

CASE STUDY

ASM TECHNOLOGY, PASIR GUDANG: ONLY THE BEST FOR THE EXPANSION

During the expansion of its Malaysian production site ASM Technology put its trust in a dependable fail-safe communications network from Datwyler.



ASM Pacific Technology (ASMPT), headquartered in Singapore, operates as a comprehensive solutions provider to the semiconductor and electronics industry in over 30 countries. The company, which is listed on the Hong Kong stock exchange, is using its high-performance IT infrastructure, resources and talents to further expand its core businesses, Back-end Equipment, Materials and Surface-mount Solutions (SMT).

In 1995 a subsidiary, ASM Technology (M) Sdn Bhd, was established in Johor, Malaysia's most southerly state. It is based in the city of Pasir Gudang, right by the border with Singapore, and produces semiconductor automation equipment.

Solution with investment protection

As part of its "Phase 2" expansion project ASMPT recently began expanding the Malaysian production site. Datwyler was selected for the new communications network. The key factor in this decision was the high quality and dependability of the solution offered by Datwyler, which provided the user not only with security but also with long-term investment protection.

The project began in December 2018. Among other things used for the horizontal cabling were low-smoke

halogen-free Category 6_A "CU 6502 4P" cables, which provide high bandwidth and excellent electromagnetic shielding. Almost 88 kilometres of these were installed. In combination with the appropriate connection technology they produced a Class E_A network which made transmission rates of up to 10 gigabits per second possible.

The fibre optic backbone comprises around three kilometres of OM4 universal, indoor and outdoor cable: metal-free, with dry interstices, rodent-proof and naturally flame-retardant.

Experienced partner company

Project coordination and installation was carried out by Datwyler certified partner AlphaMedia Pte Ltd, which has over 25 years of experience in the structured cabling sector. Experience and project management skills are extremely important in a project like this, particularly as ASM Technology expects the new IT infrastructure to comply with the highest standards and give trouble-free operation (zero downtime).

"Datwyler is the obvious choice when our customers demand the best, especially as we enjoy excellent support from Datwyler," explained Andy Teo, founder of AlphaMedia.

