IIoT for Telecom Towers, Distributed Energy & Sub metering

Invendis
Invent, Discover.

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Unlock Efficiency &Productivity
Solve Challenges
New Monitoring Methods

IIoT for
Telecom Towers
Distributed Energy
& Sub metering

INVENDIS MISSION IS TO PROVIDE SEAMLESS AND RELIABLE DISTRIBUTED INFRASTRUCTURE MANAGEMENT SOLUTIONS

Invendis technologies is a leading manufacturer of IIOT hardware and software products. It delivers solutions to global customers that facilitate in managing remote assets effectively and efficiently, while optimising energy consumption.

Invendis solutions enable large infrastructure companies to monitor, control, maintain & manage their distributed infrastructure. It measures & validates consumption of resources leading to resource optimization, facilitating environment sustainability by reducing carbon footprint.
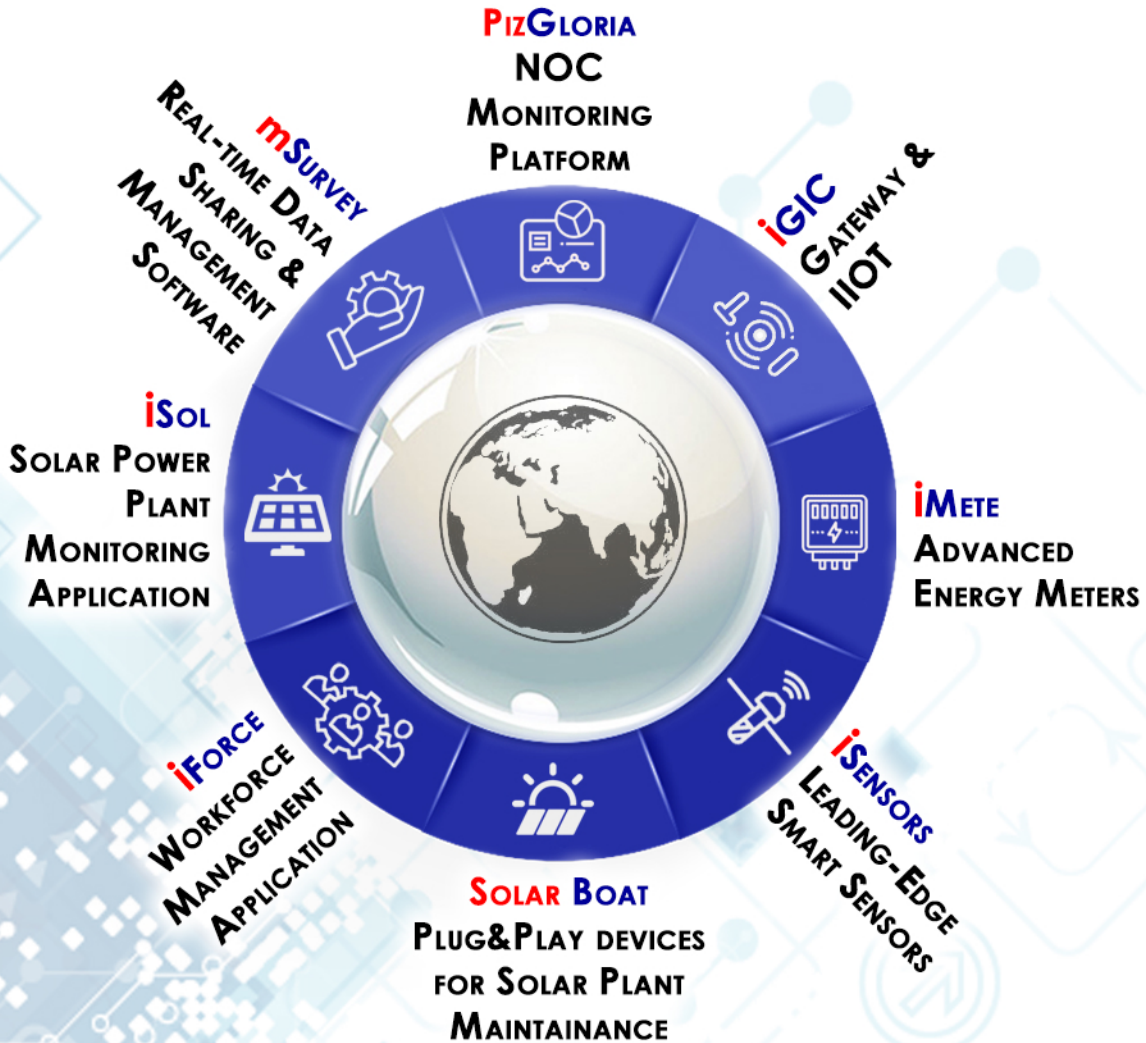
Drive productivity, save money, and simplify business processes

