

How the system works



Water credit can be charged on Prepaid transponder cards or transactions can be realized via mobile phone/ internet.



The controller unit can be implemented detached or in box with valve and water meter. Placing a charged card on it starts the water flow.

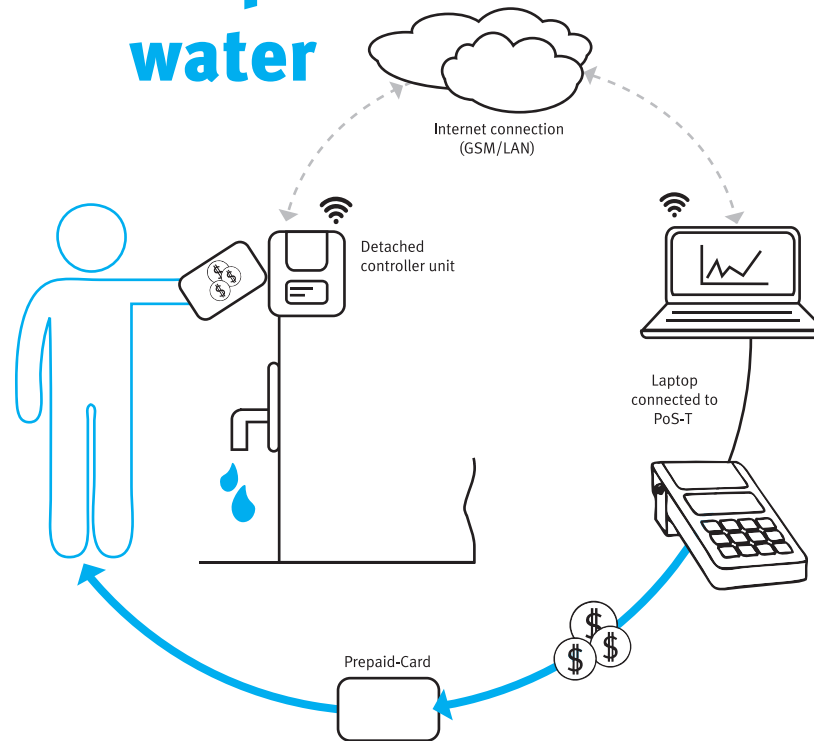


The Point of Sale Terminal (PoS-T) charges credit on Prepaid Cards and allows you to authenticate and login to your software.



The iSAtech software allows to monitor all components of your system and run statistics. New consumers can be set up here as well.

Prepaid water

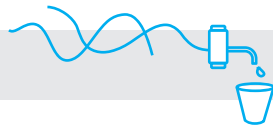


Mobile phone payments

To ensure maximum flexibility, safety and optimal monitoring conditions, the prepaid water tap can be run with internet/ mobile phone payments instead or along with the prepaid card solution.

A stable internet connection is not mandatory! For internet connectivity iSAtech offers a GSM-Router including redundant modem for flexible uplink intervals. Optional the system can be run stand alone with battery to meet all requirements of customers in remote regions.

Public



Water kiosk - Camping sites - Urban areas - Water purification

Domestic



Households - Holiday rentals - Dormitories

Industry



Tanker stations - Water supply industry - Irrigation systems





RFID card or internet cloud

The prepaid water tap is connectable to the internet. Payment possibilities range from rechargeable transponder-card, internet cloud services over mobile phone application to SMS service.



Mobile phone network

To guarantee safe payments via internet, real time control and monitoring of all transactions iSAtech offers a router with redundant modem which allows flexible uplink intervals via GSM.



Long life battery

For in field operation without access to electricity the prepaid water meter is equipped with a long life battery. This enables the system to be run stand alone with low maintenance up to 5 years.

The company

iSAtech water GmbH was founded out of iSAtech GmbH especially for the area of prepaid metering systems. With almost 20 years of experience iSAtech water is technology leader in the area of transponder based prepaid water metering systems with modern industrial controller units. The development of the Low-Energy-Transponder technology was supported by the German Federal Ministry of Economics and Technology.

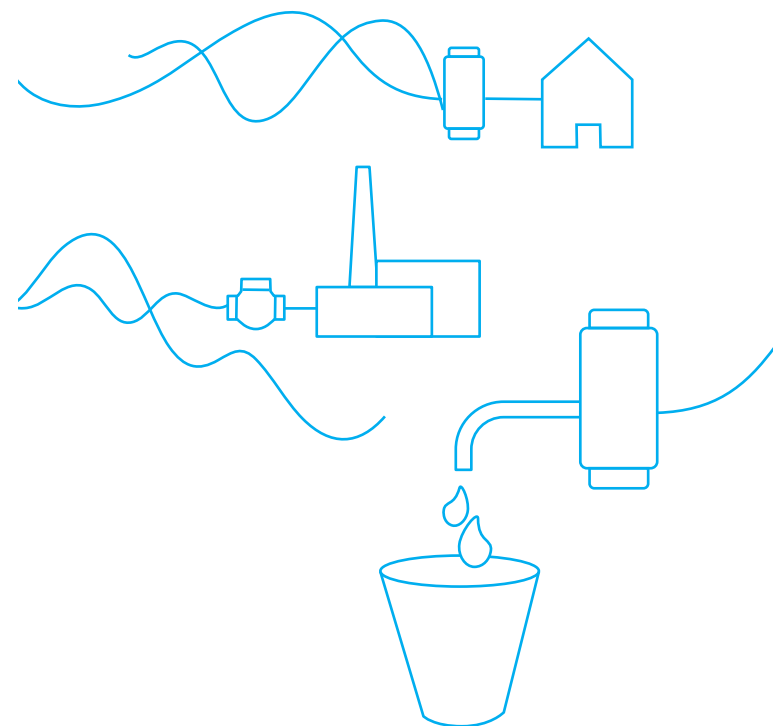
Since 2010 with more than 10 years of development, iSAtech water prepaid metering systems are successfully installed in different projects worldwide, among others in Africa, Nepal and Egypt.



iSAtech water GmbH
Alt-Moabit 59-61
10555 Berlin

Phone: +49 (0)30 364 037-15
Fax: +49 (0)30 364 037-14

zentrale@isatech.de
water.isatech.de



Prepaid water

Public water ATM &
Industry bulk metering systems