

## SMIS (SARPs Management & Implementation System)

### APPLICATION FOR USE



Contracting States or international/regional organizations which intend to operate the SMIS&SOMS may fill out and submit the application form furnished in Help Desk. (<http://www.kocahelp.go.kr>)

Upon receipt of the application, the Republic of Korea will provide the installation package including software, and operating manual.

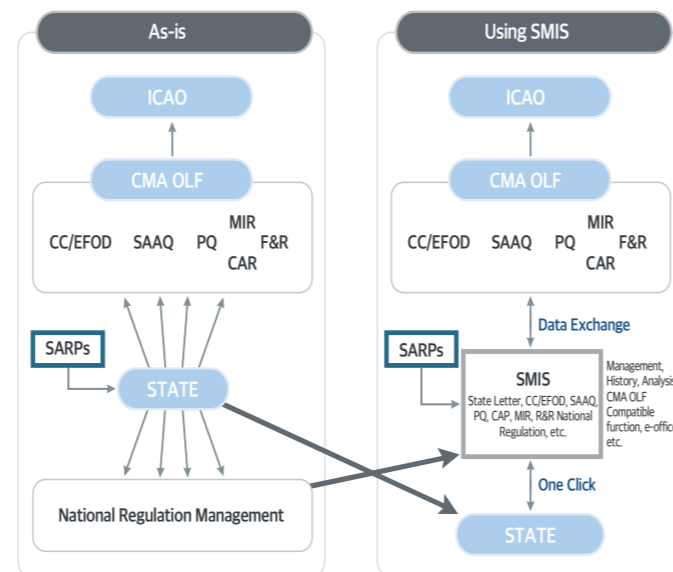
Technical assistance will be provided upon receipt of request via Help Desk free of charge.

### Help Desk



### DATA EXCHANGE WITH ICAO OLF

Preparation of ICAO USOAP CMA is a huge task for every state's aviation regulatory body. By using SMIS, the system manages all the information with CMA OLF via one click of a button from computer.



### Contact Us

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- E-mail: [smishelp@smishelp.com](mailto:smishelp@smishelp.com)
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# ELECTRONIC SAFETY TOOLS

## SMIS

(SARPs Management & Implementation System)

## SOMS

(Safety Oversight Management System)

The Republic of Korea presents its latest electronic safety tools for the international aviation society in order to contribute to the improvement of global aviation safety and efficiency.

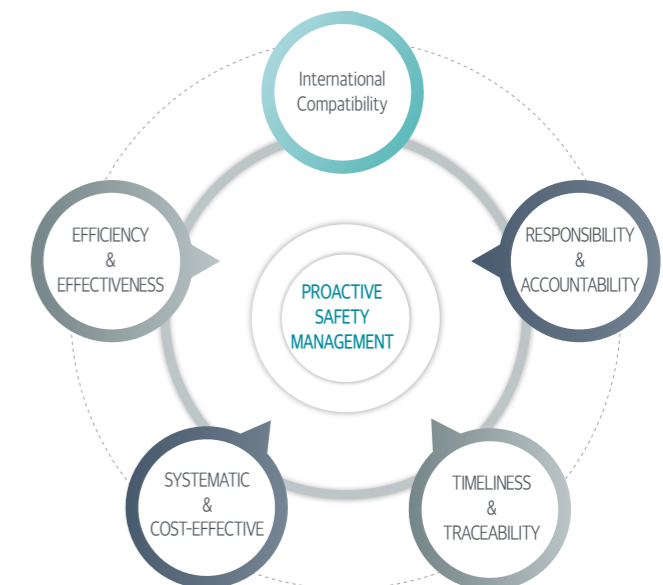


## ELECTRONIC SAFETY TOOLS

### BENEFITS from UTILIZATION

Under the auspices of ICAO, the global aviation safety strategy is moving towards a proactive safety management relying upon a data-driven manner.

In this regard, "Electronic Safety Tools" developed by the Republic of Korea will play an instrumental role in promoting CAA's proactive safety management capabilities in a more efficient, responsible, systematic and timely way.



