

SATS CARGO T5 SINGAPORE - SIN



OWNER
SINGAPORE AIRPORT TERMINAL
SERVICES—SATS

OWNER'S REPRESENTATIVE
PETER TAY, SATS

BNP PROJECT DIRECTOR
NORBERT AWLASEWICZ

LOCATION
CHANGI INTERNATIONAL AIRPORT
SINGAPORE

COMPLETION DATE
1996

MHS CONTRACT AMOUNT
US \$30 MILLION

REFERENCE
MR PETER TAY
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SCOPE OF SERVICES
CONCEPTUAL DESIGN
DESIGN DEVELOPMENT
CONTRACT DOCUMENTS
BIDDING AND PROCUREMENT
CONSTRUCTION MONITORING

RELEVANCE
AUTOMATED CARGO SYSTEM

In 1988, Singapore Airport Terminal Services (SATS) again requested the services of BNP to assist in their aggressive growth and expansion program. The previous expansion project was just being completed and BNP was tasked to review present growth and system capacity and to develop a long term forecast and master plan for 15 years.

Following conceptual design and specifications, in 1992, BNP assisted in evaluating and selecting the equipment contractor for SATS Terminal 5. After four years of BNP assistance in project monitoring, the facility was successfully completed and began revenue operations.

The Cargo system consists of automated ULD transport conveyors, vehicles, lifts and storage. Two operation levels of workstations with a total of 96 positions, have a direct interface with the ULD Elevating Transfer Vehicle (ETV) system. The ETV storage with a capacity for 1421 full size footprint ULDs, serves to handle distribution of import export, transshipment and empty units.

The Super Hub, serves as the central processing facility for all cargo handled by Singapore Airlines (SIA). T5 has a design capacity of 450,000 tonnes per year.