

# Gate Operating System

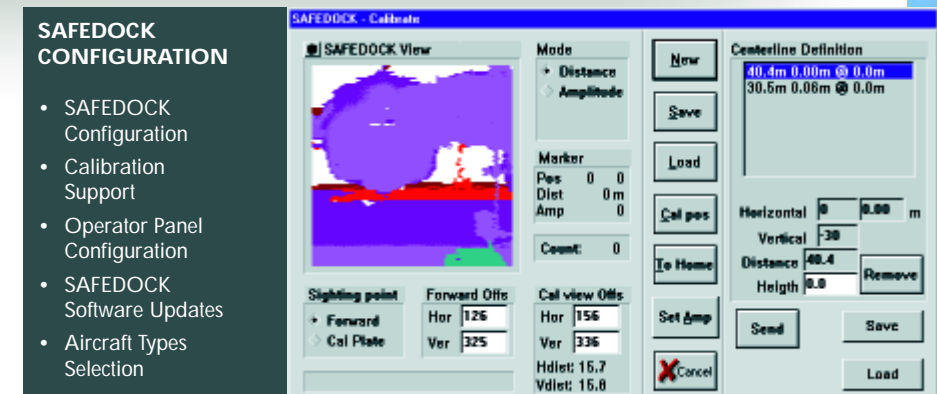
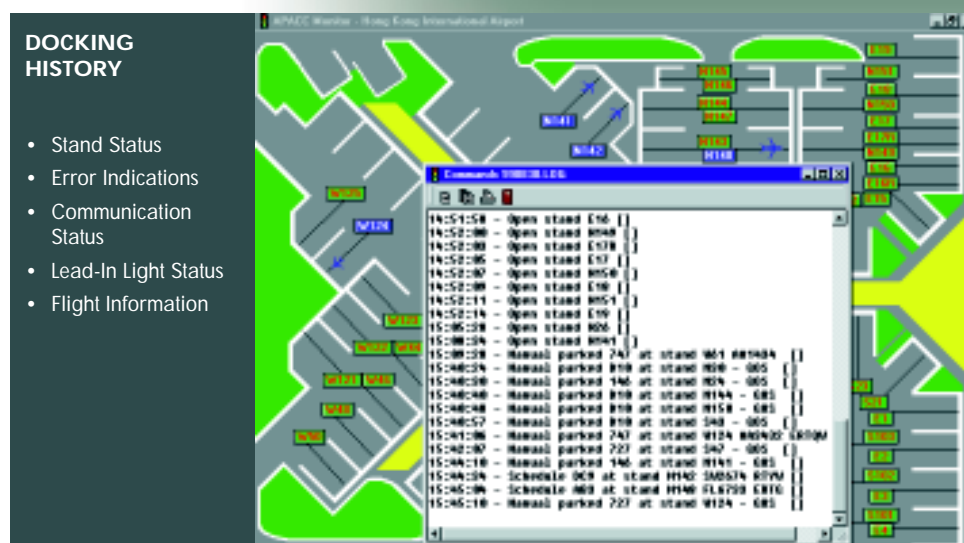
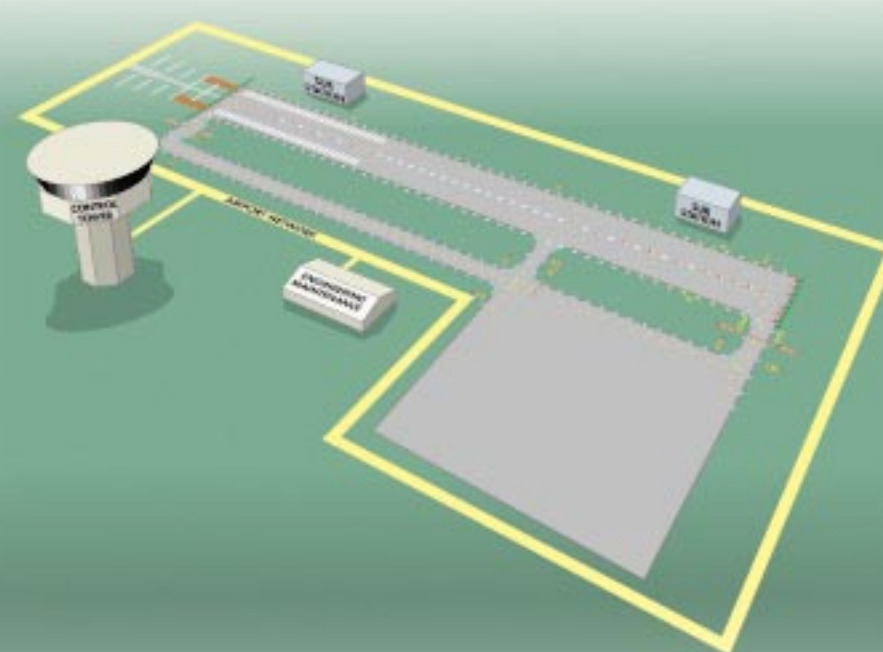
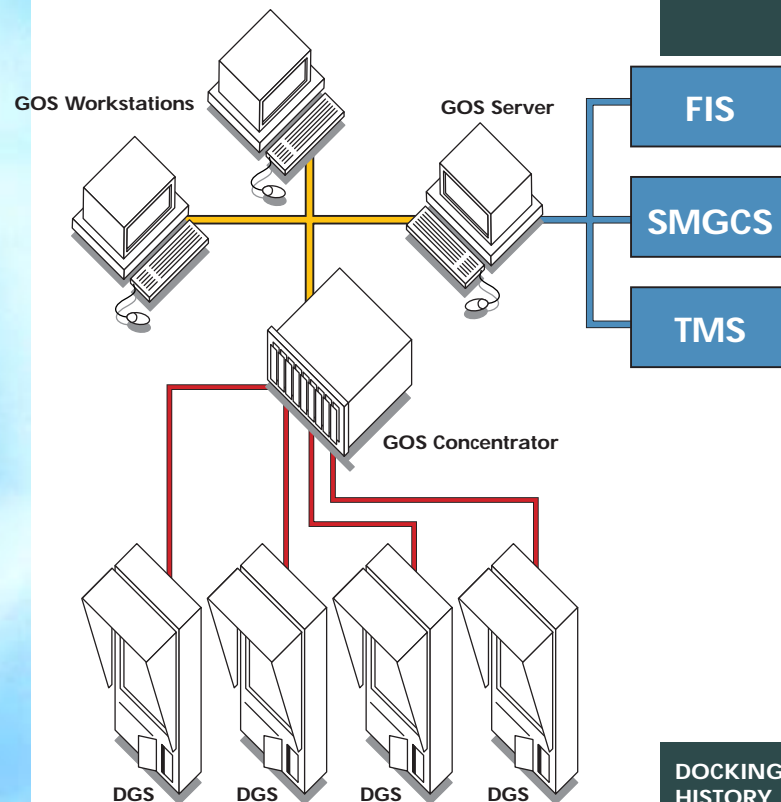
The Gate Operating System (GOS) consists of a number of PC workstations for Docking Monitoring and Control, which are connected to one another via a local area network.

