

# Visionic benefits turnkey project's monitoring and control of uplink system

A company building a new earth station with three up/downlink stations aimed to integrate a considerable number of heterogeneous satellite and broadcast devices into a single platform, to enhance reliability and cut costs.

The project's main challenge was finding a software solution which would provide full monitoring and control of installations used for transmitting large amounts of data, either point-to-point or among multiple sites. The solution had to be compliant with heterogeneous equipment, and be able to perform automatic backup operation and other predefined actions. In addition, it had to be convenient and easy to use.

The perfect solution used was Visionic — Intorel's universal monitoring and control software, said to be one of the most cost-effective monitoring and control (M&C) systems available.

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Thanks to the comprehensive database of device drivers, the Visionic system is capable of cooperating with almost any device, regardless of a vendor and connection interface.

The M&C system monitors all equipment in such speed that a single device is queried several times per second. It collects all the information about each device and detects even the smallest faults on the equipment. The alarms are

reported on the screen the moment they arise and logged for further analysis.

Visionic can be instructed to execute a variety of actions, including sending e-mails and SMS, and making sound signals (via speakers /PC sound system or via industrial horns), among others. The company that was building the earth station recognised the potential of Visionic automatic backup process and decided to run it instead of using specialised (hardware) redundancy controllers.

Also, thanks to Visionic's convenient and simple GUI that can be used even by staff without any prior programming experience, the training time and costs for the company were significantly reduced. The turnkey project was successfully implemented; installation on-site took only three weeks and led to a significant improvement in performance and signal delivery.

Some of the most distinguished companies around the world have established Intorel solutions as part of their daily business. SES Group, Telenor, NATO, Telecom Austria, European Parliament, Deutche-Welle, GlobeCast, Orange, Cologne Broadcasting Center, Canal+, ChelloMedia/LibertyMedia, Al-Jazeera, Swedish Space Corp, Digiturk, ZeeTV, Monaco Telecom, Telekom Malaysia, Metracom, GSCOM, Satcom and Hiltron are only among those who have recognised Intorel's outstanding experience and expertise. **APB**