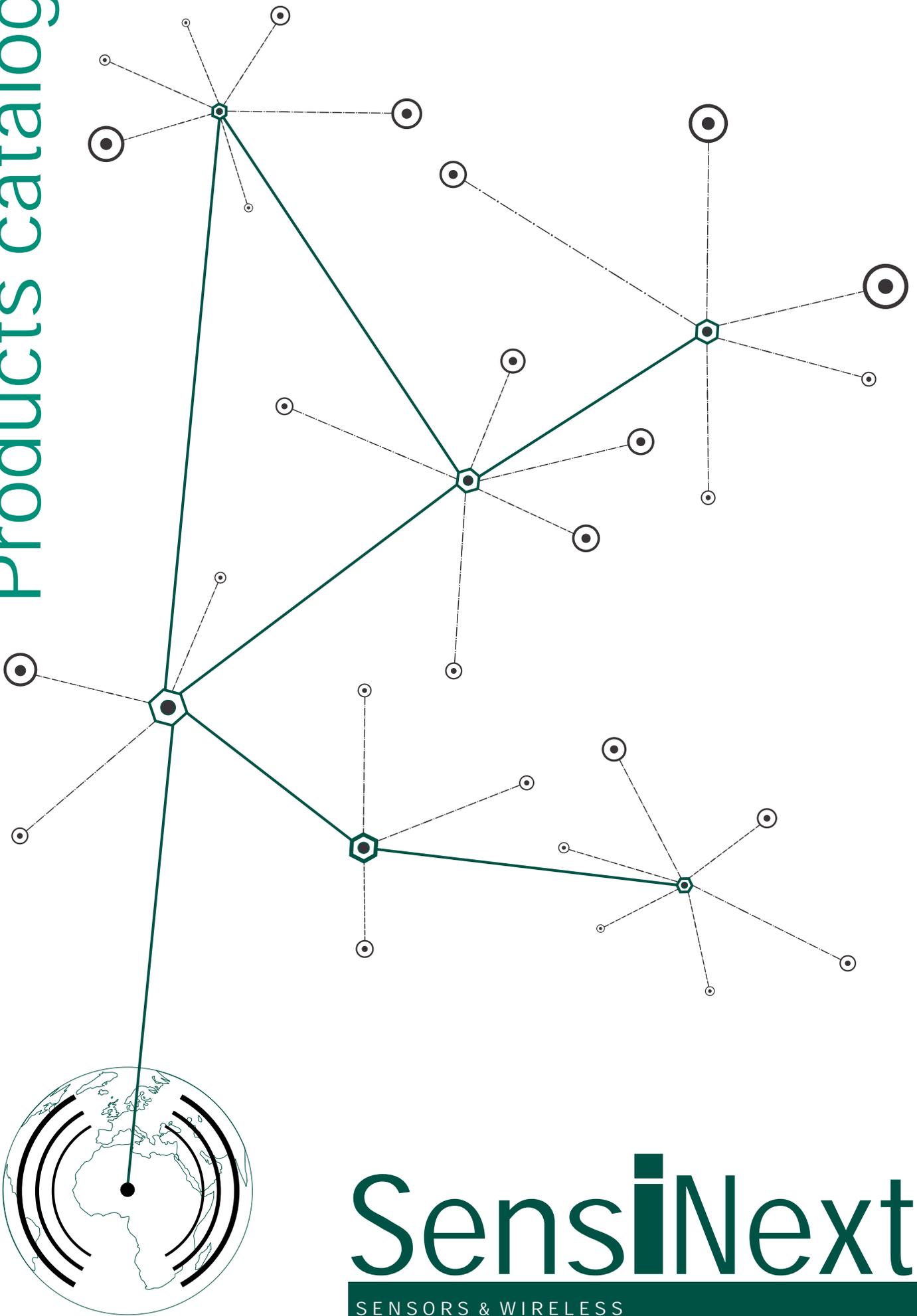


Products catalog



SensiNext
SENSORS & WIRELESS

SmartNext Basic

Industrial wireless radio sensors

SmartNext is the new SensiNext's industrial radio wireless system using state-of-the-art wireless technology (Frequency Hopping Spread Spectrum) to provide industrial monitoring and control solutions with the highest reliability and efficiency. The system operates in Star Topology providing full monitoring and solution from Wireless Sensor Transceivers, through the wireless network coordinator (Control Panel) to the data acquisition software in Control Room.



