



RFID solution

for connection to metering
devices and nodes



Digital seal

The Digital Seal RFID solution is designed to detect and control unauthorized connections to meters and metering stations, control valves, and other piping components.



Tasks solved



- Automated marking of sealed objects with the introduction of an object description, its characteristics and installation address into the NFC-tag memory
- Automatic control of verification of sealed objects

“Digital seal” will automate the mechanism of working with metering devices, make it transparent and eliminate the fact of illegal water consumption bypassing the monitoring nodes.

System components

FlagTag RFID seal


The FlagTag indicator seal has a special insert that makes it impossible to remove the wire after installing the seal.

Each RFID seal is engraved with a logo and a unique identification number, which is duplicated on the movable and fixed parts, which prevents their substitution.

Data recorded in FlagTag memory is provided with multi-level protection against copying and unauthorized recording of information. Information protection in the RFID seal is provided by a special unique crypto key. Substitution of data, copying and subsequent rewriting to another seal is not possible.

System components

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ID number
The target label is missing 

Serial number

Number v/vv
146622784

Type
Water

The diameter of the counter
90

The counter number
H686545974

Installation address
41 Panfilov str., LA

Imei: 869553040050310



RST-Revisor

The RST-Revisor application is designed for smartphones with the Android operating system.

It allows regulators to verify seals using any mobile phone with an NFC module.

Entering and changing data in a seal, recording meter readings and performing authentication of a seal is possible only with the help of RST-Revisor.

The RST-Invent company provides the RST-REVISOR application for free upon delivery of RFID seals

System components



Designed for reading RFID tags in conditions without access to power sources, as well as outdoors.

Benefits:

- Read RFID tags during product search
- Inventory
- Automatically transfers data on all operations to the RFID system via wireless Wi-Fi or GSM
- Allows to read RFID tags autonomously



Company introduction

RST-Invent – is a Russian RFID-tags and equipment vendor, RFID-system and software developer.



Work experience since 2005



Own RFID-tags and equipment facilities in the Leningrad region



**Geographic reach:
RF, USA, Asia, Europe**



**A full cycle of competencies in RFID:
from the development of the element
base to the implementation and
maintenance of ready-made solutions**

"RST-Invent" company - is part of the Group of "Systematic"

The logo for GCS, consisting of the letters "GCS" in a bold, red, sans-serif font.

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