



Safety Information Monitoring Service (SIMS)

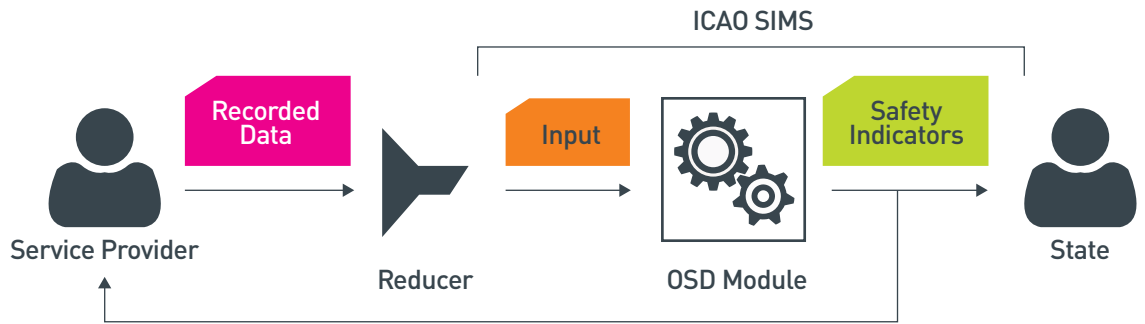
Operational Safety Data Module – OSD

The Operational Safety Data Module (OSD) comprises safety data processing systems and services for data collected through flight data monitoring, ADSB and other types of flight parameter monitoring systems. Information derived from the analytical processes of the OSD defines performance indicators in support of the State Safety Programme (SSP) and service providers Safety Management System (SMS).

Typical Users

The operational characteristic of the OSD module is intended for the use by SSP executives and managers, operator safety management executives and managers, safety management executives and managers of service providers with SMS.

Data Flow



Module Inputs

The OSD module requires the input of pre-processed data from continuous operational monitoring systems such as Quick Access Recorders (QARs), flight parameters from automatic dependent surveillance broadcast (ADS-B) and other types of trend monitoring systems such as engine trend monitoring.

Module Outputs

The OSD module will process input data and provide safety relevant information such as safety performance indicators (SPIs) for service providers SMS and key performance indicators (KPIs) for State’s SSP, as well as harmonized safety information to facilitate safety information exchange.

Module Features

The OSD module includes features to display relevant safety information in a harmonized and user friendly format through tools such as graphs of safety performance derived from SPIs and KPIs, trends, dashboards and data export in support of the State’s SSP and service providers SMS.