- Real Plug-n-Play installation
- Easy installation
- Reliable secured and robust radio link
- Frequency Band: 433 MHz, 868MHz, 915 MHz
- High performance, energy efficient system

SmartNext Basic system includes Control Panel (with Modbus RS-485 / TCP-IP, Repeater, Wireless Transducers with Enroll / Test button for quality of link). Each transducer has a led with few colors that shows the quality of the link.

Configuration is done via the keyboard on the Control Panel (no need for special software to configure the system). The Control Panel has lighted screen. The wireless transducers configuration is realized 4 basic steps. The structure of the Wireless Transducers allows to integrate most sensors in the market.



SensiNext



Temperature & Humidity Measurements in Warehouses



Millivolts Measurement for Cathodic Protection



Low Pressure Measurement in Clean Rooms



Temperature Measurements in Pharma Process

SmartNext RealWeb

Industrial wireless radio sensors with GPRS

SmartNext RealWeb includes the basic system devices, connected to the internet via an extended GPRS adapter. The system includes Control Panel, Repeater, various types of the Wireless Transducers (RTD Pt100, 4-20mA Passive, 0-2V Active and Digital On/Off) with an HMI software (NextView RealWEB) which is located on "cloud", via an external GPRS adapter.



- Real Plug-n-Play installation
- Simple and consistent user interface
- Reliable secured and robust radio link
- RealWeb is located on the "cloud"
- Full-featured graphic HMI

The software has the following features: Full-featured graphic HMI application, including development and run-time environments.

SmartNext RealWeb can display hundreds of nodes values on different graphic displays, real time alarms and historic file of variables and of alarms.

SmartNext RealWeb is located on "cloud".



SensiNext



Temperature Measurement in Motion



Measuring Temperature in Grains/Food Piles



Level Measurement in Tanks



Vibration Measurement in Paper Industry

WebNext

Industrial wireless GPRS

SensiNext's WebNext - an M2M (Machine-to-Machine) system, an integrated software and hardware intelligent platform is an ideal solution for Utilities, Homeland security, Enterprises with distribution sites in wide areas. It is Sub Critical Infrastructures, Manufacturing plants, and other users and more.

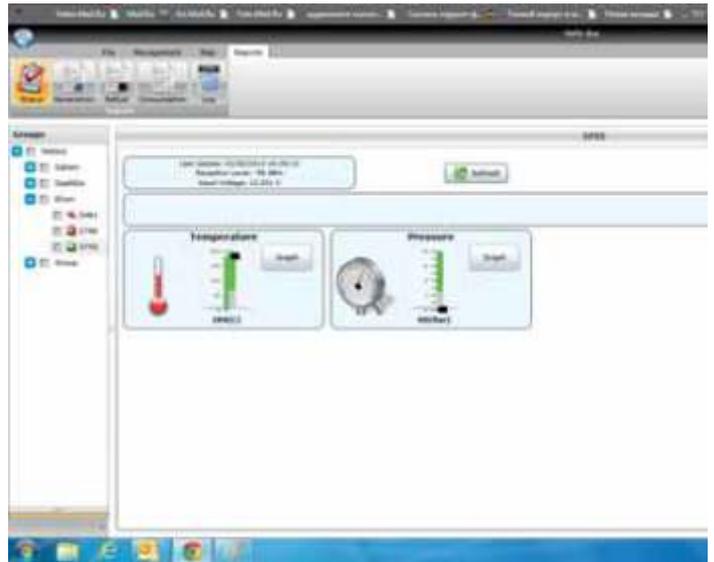


- Point-to-Multipoint system
- Cost-Effective solution
- Reliable secure and robust radio link
- WebNext is located on the "cloud"
- Easy Software to configure

