

SEBATA

PRE-PAID WATER METERING SYSTEM



Sebata Municipal Solutions is the leading provider of integrated technology solutions, enterprise management systems and multi-disciplinary professional services to municipalities, provincial government, public and private entities, and has been for more than 40 years.

Sebata now brings you a water management solution with pre-payment functionality, leak detection, automated meter reading, and real-time control

Utility Systems, a sister company of Sebata, has developed the world's first commercially viable pre-paid water metering system, approved by the Standard Transfer Specification (STS) Association.

SPECIFICATIONS

Sebata's water management solution includes:

▲ Water management device (WMD)

The WMD is an intelligent metering device that can be electronically modified in the field to implement a number of different metering system options, such as finite or pre-negotiated daily or monthly allowances, flat-rate billing, automated meter reading (AMR), and pre-payment metering. It contains an electronically controlled valve and microprocessor with embedded firmware. Water consumption is monitored directly from the pulse output of a conventional water meter via a fully electronic pick-up.

Key features

- Allocation of a finite or pre-negotiated daily or monthly allowance
- Logs and stores water consumption data over an extended period
- Stores cumulative month-end consumption data to be used for billing purposes
- Detects leaks and warns of possible consumer-side leaks
- Detects tamper and by-pass
- Allows real-time control
- Reduces unaccounted for water loss and non-revenue water

▲ User interface unit (UIU)

This is the remote display unit installed within the consumer's home that provides the gateway to the WMD installed outside the premises

▲ Bulk WMD

For commercial and industrial, or large bore use – up to 50mm

▲ Systems

Sebata's WMD STS-approved pre-payment system allows:

- Improved financial control through the SebataFMS billing system
- Greater control by the consumer over their own water needs and expenditure
- Internet-based vending and the use of third-party vending platforms