

Olsztyn-Mazury Airport Terminal in Szymany



Olsztyn-Mazury Airport is a modern international port with full infrastructure prepared to handle passenger aircraft including both scheduled and charter flights. Potential of the port in terms of the annual passenger service reaches 500000 people. On the premises of the airport, there is a passenger terminal with a total area of 6800 m², designed for domestic and international passenger traffic.



The building was designed with reference to the architecture of Warmia and Mazury. Architectural elements of boards imitating piers - refer to the Mazury lakes cut through by wooden footbridges. Entries and exits to the terminal resemble the form of the Mazury wood houses and pillars in the shape of the tree crowns; these are only some of the architectural elements of the building embedded in the Mazury landscape.

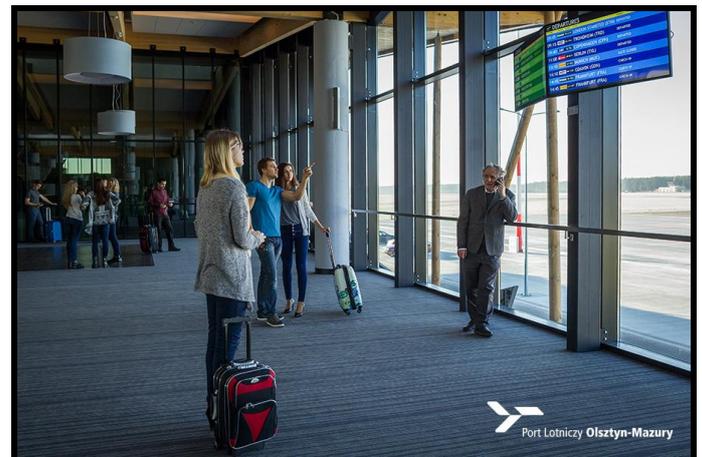
The average daily capacity of the terminal: up to 830 passengers; on the peak day up to 1,250 passengers; in peak hour up to 310 passengers. Briefing room with the surface of 1300 m² has 6 ticket and luggage check-in desks. On the first floor there is a viewing terrace, gastronomic area and conference rooms. In the departure lounge there are duty-free shops, business class room, gastronomy (300 m²). In addition, there is a number of facilities: car rental companies, exchange office, shops, children's area, VIP area.

Olsztyn-Mazury Airport in Szymany is the youngest airport in Poland, the cost of its construction equals PLN 205 million, PLN, 121 million of which was from EU funds. The port officially began its operation on 21 January 2016.



BMS

In the building, BMS and SMS central monitoring system based on Neuron BMS Server has been implemented. The software was supplied with the DELL PowerEdge R520 server which was installed in the server room and connected to the Ethernet backbone network.



Run-time and configuration works during the entire starting period, were conducted locally and concurrently remotely via the Internet in cooperation with a local installation company.

Integration

The integration structure of the systems installed in the terminal building and the local data centre includes power engineering devices (generator, equipment in the main low voltage distribution board), HVAC, lighting, Fire Alarm System, Intrusion detection systems, Access Control and CCTV. The building was divided into three logical segments in which local XBMS RSM control and monitor cabinets, collecting digital and analogue signals and controlling DALI ballasts of luminaires are installed.