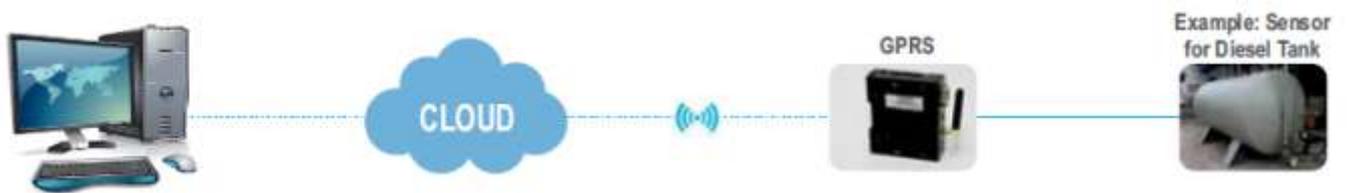
The system includes Remote Control and Monitoring Software, located on "cloud", as well as sensors with Analogue Inputs (4-20mA) and Digital Inputs / Output.

This is a Point-to-Multipoint system using standardized GPRS modem, Wireless Digital Data Transmission and Internet technology.

The system can manage multiple remote sensors in several locations, enabling them to interact with IT systems of organizations without human intervention.



SensiNext



Monitoring of Temperature in Generators



Monitoring Pressure of Pump outdoor



Fuel Monitoring Solution for Leaking Detection



Non-Contact Measuring in Plastic Industries



NextView

SCADA software for SmartNext

NextView offers a complete SCADA based solution for process engineers, system integrators, or operators. NextView features unparalleled ease of use, advanced graphics capabilities and zero maintenance data logging, together with a proven high-performance communication engine to deliver an affordable, superior SCADA experience.

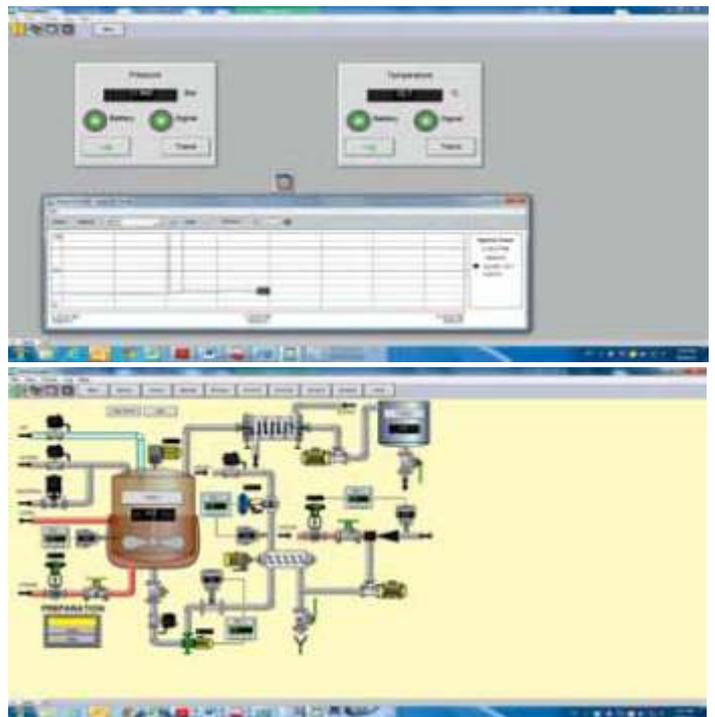


- Simple to Setup
- Ease of Use
- Integrated Development and Operation
- Available from two points to large projects (no limit of end points)
- Zero Maintenance Database Tables

The set-up and use of the NextView are very easy and User Friendly. All definitions are entered in simple to use tables, allowing to export & import data, search and replace values, sort through the definitions or make global changes using the ExpressEdit feature.

NextView always stays responsive, even while performing lengthy tasks such as records or searching for data, and the streamlined allowing you being updated. In fact, NextView is so easy to use that most of our users have never bothered looking at the documentation.

