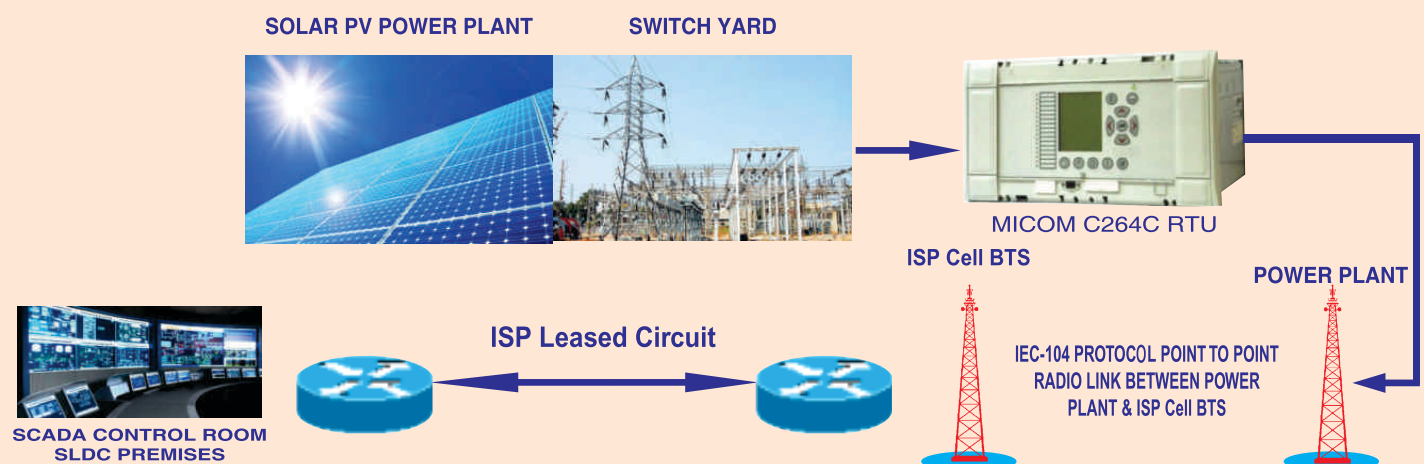
WIRELESS MODBUS DATA:



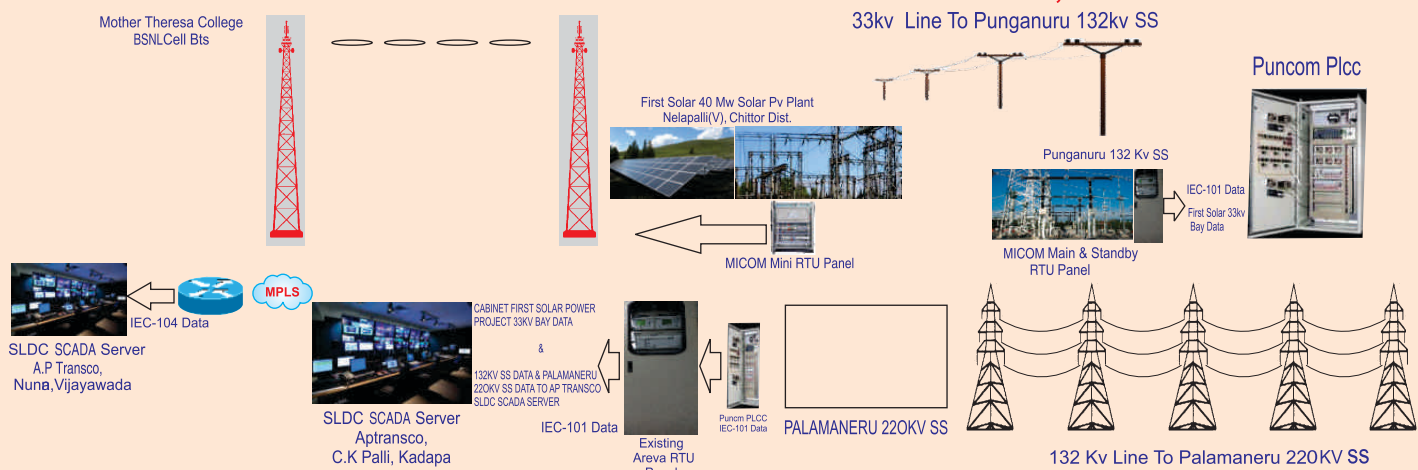
RF link + PLC communication with MICOM C264C RTU KCP Ltd. Mukthyla A.P



