ROXIA
PERFORMANCE — DRIVEN BY PEOPLE

Enhance Process Performance With

Digital Solutions

Roxia Malibu™ is a new way to combine your process and Industrial Internet of Things (IIoT). Remote access allows you to manage, measure and analyse your processes out of control room with a computer or any handheld device. Roxia Malibu can predict failures before they occur, allowing you to manage unplanned shutdowns. Analytics tools and Roxia expert services help optimise your processes and increase productivity. System can be integrated to any existing process equipment and control system.

With Digital Solutions You Are Able to:

- × Remotely monitor any process equipment 24/7
- × Identify problems causing downtime
- × Access online reporting tool
- × Get equipment condition and problem notifications
- × Use analytics tools for pre-failure detection

Roxia Malibu™ Portal and Smart Cube™

Roxia Malibu portal is a user interface customied specifically for your process. It is a combined online process monitoring, maintenance and analysis tool. It is easy to use and mobile friendly.

Your site is connected to Malibu cloud via Smart Cube™ or existing process control system. Smart Cube is the data processing unit which can be integrated in any existing hardware.

Solution is scalable from a single device up to world wide plant network.

BENEFITS

- ⊘ Low total cost of ownership
- ⊘ Optimised production
- ⊘ Minimised unplanned shutdowns
- ⊘ Easy failure detection and planning of maintenance
- ⊘ Instant access to product documentation

Email / SMS

Smart Cube™   Malibu™
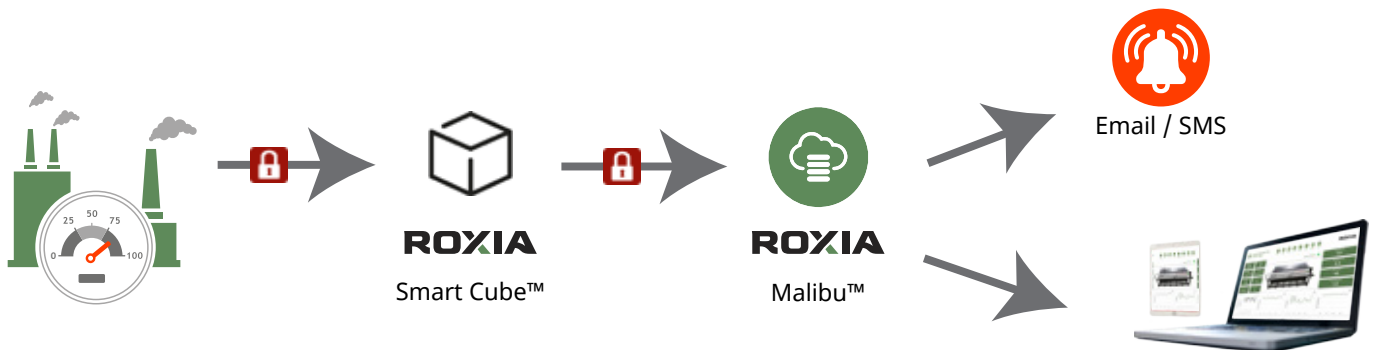
Roxia Digital Solutions provide real-time information from the site. Combined with Roxia Malibu portal the data can be visualised and analysed resulting in optimised production, maximised output and minimised unplanned shutdowns.

Minimise Shutdowns and Optimise Production

IIoT Connecting Your Equipment

Roxia Malibu provides information about the plant's performance, subprocess operations and individual devices at one glance.

Roxia Smart Cube

Data collection unit connected to Roxia Malibu platform

Roxia Smart Products

- Smart Dewatering
- Process Analytics
- Plant Monitoring
- Advanced Reporting

Roxia Malibu Portal is a:

- × Process monitoring tool
- × Maintenance tool
- × Reporting and analytics tool

Roxia Malibu Main Features:

- × Realistic 3D modelled environment of your process equipment
- × Online process monitoring
- × Maintenance notifications
- × All relevant documents just few clicks away
- × Remote control (optional)

Network connection is protected with TSL encryption.

Optional VPN firewall solution also allows remote controlling.

Preventive Maintenance and Expert Service

Utilise Your Current Systems for Follow-up, Reporting and Analysis

Roxia Malibu portal is fully compatible with 3rd party equipment and is not meant to replace your current systems (eg. DCS, SCADA). It monitors process operations and provides analytics according to chosen indicators. Roxia Malibu creates reports which include clear visual representation of data. Reports are customisable for different needs: production operators, maintenance experts, managers and other.

Professionals at Your Service

Roxia experts help you localise the bottlenecks causing unplanned shutdowns. Utilising selected process indicators, we carefully analyse your process and programme the system to send you notifications before the actual failure. In this way you can plan the maintenance beforehand and optimize your production.

We have long reputation and knowledge about dewatering, process optimization and industrial automation. With Roxia Malibu, our professionals are able to boost your process efficiency and resolve technical issues. Roxia Malibu is not just an IIoT portal, it has artificial intelligence in the background.

Our customer: EKJH (Etelä-Karjalan Jätehuolto Oy)

EKJH, waste management company from Lappeenranta, Finland, chose Roxia for their new waste water pump automation system. Roxia Malibu monitoring system collects various data from pumping station (e.g. pumped water in m^3). Data is represented online as exact replica of the real station. Now EKJH can remotely monitor operation of the pumps and is automatically alerted before any values exceed normal state.

"We chose Roxia because they offered us the best service," says Sami Huotari, Site Manager at EKJH. They have continuous support from Roxia professionals even after installations. Roxia solution is saving EKJH lots of valuable time, has significantly increased safety and optimised operation of pump station.

EKJH pump station and remote view in Roxia Malibu .