

# SMART METER SOLUTIONS



**JAMPUR GROUP**



# Integrated smart metering solutions you can rely on

Jampur supplies a range of smart energy and water metering solutions that enable utilities to reduce losses and customers to enjoy easy payment comfort.



## How does prepay work?

1. Consumer purchases credit and is issued a unique token.
2. Consumer loads token into the meter and is connected to electricity.
3. When credit is depleted, supply is disconnected.



## Utility benefits

- Zero consumer debt
- No meter reading required
- Automates disconnections / reconnections
- Accurate and frequent consumer records
- Reduced electricity consumption (average 20%)

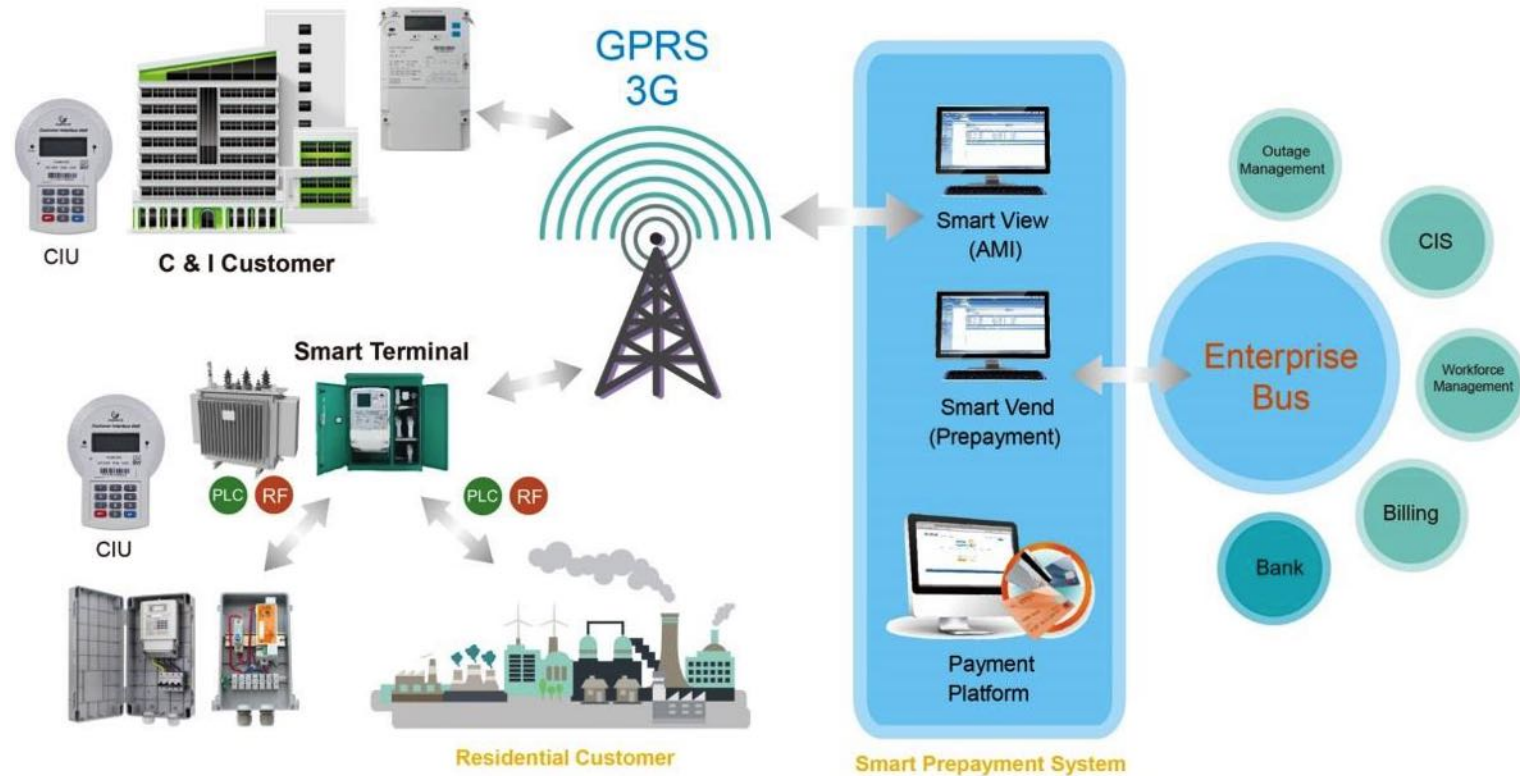
## Customer benefits

- No postal address, deposits or bank accounts needed
- Convenience of purchase
- Consumption according to budget
- No disconnection / reconnection fees
- No billing discrepancies
- Visible credit and consumption
- Privacy (no meter reading)



## A complete integrated solution

- ✓ Offline smart meters
- ✓ Online smart meters
- ✓ Transformer metering
- ✓ POS software solutions
- ✓ Utility management software



100% compatible with all international standards

The Smart Prepayment Solution is a combined solution with prepayment metering technology based on STS standard (IEC62055) and smart metering technology based on DLMS/COSEM (IEC62056), both of which are open protocols and universally compatible in both hardware (meter) and software (system) domains.

## Prepaid meters

A complete range of reliable, accurate and user friendly meters that are easy to deploy and integrate in your network.



