**The JABLOTRON 100+ alarm can provide security   
and control for companies, blocks of flats and schools**

The latest in the series of alarms from the global manufacturer of security systems, JABLOTRON, provides an ideal solution to the security needs of larger buildings. This new product in security systems also acts as an access or automation system.

Jablotron, which exports security systems to 73 countries worldwide has responded to market needs with the launch of its new JABLOTRON 100+ product. “*Our customers have been asked for an alarm that would allow the connection of multiple detectors, enabling control over a large number of programmable outputs. We have retained the best elements of our current systems, such as the control system, which focuses on maximum user-friendliness. We have also retained the MyJABLOTRON application which enables buildings to be monitored and controlled from anywhere. However we have also expanded the options for installing and using the system,*” says Michal Ježek.

To allow the JABLOTRONU 100+ to meet these requirements, its developers have come up with two completely new control panels which provide access for up to 600 users. Because of this, the system is useful to companies or schools, in that each employee or student can be provided with personal access through a chip. *“There is at present an increasing need for security in buildings that are used by large numbers of people. However, at the same time we have to consider the comfort of the employees or pupils. In the final analysis, the important thing is to allow everyone access to all the places they need to be. Our JABLOTRON 100+ alarm meets all these needs,”* says Michal Ježek, Head of Product Management.

The JABLOTRON 100+ also allows the connection of up to 230 peripherals, of which 120 can be wireless. *“If you can imagine a block of flats with 15 flats, where each flat can be equipped with 14 peripheral devices. These can help secure not only against theft, but also against floods, fire or CO2 leaks, as well as providing automation features.**And all of this from a single control panel,”* explains Michal Ježek.

The JABLOTRON 100+ also allows a wide range of automation capabilities in the form of 128 programmable outputs which, in combination with 64 calendar events, moves building management options to a new level.  *“Today’s trend in modern companies is towards comfort and a healthy environment, with an emphasis on reducing operating costs. Our system enables this. The JABLOTRON 100+ can, for example, switch on the ventilation when it senses that people are present, or switch off the electricity after completely securing the building. It can also control lights through motion monitors and automate the opening of entrance gates,”* says Michal Ježek. All system features can be easily controlled remotely using the MyJABLOTRON smartphone application.

*The* JABLOTRON 100*+ alarm also enables you to control the switching on of equipment at pre-defined intervals*. “*One example might be a hotel pool. To maintain water purity the filter system has to be turned on at precise intervals, and this can be handled by our system. In the same way, the lawn watering system can be turned on up to 4 separate times during the day,”* explains Michal Ježek.

Despite the complexity of the JABLOTRON 100+ system, its installation and setup is easy for the installation technician. The F-link software is extremely helpful in this way, allowing the alarm to be set exactly as required by the client, and connected to all the peripheral devices in the system. For example, the software allows you to set a day/night mode, which uses the astronomical calendar and can accurately determine sunrise and sunset at a specific location with the help of GPS coordinates. This ensures the lights on the access drive to the company offices are always switched on at the right time.