

external cameras display movement in the building in real time. The record is automatically kept for a period of approx. 30 days, and if any interference to the building is recorded, it can be passed on to the police as evidence material with verified authenticity. Access is guaranteed using the I/NET Seven access and security system and all firms are provided with access cards for their employees, allowing them to enter authorised areas only. These cards are also used to operate lifts and the entrance barriers into the underground car park. For increased security, the system enables visual controls to be carried out on individuals entering the building, i.e. when using the card, the receptionist can view **information on the user and his/her photograph on the monitor.**

Nowadays several foreign investors have their own standards and requirements for technological systems. It is therefore important to guarantee the **trouble-free compatibility** of these **systems** (of various producers), which, first and foremost, enables international LonWorks open platform standards. In this respect, Smíchov Gate's project consultant (Arcadis) and general contractor (Porr) played a positive role as far back as the planning phase of the project when, in conjunction with system suppliers, they met investor requirements.

Leader in the field of open systems

One of the leaders in the area of building automation, industrial automation and MV/LV systems is **Schneider Electric**. All of the systems are developed in conjunction with one another, therefore rendering intricate integration unnecessary; this concept, known as **TRANSPARENT READY** only uses open standard communication for its control systems (HVAC, CCTV, access systems, monitoring). With its **TAC intelligent buildings** systems, Schneider Electric is one of the fastest growing companies in the sector. Open systems requirements are almost taken for granted nowadays in the US (e.g. Rockefeller Center New York, Rollex), in Great Britain (London's tallest building – RE insurance company), Scandinavia (Telecom Norway) and Germany (Lufthansa). Warsaw's "Zlote terasy" project, one of the largest European development projects currently underway, is also interesting. Schneider Electric's TAC systems have been used in the Czech Republic, for example, in buildings such as Oregon House, Smíchov Gate, the Municipal Authorities of the capital city of Prague, Luxembourg Plaza etc. (Note: In subsequent issues we will deal with experiences with so-called intelligent picture analysis for several building security applications.)

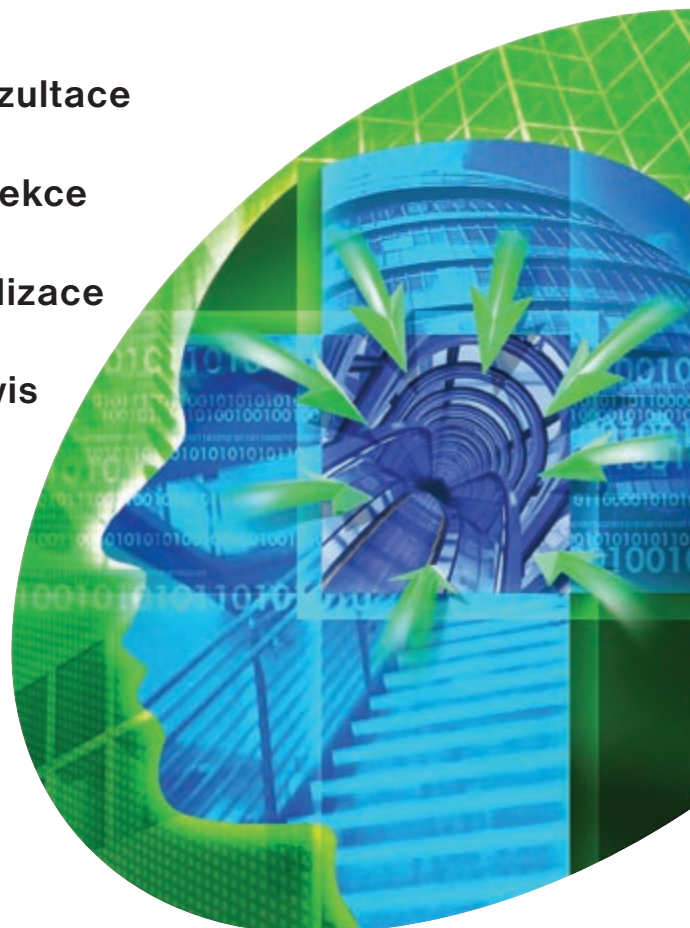
Author: Ing. Petr Motýl, Ing. Robert Šimčík, Schneider Electric

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