

CASE STUDY

ICON+, DEPOK:

COMPUTING POWER CLOSE TO CUSTOMERS

Internet service provider Icon+ is building a distributed data centre in West Java. This project makes use of a container solution from Datwyler and its partner PT Kilat Wahana Jenggala.

In 2001 Icon+ began its business activities with a network operations centre (NOC) in Gandul, in the Cinere district of Depok. Established as a subsidiary of the state Indonesian electricity company PT PLN (Persero), the basic task of Icon+ was to monitor and maintain their telecommunications network.

With the sector's growing need for networks which provide a consistent level of availability and reliability, Icon+ developed its business further, also making the free capacity of the fibre optic network accessible to companies and private households. Today Icon+ divides its offerings to the corporate client segment into four categories, namely ICONect, ICONWeb, ICONBase and ICONApps. Fixed broadband Internet is available to private customers as ICONNET.

Not only does digitisation involve rapidly increasing demand, it is also important to increase service assurance – the quality of the services offered. Icon+ has recognised that more data centre capacity is needed for this,



for instance to be able to offer customers more storage space and lower latencies. To this end Icon+ is pursuing the concept of edge computing design and is building a distributed data centre which includes several outdoor containers.

Turnkey solution

Last year Icon+ took the decision to use a data centre container offered by Datwyler and its partner PT Kilat Wahana Jenggala. This is a turnkey solution which includes both the complete IT infrastructure as well as construction of the platform together with a generator and diesel tank.

Building work on the platform began in early 2023. At the same time the container was assembled and delivered.

Once installation is complete Icon+ will have a Datwyler Mini Data Centre with five racks and in-row cooling (40 kW output), designed for an IT load of 40 kVA.

(August 2023)

