

CASE STUDY

SYAMSUDIN NOOR AIRPORT, BANJARMASIN: INVESTMENT IN QUALITY AND PERFORMANCE

When expanding the Indonesian Syamsudin Noor Airport the operator decided on IT infrastructure solutions from Datwyler.



Syamsudin Noor Airport, named after a local aviation pioneer, is operated by the state-owned company PT Angkasa Pura I, based in Jakarta. It is situated 25 kilometres southwest of Banjarmasin, the capital of the Indonesian province of Kalimantan Selatan, and is one of Indonesia's largest airports.

Despite repeated expansions the airport has never managed to cope with the steadily increasing volume of passengers. Although the airport was only designed for four million passengers, in 2013 5.5 million were already being handled on around 9000 square metres.

In order to expand capacity a new extension was added to the old terminal. The extension was completed in December 2019. Today the terminal occupies 77,000 square metres and can handle ten million passengers annually. The apron of Syamsudin Noor has space for 20 aircraft: two Boeing 747s, two 777s and two 767s, twelve Boeing 737s and two ATR turboprops. The take-

off and landing runway was lengthened from 2500 metres to 3000 metres.

Complete systems from a single source

An IT infrastructure solution from Datwyler was installed in the terminal in the final months prior to opening the new building. The decision to choose end-to-end Datwyler solutions was made because the operator placed great importance on a high quality solution and performance. The good relationship between Datwyler's local system integrator, PT Multi Solusindo Perkasa, and the main contractor of this project was another key to success.

PT Multi Solusindo Perkasa – who was also the network designer – was able to install the new IT infrastructure solution in only just two and a half months. It comprises a backbone fibre optic network with 24-fibre single-mode cables, LC connections and the requisite accessories, as well as structured building cabling with copper data cables and Category 6_A connection technology.

