



INTELLOTECH SOLUTIONS

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**COMPREHENSIVE
REAL-TIME MONITORING SOLUTIONS
FOR SOLAR PLANTS**



An advanced IoT gateway that enables remote monitoring of all your Solar assets across dispersed geographical locations on a single platform.

A comprehensive, yet easy-to-implement solution that can help you manage your portfolio in real-time with intuitive analytics built-in, to aid higher plant availability, pro-active maintenance and trouble shooting, to help you realise optimum returns on investments.

HOW IT WORKS

INTELLO offers cross-functional, end-to-end, and ready to use upright IoT solutions that address specific market/customer requirements and maximize your business potential with smart global connectivity.

At core of the system is the INTELLO Remote Terminal Unit (RTU), a GSM based device that is installed locally and connects with the unique INTELLO platform, thus integrating your entire Solar assets portfolio into a single portal with dedicated phone and desktop applications.

While the cost-effective INTELLO RTU supports all inverters, it also comes pre-engineered for integration with an optional Weather Monitoring System (WMS).

KEY FEATURES OF THE SYSTEM

PLATFORM

- Easy User interface
- Summary view of active performance
- Centralised monitoring with predictable maintenance
- Real-time performance ratio and solar yield calculation
- Dedicated Mobile Application for captive use customers
- Big Data storage to monitor at any scale
- Site Level reports and complaint system
- White labelling of the interface for large EPC companies

CENTRAL DASHBOARD

- Complete portfolio with graphical representation on a single page
- Quick totals on carbon footprint reduction
- 7 day instant analysis to compare site performance during the past week
- Site and inverter level quick reports and charts
- Importable data for customised reports and plotting
- Historical Daily/Monthly/Yearly reports
- Real time monitoring with data refresh intervals of 5 mins.
- WMS data visualization to co-relate with the performance
- Quick View based on Site status to point faults/errors on a site
- Map view to locate sites on Google Maps

REMOTE TERMINAL UNIT

- Easy to install-Plug and Play in minutes
- Configures up to 32 inverters through a single device
- Remotely configurable via Internet/Mobile APP
- Inbuilt power source for failsafe operation
- GSM based device with a certified IP65 enclosure
- Compatible with all makes of inverters
- RS485 connectivity