Integrated 3 phase meter



Split single phase meter

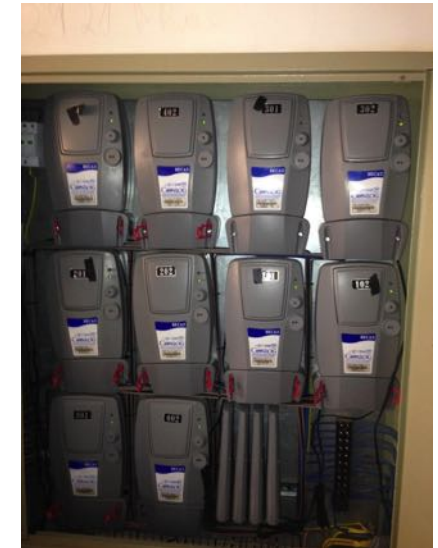


smart water meter

All meters can be fitted with modems for remote management and payment. Connection between meter and interface through PLC or RF communication.

## Fast and easy installation

We can preconfigure meters to minimise installation time and errors in the field.



## Smart transformers

By fitting all medium voltage transformers with our CT and VT smart meters, we can monitor and consolidate exactly the flow of electricity through the network. Any misuse or technical issue is immediately identified in real time.



Direct Connection multi-function three phase smart metering device with modular design. The device includes CT, VT, Box and communication module directly connect to Medium voltage feeder (up to 35KV).

Accurately measures electrical energy directly from medium voltage and is suitable solution for utilities and industrial Customers. With flexible communication module meter provides varieties communication media for remote management and reading.

The integrated design (CT, PT, Meter and communication module in one box, directly connected to MV Line) has excellent anti-tamper feature to help utilities for revenue protection.

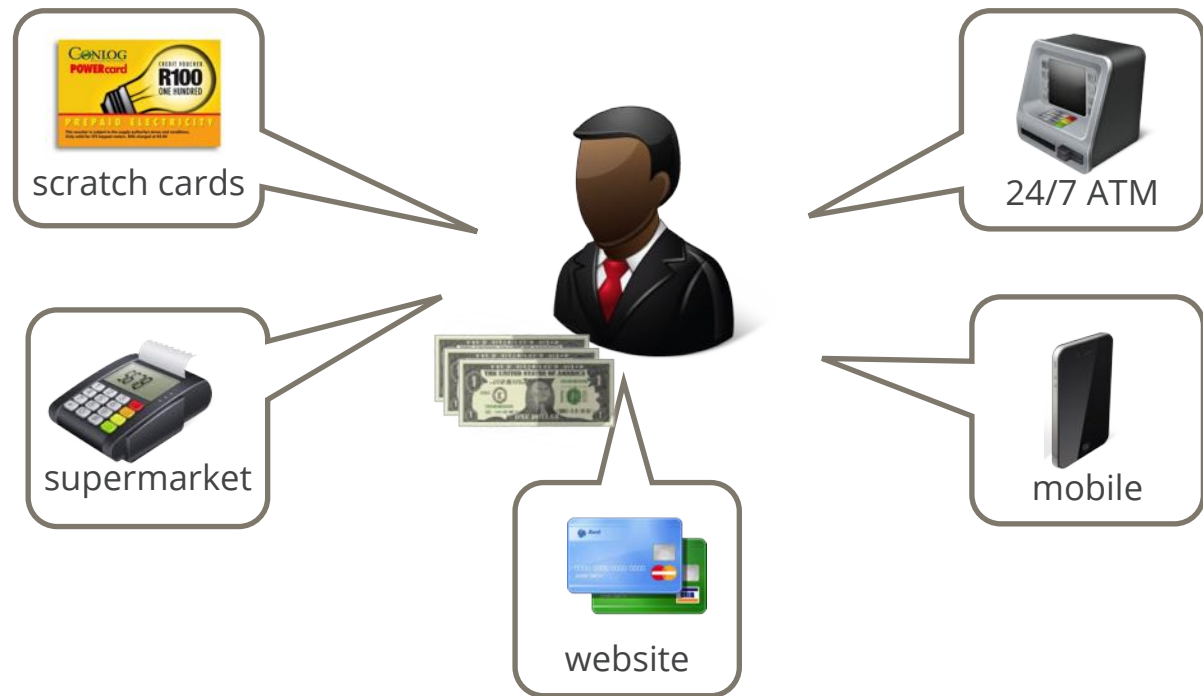
**The result, a truly smart grid!**



## POS vending solutions

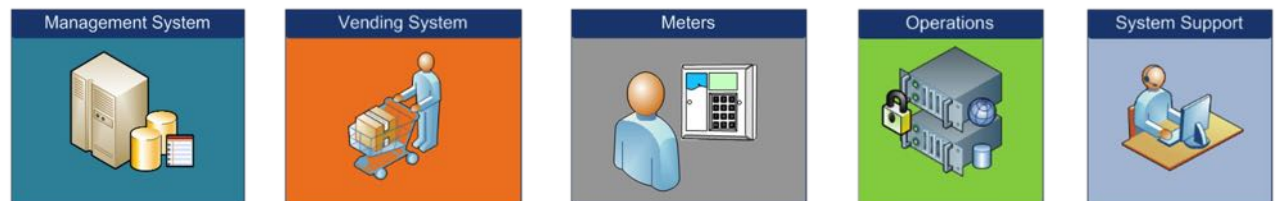
A complete token vending solution, making it easy for the customer to purchase credit.

And utility collects revenue in advance without losses.



## management software

Our software solution brings everything together in a comprehensive and easy to manage system.



**And because we use open standards we can connect to existing equipment and solutions!**

## From our network of offices we cover every country in Africa and the rest of the world

We look forward to working with you so please contact us with any requirement you may have.

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