EMS Invirotel Energy Management

Smart About Energy

Services Brochure

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Advanced Meter infrastructure

- Meter management.
- Portfolio management.
- Savings and recovery.
- Fraud and fault alerts.
- Tenant empowerment.

Field Services

Audit

- Thorough electricity and water assessments.

Installation

- Professional installation and commissioning.
- Issuing of Certificate Of Compliance (C.O.C).
- Compliance with SANS 10142.

Support

- 24/7 National call center.

Vending Management

- End to end vending solution.

Options

- Credit Card.
- Internet Purchase (EFT).
- Mobile Purchases (E-Wallet).
- Vouchers (STS).
- Over the counter (Cash).

Billing Management

- Comprehensive accurate billing schedules.

Tariff Management

- Supports all tariff structures.

Available 24/7

Consulting

- Utility management.
- Vending, Billing and Tariff management.
- Energy efficiency management.

Profiling

- Measure circuits and appliances every 5 seconds.
- Identify energy wasting circuit and appliances.

Analysis

- Powerful real time statistics.
- Load and demand control.

Reporting

- In depth secure reporting.
- Automated scenario planning and budgeting.

Bidvest Electrical

Proudly Bidvest

Advanced metering infrastructure (AMI) is an integrated system of smart meters, communication networks, and data management systems that enables two-way communication between utilities and customers.

Some of INVIROTEL AMI features are included in a monthly fee and includes:

Meter management

- No more manual reading of meters.
- Accurate, real time readings.
- Mobile access of information and control of electricity, water and gas.
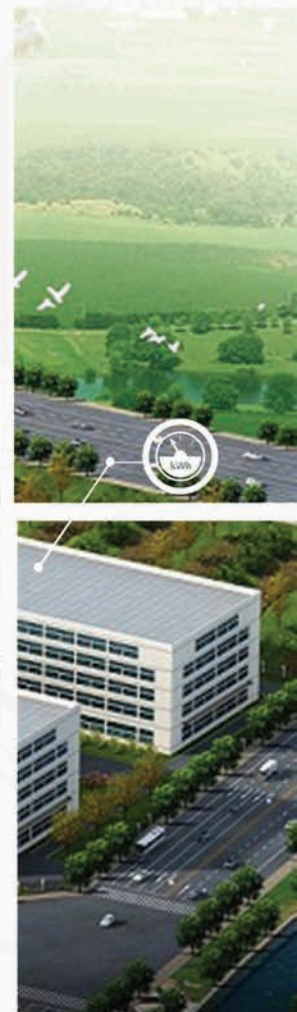
Portfolio management

- Centralized management system for an entire portfolio of properties.
- The portfolio manager can monitor and manage properties individually, regionally or across the entire portfolio.
- Savings and recovery.
- Controlled and gradual cut-off for non-payments.
- Allows for faster outage detection and restoration of services.
- Tamper, bypass, leakage and power failure alerts-reported via Email and SMS.

Tenant empowerment

- Tenants can access their usage data any time through the internet.
- Tenants now have control of their own consumption.

Carbon emissions

- Accurate carbon emission reports.
- Implementation of carbon reduction programs.

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Vending

- End-to end solution.
- Real time.
- Comprehensive set of reporting.
- Automatic remote or manual recharging.
- XML Vend (If Required).

Vending options include:

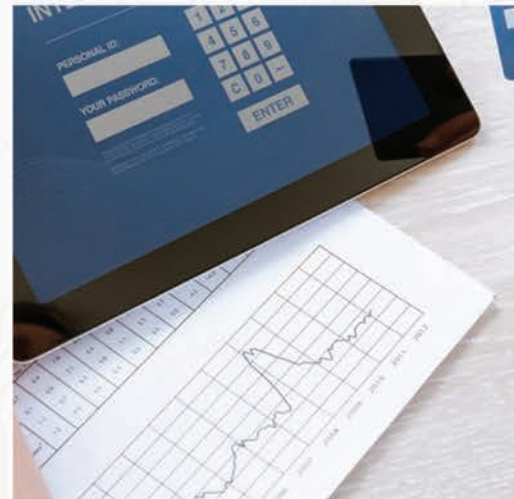- Credit card.
- Internet purchases (EFT).
- Mobile purchase (E-wallet).
- Vouchers (STS).
- Over the counter (Cash).

Billing

- Accurate bills.
- Billing schedules.
- Penalties, levies and connection fees are included in the bills.
- Bills can be viewed 24/7.

Tariff

- Supports all tariffs- Standard, block, spot, straight and time of use.
- All South African Municipal tariffs catered for.
- All ESKOM tariffs catered for.
- Customised tariffs.

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Profiling-Circuit and Appliance Monitoring

- Measurement every 5 seconds or longer.
- Power, consumption, power factor, reactive energy, carbon emissions, frequency and voltage all measured.
- Individual circuits, lights and appliances all measured.
- Accurately identifying energy wasting circuits and appliances .

Reporting

- Comprehensive secure automated reporting.
- Reports can be integrated.
- Scenario planning and budgeting.

Analysis

- Powerful real time statistics through graphs and charts.
- Comprehensive and unique insight into consumption and billing.
- Load control and demand management.
- Accurate Carbon emission details.

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Audit

- Electrical and water assessments by qualified team.
- Pre-installation preparation.
- Installation plan and schedule.

Installation

- Installation and commissioning of all hardware.
- Issuing of (Certificate Of Compliance) C.O.C.
- Compliance with SANS 10142.

Support

- 24/7 National Call Center Help Desk.

Priority Level	Service Cover Period	Time to respond (per incident)	Time to restore (per incident)	Permanent Solution time	Time to Onsite (only if incident requires onsite resolution)
Priority 1	24 hours/day x 7days/week x 365 days/year	60 Minutes	4 Hours	5 Days	24 Hours
Priority 2	24 hours/day x 7days/week x 365 days/year	4 Hours	8 Hours	30 Days	Will be determined by call desk
Priority 3	08:00 to17:00, Monday to Friday, excluding public holidays	8 Hours	2 Days	60 Days	Will be determined by call desk
Priority 4	08:00 to17:00, Monday to Friday, excluding public holidays	8 Hours	5 Days	90 Days	Will be determined by call desk

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Consult Your Partner in Smart Energy Solutions!!

Invirotel prides itself on maintaining constant communication with its clients at an affordable rate. Insightful consulting services will assist the client to manage their relationship with the utility supplier as well as billing, tariff and energy managment.

Utility Management

- Mediating between client and utility providers.
- Communicating any changes of procedures and regulations.
- Ensuring that the client receives bills on time.

Tariff Management

- Assist with all aspects of tariff management.
- Educate the client on available tariffs.
- Ensure the client is on the best tariff structure to cut cost.

Energy Efficiency Management

Through our partner, Voltex we have the following available:

- Energy management.
- Power quality analysis.
- Lighting and motion sensors.
- Photovoltaic (Solar).
- Daylight harvesting.
- Industrial skylights.
- Water heating.
- Inverters and generators.

For More Info & Pricing Please Contact

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