



iRidium

iRidium – Remote Control for Industrial Systems

iRidium is software to control industrial processes from tablets and smart phones based on iOS, Android, OS X, Windows 7/8.

Tablets & smart phones with iRidium can:

- display the current state of industrial processes;
- notify about emergencies in the production;
- demonstrate capabilities of the system to potential customers.



Example of iRidium Use in Industry

In 2013 a group of companies Endress+Hauser used iRidium as mobile SCADA for tank gauging system in reservoir parks. Endress+Hauser is a world-leading company in measurement equipment, services and solutions for industrial process engineering. The company specializes in optimizing technological processes in terms of economic efficiency, safety and environmental impact.

Endress+Hauser Used iRidium for

Monitoring the current state of reservoirs:

- oil level;
- oil mass;
- oil temperature;
- oil density.

Data were received from TankVision controller via Modbus TCP and displayed on the screen of a tablet in iRidium ready interface.



Notifying operators of reservoir parks about emergencies.

Demonstrating capabilities of the tank gauging system for reservoir parks as well as capabilities of definite measurement devices to potential customers when visiting their offices by means of built-in video broadcast.



Demonstrating capabilities of the system at exhibitions.

“ Evgeniy Korshakov,
project department head, Endress+Hauser Ltd.

Using iRidium turned out to be an interesting solution for customers as well as employees of our company. The tank gauging system for reservoir parks is not the only possible implementation of iRidium software. On the whole iRidium makes it possible to receive data from and control (if this function is available) any field gadgets, such as pressure sensors, temperature sensors, etc., as well as valves, pumps, etc. It is quite new for industry to use mobile not industrial devices to monitor and control industrial processes, but we can't help noticing this growing trend.