The NextView Basic supports one Control Panel up to 30 end devices/sensors. The NextView Project, is a SCADA based software for projects with unlimited tags/devices.



SensiNext



Temperature&Humidity Measurements in Agriculture



Measuring Pressure & Temperature in Process



Temperature Measurement in Laboratories



Pressure Measurement in Chemical process



Sensi-Family Analog

The Sensi-Family Analog includes various sensors with analogue (4~20mA) output like Pressure, Level, Humidity, Temperature etc. Temperature sensors (RTD, Thermocouple and thermistors), as well as accessories, like diaphragm seals for pressure instruments, thermowells for temperature sensors, etc. The sensors either self operated or part of the SmartNext or the WebNext families.



We manufacture and offer a wide range of sensors, fit to all type of industry and applications: Steel-works, Refineries, Chemicals, Power Plants, Food industries, Agriculture, Pharmaceuticals and other industries.

Our sensors work in extreme working conditions and are supplied with a large range of process, materials and electrical connections.

Sensi-Family Analog is suitable for:

- Temperature
- Humidity
- Pressure
- Flow
- Vibration
- Level
- Millivolt
- Others

Sensi-Family can be made from the following materials:

- Stainless Steel
- Hastelloy
- Tantalum
- PVC
- PVDF
- PP
- Teflon
- Others

SensiNext



Temperature & Humidity Measurements



Level Measurement in Sewage Ponds



Level Measurement in Chemical Process



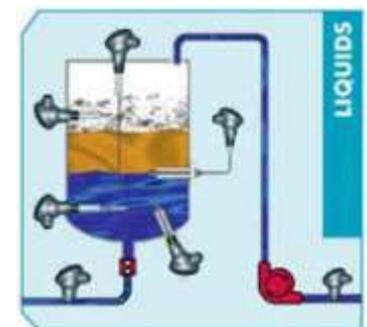
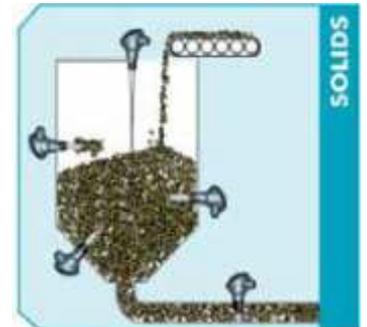
Temperature Sensors for Food Industries

Sensi-Family Switch

The Sensi-Family Switch includes various On/Off sensors like level Floats, Level RF Switches and Flow Switches. We manufacture standard switches and tailor made switches. Our switches are capable of working with most of the media and process procedures.



- Custom Made
- Fast Delivery time
- 45 years of experience
- Large stock of standard sensors
- Suitable for all kinds of process procedures



Main Application Advantages:

- Foam Detection,
- Water in Oil identification,
- Working in powders (cement, lime, gypsum...),
- Light Very Light media (styrofoam, plastic raw materials, wooden flakes...),
- Suitable for sticky and aggressive materials.

SensiNext



Float Level Switch in Textile process



RF Level Switch for Powder in Tanks



RF Level switch for Foam Detection



Magnetic Flow Switch in Main Pipes

SensiNext

SENSORS & WIRELESS

SensiNext™ is a leading manufacturer of innovative and revolutionary smart industrial wireless sensing products, reducing the measuring, transmission and monitoring cost in industrial applications.

We are committed to our customer needs and offer tailor made sensors with highest quality to meet our customer requirements.

Our products meet and service requirements in wide range of industries like: Agriculture, Power Plants, Chemicals, Food, Seawater desalination, Water treatment, water & sewage systems, etc. Our Products suitable for all types of media – liquids (clean and dirty), bulk solids, foams etc.

Our systems are already installed in the following applications: Cathodic Protection, Vibration Measurement, Low Pressure measurement in Clean Rooms, Temperature & Humidity measurement in Warehouses, Pressure monitoring of pump in field, Leaking Detection in Fuel tanks, etc.

