

# WeBill raises the SaaS metering bar

WeBill's *beyond revolutionary* is the SA technology start-up company's promise to the market as they launch their affordable software as a service (SaaS) utility management suite.

Given the global energy crisis, there is a need for advanced, intelligent systems to collect, store and publish data analytics. As such, WeBill developed its globally patent-pending technology focusing on service and distribution management of utilities. "Our vision is to address burning service delivery problems in South Africa and to revolutionise the way customer-centric utilities are managed in an affordable manner," says Ayal Rosenberg, WeBill's co-founder and developer.

### What makes WeBill stand out?

The company has introduced the market's only domestic bidirectional IoT smart meter that supports prepaid time-of-use and net-metering. This is an important software market development as new solar PV installations in commercial, industrial, and residential sectors come online.

The WeBill integrated Utility Management Ecosystem SaaS offering uses cutting-edge technology to simplify the complexities of all aspects of utility management in the most cost-effective way, including:

- **Core:** Access all other WeBill modules, manage users, security, and inter-company relations and view financial transactions.
- **Device Management:** View data on all devices and schedule meter reads with actionable alerts and warning triggers for field agents.
- **Tariff:** Global registry of industry-standard tariffs, keep tariff rates up-to-date, while data verification systems reduce the potential for human error.
- **Portfolio:** Set up, manage and report on utility usage for property portfolios with in-depth information about the performance of properties.

### The WeBill Ecosystem solution is suitable for:

- Body Corporate / Homeowners Associations: Equitable allocation of consumption to members.
- Managing Agents: Transparent billing helps with dispute resolution.
- IPPs: Create wheeling and generator tariffs and verify consumption.
- Property Developers: Patented technology allows for prepaid time-of-use and net metering solutions.
- Property Managers: Balancing outgoing payments and incoming utility collections saving time and money.
- Municipalities / Utility Providers: A reliable workforce that allocates and monitors instructions with quality control options.
- Meter Reading Companies: Seamlessly integrate incoming and outgoing data with most industry standard, legacy and ERP systems.

- **Consumer:** Empower end users through an app to pay for their utilities and manage their consumption transparently.
- **Field Manager:** Schedule, manage, and monitor meter reading agents and contractors in the field.
- **IoT Smart Devices:** Patented smart devices to facilitate prepaid time-of-use.

For the South African market, some aspects of the technology address the future energy landscape created by the introduction of wheeling, energy trading and net-metering schemes. These include:

- Net/Feed-in single-phase prepaid and post-paid smart meters;
- Net/Feed-in three-phase prepaid and post-paid smart meters;
- Patented proprietary communication protocol with WeBill meters enabling half-hourly readings;
- Support for regular and time-of-use post-paid and prepaid;
- Support for six different feed-in/net-billing strategies;

- Enterprise Management Studio (SaaS) hosted in the City of Cape Town; and
- Comprehensive billing, banking, invoicing and accounting with straight-through processing and proprietary payment switching with selected South African banks.

This new software isn't only aimed at businesses but at making consumers' lives easier. It enables customers to:

- Pay for electricity (post-paid and prepaid),
- Track grid and feed-in usage and charges in real-time,
- Redeem excess consumption or feed-in credits,
- Manage multiple installations from a single application,
- Easy fault reporting, and
- Receive loadshedding notifications.

WeBill's latest SaaS solution already has relevant SA regulatory bodies' approvals, which means it's ready for market delivery. Additionally, the technology is subject to a duly lodged SA patent. <sup>ESI</sup>

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f in t y i

**Core**

**Device Manager**

**Consumer App**

**Portfolio**

**Tariff**

**Field Manager**

**IoT Smart Devices**

**Net-billing (Postpaid & Prepaid)**

**Fault Reporting**