

## CASE STUDY

# UNIVERSITY OF INDONESIA: BUILDING A BRIDGE FROM CAMPUS TO CAMPUS

The University of Indonesia managed to double the transmission power between its sites using a fibre optic solution from Datwyler.



“Universitas Indonesia” – UI for short – is a state university in Depok on Java and in Salemba, in the centre of Jakarta. The university is not only the oldest, but also the largest and most renowned in Indonesia. In 2019 the World University Rankings of the British educational network QS ranked it number 1 in Indonesia, number 57 in Asia and number 292 worldwide. It has over 40,000 students.

### 24 kilometres of optic fibre

Two years ago the UI launched a project to significantly improve the quality of the data links between the two sites. The old cabling was barely able to cope with the substantial increase in data traffic.

At the end of 2019 the Internet service provider PT Telemedia Dinamika Sarana took over the project. By December 2020 – interrupted by the corona pandemic – in two construction phases they created a new fibre optic link which connects the building complexes of the UI 24 kilometres apart.

On the recommendation of the distributor PT Gunung Sawo, PT Telemedia Dinamika Sarana used a 24-fibre single-mode cable of the “FO Outdoor” type from Datwyler, which has a corrugated steel tape and is suitable for direct burial. The panels for termination of the cable and the further fibre optic accessories came from

Datwyler as well. PT Gunung Sawo’s technical team also supported the technical project consultants.

### A win for all involved

“PT Gunung Sawo was a great help to us throughout the project, provided a really good service and created genuine added value for us,” confirmed the Project Manager of PT Telemedia Dinamika.

Of course the university itself gained the most benefit. The new Datwyler fibre optic link means that transmission was doubled and the data volume increased by 100 percent.

