

Case Studies

1995

Wide-Area-Network for Architectural Services Department

The Architectural Services Department (ASD) of the Hong Kong Government has enhanced its Computer-Aided Drafting System with the implementation of a HK\$11 million network connecting eight floors of the department's headquarters in Queensway, three ASD branches and a remote site. The branches are responsible for the design and structural analysis of government buildings. ASL recommended all components and performed all installations. With the network and enhanced computer systems, ASD's workload was greatly leveraged. Files and drawings were easily transferred between the branches and it became much easier for ASD to keep track of files, saving a lot of their manpower from administrative duties. It also helped to bring together its three branches which could then work as one single team. Reliability of the new network was one of ASD's key fulfillment.

1994

Extensive Network for the Works Branch

A wide area network was installed for the Government Works Branch, connecting over 16 Government Departments and branches involved in the public works projects. The network linked up Architectural Services Department (Queensway), Civil Engineering Department (Homantin), Drainage Services Department (Wanchai), Environmental Protection Department (Wanchai), Finance Branch (Central), Highways Department (Homantin, Kowloon Bay & Wanchai), Lands Department (Central), Territories Development Department (Causeway Bay) Water Supplies Department (Wanchai) and Six sub-branch of the Policy Secretariats. Equipment supplied included 8 units of Sun SPARCserver 1000, Sun SPARCstations, 19x routers, over 50 units of PC, over 30 units of printer. Over 20 different hardware and software products from over 15 different suppliers were successfully integrated. The whole deal was worth over HK\$14 million.

1992-3

Sun Workstations for Hong Kong University of Science & Technology

Hong Kong University of Science & Technology (HKUST) is one of the top academic institutes in Hong Kong opened in October 1991. The first contract with ASL, worth HK\$4 million and covering 80 units of Sun SPARCstations, was secured in 1992. The university believes in top technology. HKUST purchased the machines for provision of first-class technology instruction to students.

To be used by under-graduates, post-graduates and staff for teaching, research and administration, the Sun workstations will be applied in electronic mail, network simulation,

graphics, robotics applications and a variety of research projects.

Subsequent to the delivery of the first batch of equipment, HKUST was completely satisfied with ASL's products and services and more orders were thrown in the hands of ASL. Total order to ASL in 1993 shot up to around HK\$17 million, covering over 250 units of Sun workstations.

1991

Architectural Design Tools for Government's Architectural Services Department

ASL signed the contract with Architectural Services Department (ASD) in October 1991. Worth approximately HK\$9 million, it covered the supply, implementation and maintenance of a new Computer Aided Drafting (CAD) system which consisted of Sun SPARCserver, 48 SPARCstations and a variety of other peripherals. This system increased productivity of the Department substantially when drafting works would no longer be done manually as before.

1991

OCR System for the 1991 Hong Kong Population Census

This was the first time in the history of the Hong Kong Government to deploy OCR technology to replace the batch keyboard entry system in capturing vast amount of data. The Government's application of OCR systems was also reportedly the first in Asia, outside of Japan. Supplied by ASL, the OCR systems were used in the Hong Kong 1991 Population Census. The installation had revolutionized the data capturing practices in Government, saving substantial resources and processing time. For the supply of the OCR systems used to handle the 1991 Population Census Project, ASL had to comply with very stringent terms including guaranteed machine uptime and error rate not exceeding 3%, etc.