

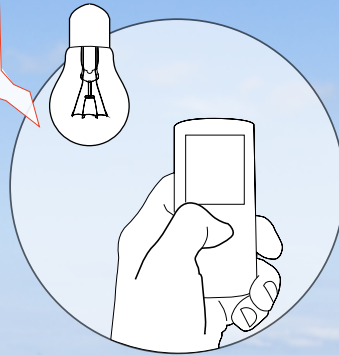
Steamaco hardware, data and smart analytics transform microgrid operations, profitability and bankability.

Our technology currently monitors and controls 30+ microgrid sites in five countries for E.ON, Wells Fargo, Vulcan Inc., Finlays and others.

Steamaco allows utilities to:

- Collect revenues from customers efficiently
- Communicate with customers effectively
- Set powerful automatic controls and alerts
- Optimise a large portfolio
- Reduce operating costs

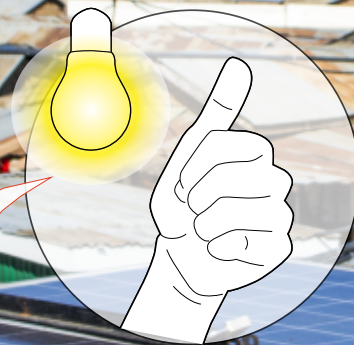
1. Customer pays for power using mobile money or a scratch card



2. Steama receives the payment.



3. We credit the account and power flows to the customer.

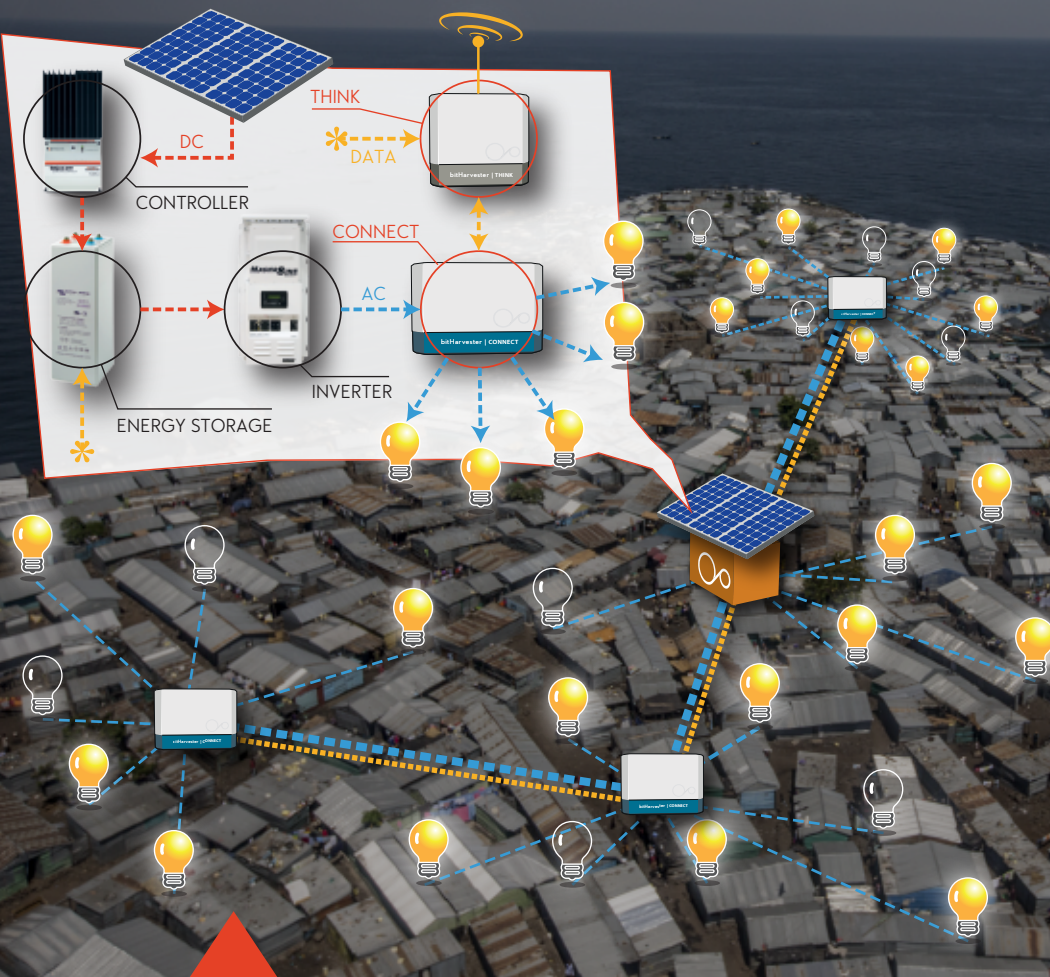


Data on payments, technology diagnostics and user behaviour flow to operator allowing iteration and smooth operation of portfolio



World leading technology primed to take energy access in off-grid areas to the next level, bringing power to those who need it most.

HOW IT WORKS



THINK UNIT:

The **THINK** provides two-way communications between the **Steama dashboard** in the cloud and your microgrid, processing payments and delivering data to and from the **CONNECT** Units.

Developed in some of the World's toughest and remotest locations, the **bitHarvester** is a robust and powerful tool opening up new frontiers to the **Internet of Things**.

CONNECT UNIT:

The most sophisticated microgrid management tool available today, the **bitHarvester CONNECT** Unit controls delivery of high quality metered AC power to businesses and households.

HARDWARE SPECIFICATION:

- Based on ARM Cortex 32-bit RISC core
- Cinterion BGS2-W GSM modem module
- Modbus interface for peripherals flexibility
- Sophisticated on-board decision making
- High accuracy energy metering
- Robust communications for remote areas
- Compatible with a wide variety of sensors

The bitHarvester hardware and Steama online dashboard are inherently flexible and can integrate with multiple technology platforms across multiple applications seamlessly.

STEAMA DASHBOARD KEY FEATURES:

- Live revenue and power use information
- Powerful data analytics and forecasting
- Works with any mobile money provider
- Instant user alerts via SMS, email, web
- Set daily energy allowances or custom tariffs
- Emailed monthly PDF reports

"SteamaCo enables us to deliver a first world customer experience to our customers in rural Africa."
- E.ON Off Grid Solutions

"SteamaCo's innovative product is helping to take energy access in offgrid rural areas to the next level."
- Ashden Awards Judging Panel 2015



1,000 homes and businesses in 5 countries rely on SteamaCo for their power and water.

SteamaCo operates 70% of Kenya's microgrid market.

**Ashden
Gold
Award
2015**



STEAMACO
FRONTIER TOOLS



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