Overview of Trajectorized En-route Traffic Data Processing System（TEPS）
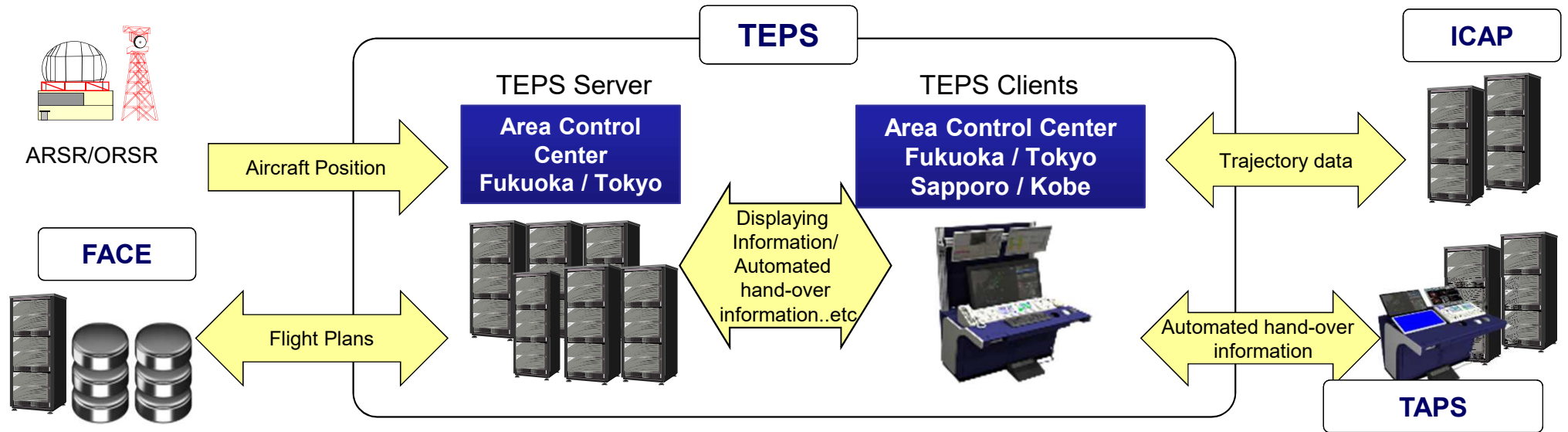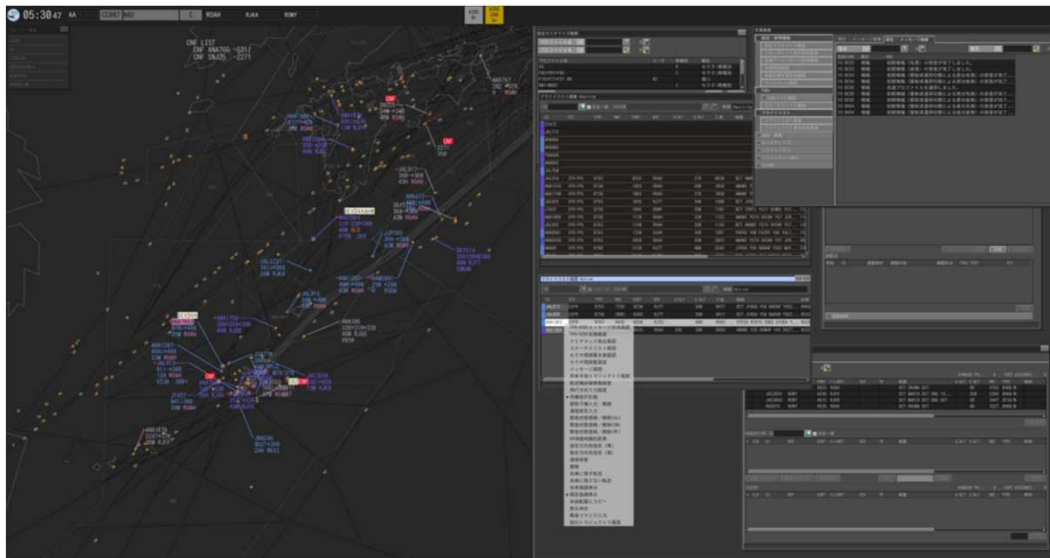
TEPS (Trajectorized **E**n-route Traffic Data **P**rocessing **S**ystem **)**
TEPS processes information on aircraft operating in national airspace (flight number, altitude, type of aircraft, predicted location, etc.) by comparing aircraft position information from radars and flight plan information from FACE.

ARSR/ORSR

FACE

TEPS

TEPS Server

Area Control Center Fukuoka / Tokyo

Aircraft Position

Flight Plans

Displaying Information/ Automated hand-over information..etc

TEPS Clients

Area Control Center Fukuoka / Tokyo Sapporo / Kobe

Trajectory data

Automated hand-over information

ICAP

TAPS

TEPS Display

TEPS Target Data Block

CAB001 1234ABC — Aircfraft Identification / Memo
310 ↑ 330∗350 — Current Altitude / Vertical Direction Indicator / Aiming Altitude
45H RJTT D128 — Ground Speed / Wake Turbulence Category / Destination Airport / Remaining distance
V090 M75 — Indicated heading / Indicated speed

Radar Position Symbol/Reference for Separation