SABRE

Legacy Systems

Airline Reservation system
SABRE

- Semi-automated Business Research Environment was developed between IBM and American Airlines.

- IBM used as defence research project, Semi-automated Ground Environment (SAGE) as the basis of the new research system.

- SAGE was an earlier, connected, electronic brain used to defend against Soviet attack.

Airline Reservation system
SABRE

- SAGE was used to coordinate information coming from radar sites and redirect it to inceptors.

- Teleprinters would produce information coming from various sites and then subsequent commands would be sent to teleprinters in inceptor bases.

- IBM and American Airlines felt the technology used to defend against Soviet attacks could be used to reserve seats.

- Research system was developed (~$350,000,000) and by the 1970s, IBM was offering the fully developed system to several airlines.

Airline Reservation system
SABRE

- Afford locations around the world to make airline reservations, exchange information and conduct business.

- SABRE processes many different translations every second, in recent years this has been 42,000 transactions **every second**.

- The system fundamentally changed the airline business and the operation eventually became so significant, it separated from the airline.

SABRE

Legacy Systems