Implemention across various cloud technologies

Communicate via all standard communication protocols to integrate with 3rd party controllers & applications

PizGloria
NOC Monitoring Platform

mSurvey
Real-time Data Sharing & Management Software

iGIC
Gateway & IIOT

iSol
Solar Power Plant Monitoring Application

iMete
Advanced Energy Meters

iForce
Workforce Management Application

iSensors
Leading-Edge Smart Sensors

Solar Boat
Plug&Play devices for Solar Plant Maintainance

Avail real-time operational data when decision making is critical

Enable local data decisions and reduce latency in field decisions

Facilitate broader business decision making with advanced analytics

OUR GATEWAYS FULFIL THE DEMAND FOR CONNECTED DISTRIBUTED IP DEVICES IN REMOTE LOCATIONS. CO-LOCATION IS SUPPORTED BY BOTH WIRED & WIRELESS COMMUNICATION PROTOCOLS

COMMUNICATION GATEWAY

ENERGY METER & END TO END BILLING

MOST SUITABLE FOR DISTRIBUTED ENERGY AND SUBMETERING PURPOSES. IT INCLUDES A WIDE RANGE COMPRISING OF BASIC FUNCTION METERS, MULTI-FUNCTION METERS, MULTI-CONTROL METERS & ADVANCED METERS. THEY ARE DESIGNED TO BE ADAPTIVE TO CUSTOMERS REQUIREMENTS & IDEAL FOR CUSTOM FIT APPLICATIONS

PROVIDES REMOTE ACCESS TO GENERATOR PERFORMANCE PARAMETERS FOR MAINTENANCE & MANAGEMENT. IT HELPS IN DETERMINING FUEL EFFICIENCIES AND PLAN REFUELLING VISITS. IT'S ADVANCED NOTIFICATION SYSTEM DETECTS FUEL THEFT, FUEL LEAKAGE AND WATER CONDENSATION

DIESEL GENERATOR MONITORING & FUEL THEFT ALARMS

SOLAR MONITORING & PANEL CLEANING ROBOTS

AIDS IN MONITORING, CONTROLLING & OPTIMIZING SOLAR POWER PLANT PERFORMANCE. IT COMBINES VARIOUS DISTRIBUTED EQUIPMENT INTO ONE MONITORING SYSTEM PROVIDING CONTROL OVER THE ENTIRE PLANT. OUR CLEANING ROBOTS ARE COMPLETELY AUTOMATED AND HIGHLY EFFICIENT ENSURING OPTIMAL PANEL PERFORMANCE

TELECOM REMOTE MONITORING

MOBILE APPLICATION FOR FIELD REPORTS

BATTERY MONITORING AND THEFT DETECTION

WORKFORCE MANAGEMENT

TELECOM TOWERS ARE SPREAD ACROSS REMOTE GEOGRAPHIES AND ARE EXPENSIVE TO MAINTAIN. OUR INTELLIGENT IIOT SOLUTIONS CAPTURE AND TRANSMIT ALL PARAMETERS, POWER, ENVIRONMENT & SECURITY ASPECTS OCCURRING AT THE ASSET SITES TO THE NOC. USING EDGE COMPUTING, OUR SOLUTIONS AUTOMATE SEVERAL OPERATIONAL DECISIONS RESULTING IN HIGHER LEVELS OF ASSET PERFORMANCE AND OPERATIONAL EFFICIENCY PROVIDING GREATER CONTROL ON CAPEX AND OPEX
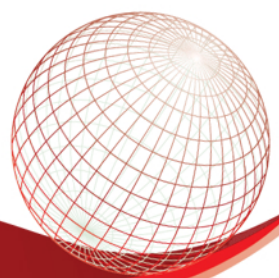
PROVIDES FORMS FOR DATA COLLECTION & SHARING, EMPOWERING WORKFORCE TO SEND WORK COMPLETION DATA TO STAKEHOLDERS. COMPLETED TASKS ARE VALIDATED WITH GEOLOCATION, IMAGES & DATE

