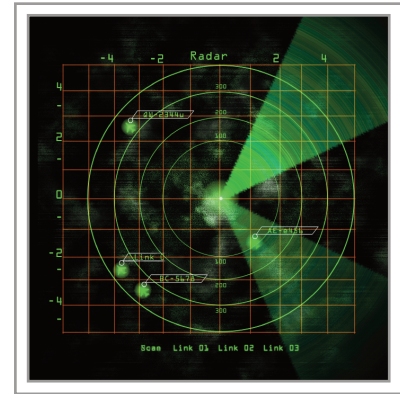# Air-Traffic Control Systems

CHALLENGE

Decilog has been engaged for system and architecture design, system implementation, and test and installation support for the radar and IFF (Identification Friend or Foe) tracking software for an international air-traffic control system.

APPROACH

Decilog provided the expertise for the design and implementation and the support for radar and IFF software with the following features:

▶ automatic track initialization
▶ multi-radar track fusion of target data from multiple sources
▶ medium-term conflict alert
▶ track and flight data synchronization
▶ many layers of redundancy and failover for processing radar data
▶ high track capacity
▶ numerous control positions

BENEFITS

By providing specific expertise, experience and capabilities with respect to radar and IFF systems, Decilog helps to ensure high quality and continuing support of the design, development, testing and installation of air-traffic control systems that are deployed internationally.