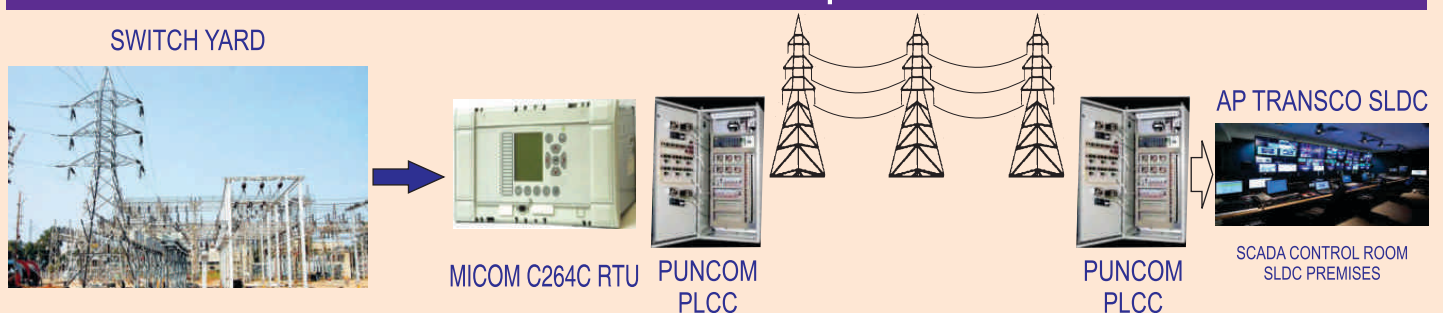
RF link+ ISP leased line with MICOM C264C RTU Mytrah Energy 13 projects, Greenko, S&W Punganuru and many

RF link + BSNL leased line with **MICOM** Mini RTU panel , PLCC with **MICOM** Main & Stand by RTU panel

STERLING WILSON 40MW PUNGANURU CHITTOR Dist., A.P.



MICOM Mini RTU panel with PLC communication and AP TRANSOCO broadband
SANVIRA INDUSTRIES Visakhapatnam A.P

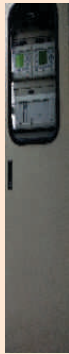


MICOM Main & Stand by RTU PANEL with MUX and OPGW fiber optic communication link KSK Energy SITAPURAM POWER LTD.

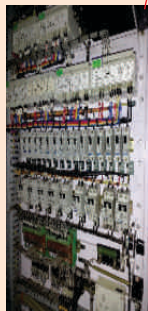
MICOM Main & Stand by
RTU PANEL



KSK Energy
SITAPURAM POWER LTD.

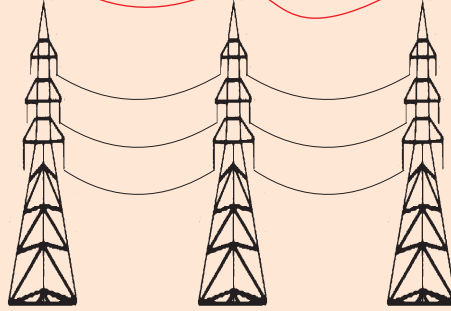


PDH MUX



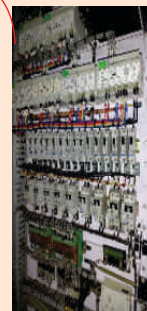
POWER PLANT

OPGW FIBER OPTIC CABLE



132KV TRANSMISSION TOWER LINE

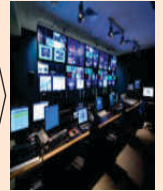
PDH MUX



TS TRANSCO

SITAPURAM 132 KV SS

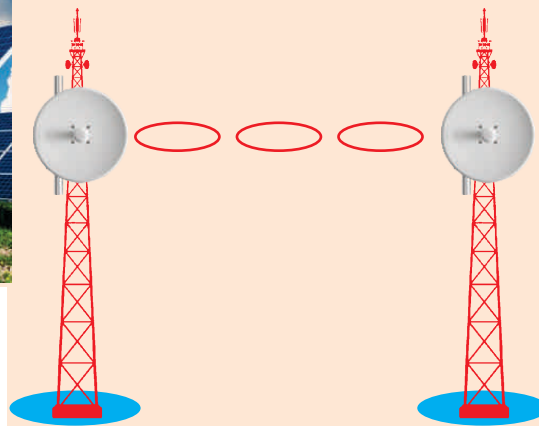
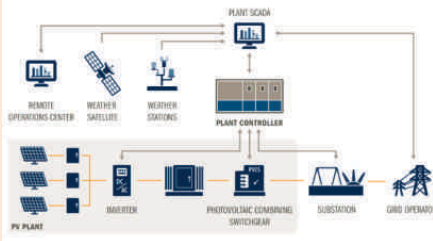
MICOM Main & Stand by
RTU PANEL



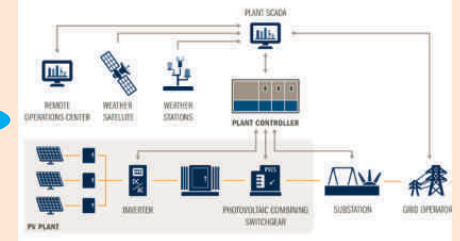
TS SLDC

Integration of SCADA of different solar power plants on RF links

Solar PV plant # 1



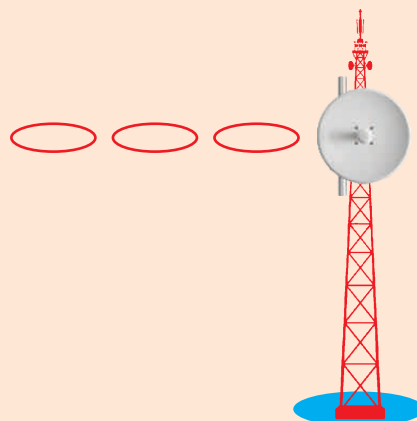
Solar PV plant # 2



Internet bandwidth delivery to Solar power plants



Internet Service Provider



Our Clients :



We are Certainly a solution ahead of our competition always.

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