RECORDS AND TRANSMITS BATTERY BANK PERFORMANCE DATA TILL THE END OF THE BATTERY LIFE. OUR INTELLIGENT ALGORITHMS DETECT DETERIORATING BATTERIES AND TRIGGER MAINTENANCE SCHEDULES PREVENTING UNPLANNED BLACKOUTS. OUR ADVANCE NOTIFICATION SYSTEM TRIGGERS REAL-TIME ALARM WHEN BATTERY IS DISCONNECTED DETECTING THEFTS/ DISCONNECTION
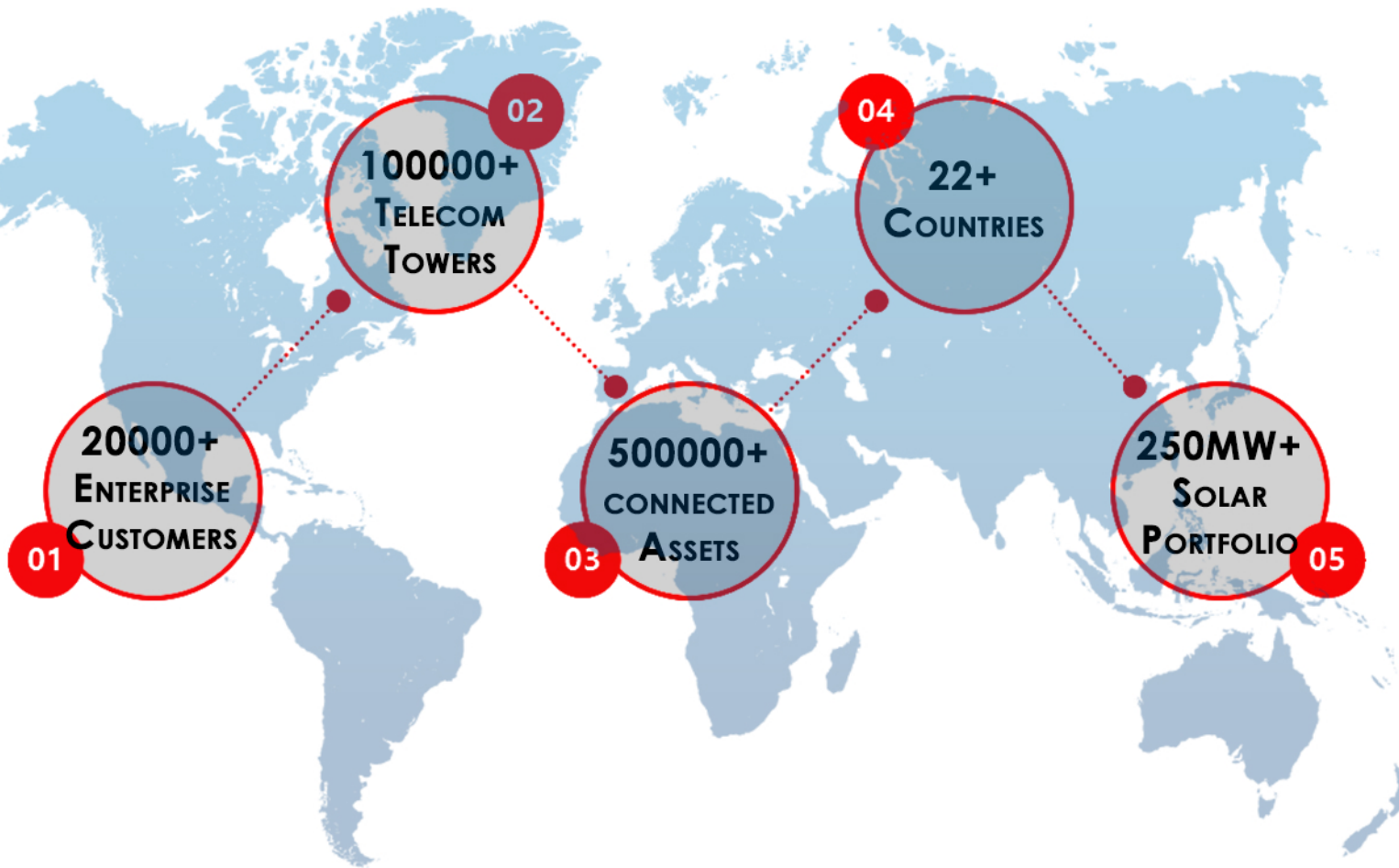
TOWERCOS CAN CAPITALISE ON OSS FEED/INTEGRATION BY IMPLEMENTING WFM PLATFORM TO TRIGGER WORKFLOWS, ENABLE GRID, FUEL & ENERGY MANAGEMENT, CHANGE MANAGEMENT & ASSET MANAGEMENT FUNCTIONS. COMBINED WITH PROJECT MANAGEMENT, DOCUMENT MANAGEMENT, SHERQ AND KPI SIGNOFF, WFM PLATFORM IS A COMPREHENSIVE AND A COST-EFFECTIVE SOLUTION

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02 100000+ Telecom Towers

04 22+ Countries

01 20000+ Enterprise Customers

03 500000+ connected Assets

05 250MW+ Solar Portfolio

INCREASING BUSINESS EFFICIENCY CONNECTING & INTEGRATING SEAMLESSLY