



SOFTWARE EXPERTS

- Information and control
- Efficient use of devices
- Cost savings
- Safety
- Better customer service
- Improved maintenance
- Responsive R&D



## TECHNICAL SPECIFICATION

### WRM HW FEATURES

**CPU:** ARM9

**Serial ports:**

RS-232/ RS-485/ USB

**Digital Output:** 2 (relay)

**Digital Input:** 16 (5-48 VDC)

**Analog Output:** 0..10V, 4..20 mA

**Analog Input:** 24 bit ADC

**Protocols:**

Modbus, CANOpen, customer specific, CAN, OPC UA (option)

**Connections:**

GSM, GPRS/EDGE, 3G, WLAN, Zigbee, Satellite, Ethernet

**Electrical characteristics:**

Voltage 10-96 VDC

**Environment:**

Operation temperature  
-35°C to 85°C

### WRM SYSTEM FEATURES

An important part of the system is the WRM Remote Server (WRM-RS), which collects data from remotely managed objects (WRM HW). The connection can be wireless, wired or through satellite. WRM-RS can be hosted anywhere on the internet. The SaaS deployment model is an option. Users can access reports and process data from the internet (https). The users' access to data is filtered and customizable. Customers and vendors have access to the same data, but see it in different formats and presentations.

**Server Platform Operating System:**

Windows Server, Linux, UNIX (AIX, Solaris)

**Java EE Application Server:**

BEA WebLogic, IBM WebSphere, JBoss

**Relational Database Platform:**

Oracle, MS SQLServer, IBM DB2, MySQL

**Enterprise Application**

**Integration (EAI):**

WebServices, JMS, RDB

## Be in control - anywhere

WRM is a complete remote control and management system. It integrates your machines and devices with your information systems. You are able to monitor and control all your equipment simultaneously.

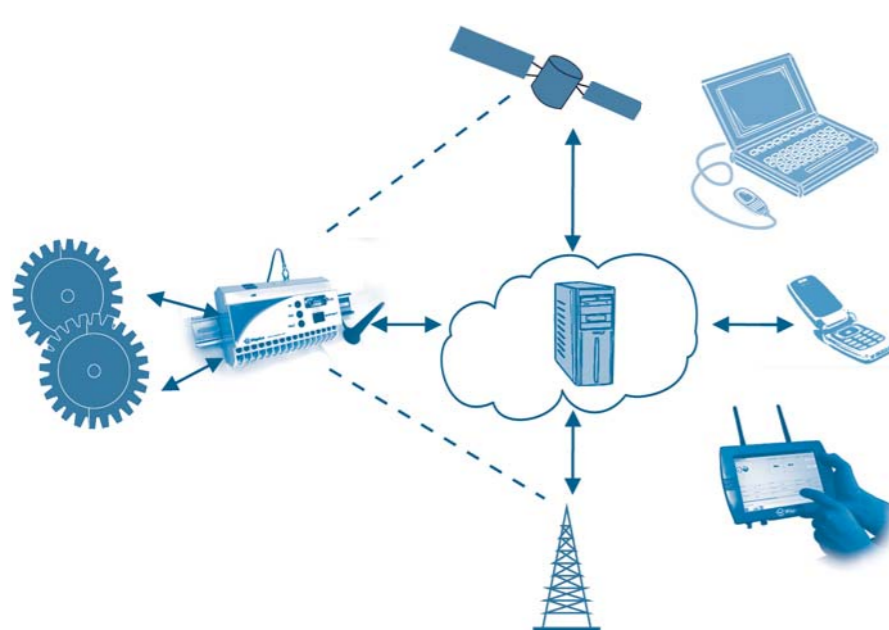
WRM is a complete solution with a wide range of features – it includes the electronics, server and software. It can also be customized according to your requirements, if required. The electronics needed is delivered by Wapico or by you, depending on your needs. In addition, the whole system is highly flexible; for example the connection between device and server is programmable and your existing protocols can be supported.

With WRM you get access to the information you need, whenever you need it and from any location in the world. Different users have different profiles. The information can be processed in graphical format and alarms can be received. You can use the information, for example, to control the current performance status of your equipment or predict service intervals.

WRM makes management easier by providing you with critical information while permitting remote control. The information gathered from your devices helps you to make decisions that improve efficiency and increase productivity. Remote control also offers cost savings and increased security.

WRM enhances better customer service for companies in the after sales business; customers can be offered more timely and targeted service. WRM also benefits maintenance: When detailed information is sent to the server, fault analysis and problem solving become faster. In addition, research & development is improved since real-time information on the actual usage of customer equipment is readily available.

Manage your machines • Manage your business • Manage your service



Wapice Ltd is a software company specialized in industrial solutions. We offer software products and software subcontracting to our industrial customers, the majority of our customers being globally operating high-tech companies.

Our software production is based on a certified ISO 9001:2008 quality management system.

Wapice employs over 100 software specialists and tens of experts on industrial process development.



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