A GOS Server with a central database is used as a gateway to external systems like FIS and GMS.

SAFEDOCK/DGS Systems are connected to a GOS Concentrator or to the GOS Server by means of a point-to-point communication network.

GOS also supports the Maintenance of SAFEDOCK/DGS Systems such as software updates, stand configuration and event logging.

A typical GOS system is illustrated in the picture below.



- GOS is used to Plan, Control and Monitor the Docking Guidance Systems connected.
- GOS diagnoses faults and reports them for corrective maintenance
- GOS is the gateway to external systems:
  - Flight Information System/FIS
  - Gate Management System/GMS
  - Technical Management System/TMS
  - Airfield Lighting System/SMGCS
  - Lead-In Light System/SMGCS
  - Ground Radar System/SMGCS
  - Passenger Boarding Bridge/PBB
  - and other systems

# GOS

## GATE OPERATING SYSTEM

g International Airport

Planned Docking at Stand N34

Aircraft Type	D10	Close
Aircraft Man. No.	TREU	
Flight Number	AA4572	
Arrival Date	1999-08-30	
Arrival Time	15:37:54	

- Airbus
- Boeing
- BritishAero
- McDonnell
- Fokker
- Ilyushin
- Tupolev
- Lockheed
- Canadair
- Aerospace
- DeHavilland
- Saab
- Domier

DC9
<b>D10</b>
M80
M11
DC8
M90
M1S

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GOS 9910

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