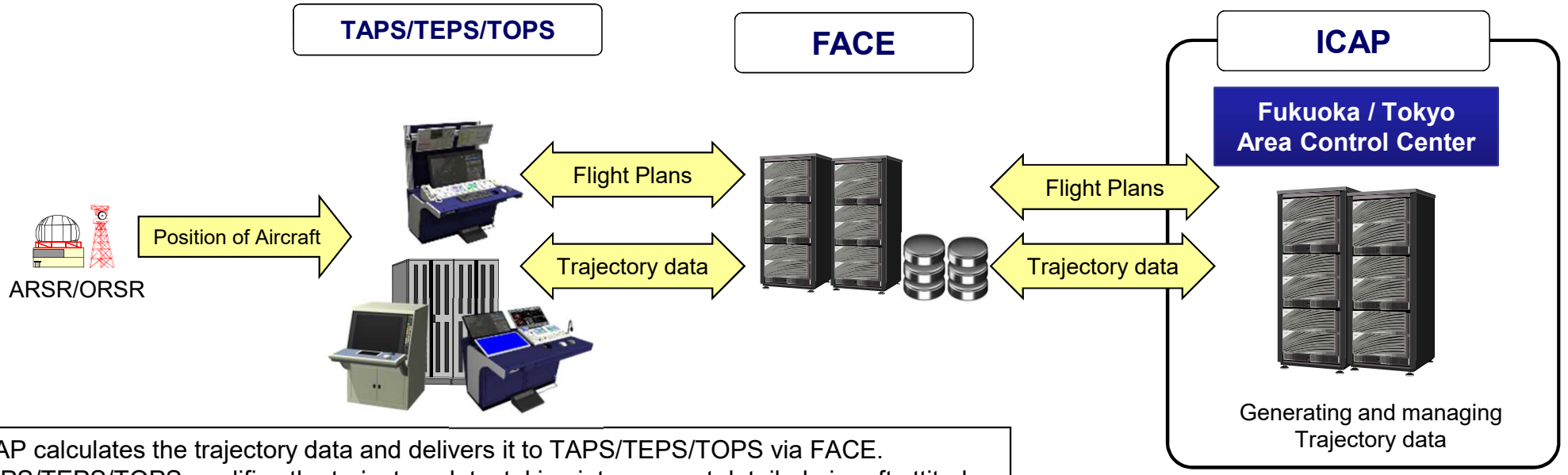
Overview of Integrated Control Advice Processing System（ICAP）

ICAP（**I**ntegrated **C**ontrol **A**dvice **P**rocessing System）
ICAP generates aircraft trajectory data based on flight plan information, meteorological information, and radar data (positional information) to support strategic decision-making by air traffic controllers.

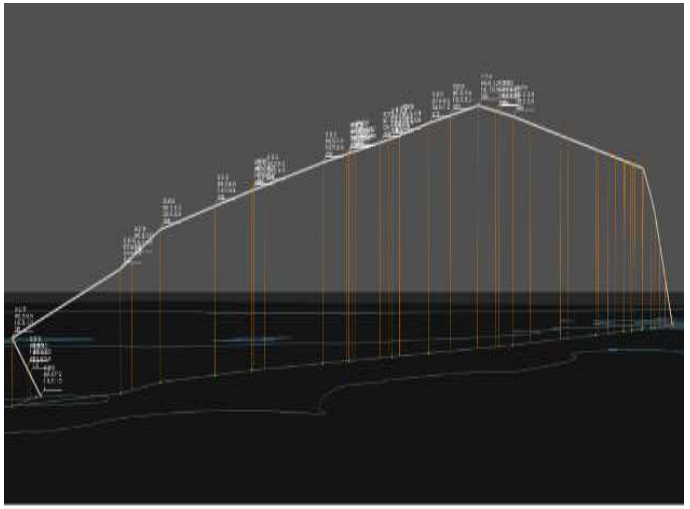


・ICAP calculates the trajectory data and delivers it to TAPS/TEPS/TOPS via FACE.
・TAPS/TEPS/TOPS modifies the trajectory data, taking into account detailed aircraft attitude, status and weather information, and transmits the trajectory data to ICAP via FACE.
.・ICAP compiles the revised trajectory data, updates it to be more accurate, and shares it.

Trajectory

Trajectory data is four-dimensional data consisting of point information (latitude and longitude, altitude, etc.) and time, which defines the trajectory of the aircraft.

ICAP provides information for strategic decision-making, because air traffic controllers need to be able to predict the future.



Trajectory data [visualization image]