## WHAT IS SMIS?

### SMIS (SARPs Management & Implementation System) is:

A web-based system designed for Civil Aviation Authorities (CAAs) to manage overall frameworks in compliance with ICAO Standards and Recommended Practices (SARPs) in a sustainable manner regardless of the size of the CAAs;

An effective and efficient tool to process more than 200 State letters addressed by ICAO per year;

A comprehensive tool for managing all required data for preparation of USOAP CMA activities;

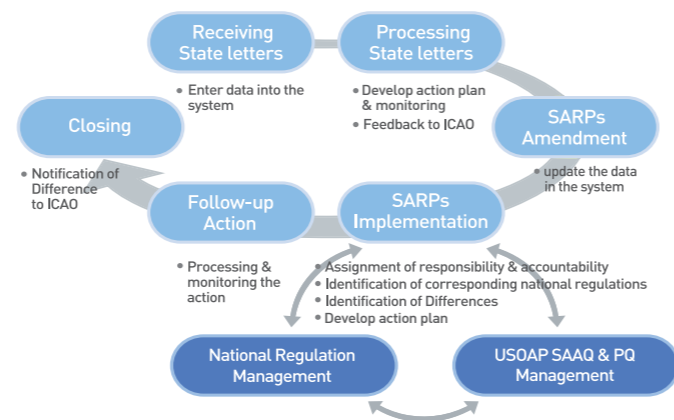
- a) Compliance Checklists (CC);
- b) State Aviation Activity Questionnaire (SAAQ); and
- c) Protocol Questions(PQ);

A complete and effective solution to the full implementation of USOAP-CMA since 2013.

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## OPERATING CONCEPT



### Sustainability

Sustainable management of ICAO SARPs and Corresponding National Regulations for compliance

### Timeliness

Processing of a number of State letters in time

### Efficiency & Effectiveness

Systematic preparation for ICAO USOAP-CMA based on CC, SAAQ and PQ management

### Traceability

Continuous tracking of SARPs amendment and follow-up actions

### Accountability

Clear assignment of responsibilities and accountabilities

### Safety Monitoring

Easy identification of implementation of SARPs, State letters and USOAP PQ

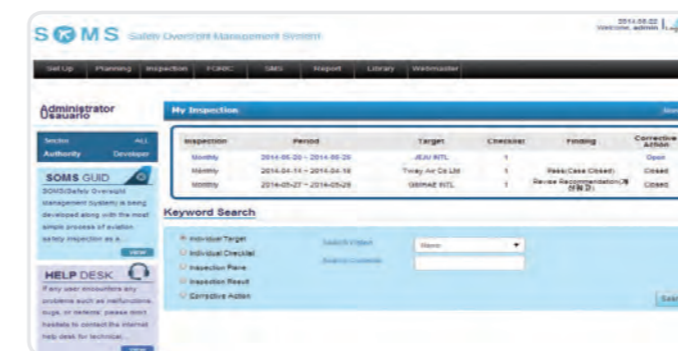
## WHAT IS SOMS?

### SOMS (Safety Oversight Management System) is:

A web-based system designed for Civil Aviation Authorities (CAAs) to manage overall safety oversight processes and procedures in all civil aviation sectors; and

Developed in accordance with the requirements of ICAO Safety Oversight Manual (Doc. 9734), Manual of Procedures for Operations Inspections, Certification and Continued Surveillance (Doc. 8335) and Safety Management Manual (Doc. 9859).

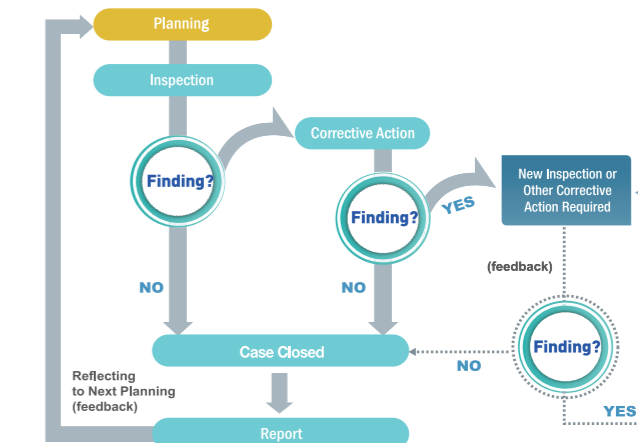
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## SYSTEM DEVELOPMENT CONCEPT



## OPERATING CONCEPT



### Flexible Set-up & Safety Targeting

Diverse inspection set-up and risk-based inspection targeting

### Comprehensive Planning

Comprehensive management of daily, monthly and yearly plan

### Systematic Inspection Management

Systematic management of inspection process consisting of planning, implementation, results and corrective actions

### Assessment of Safety Management System (SMS)

Assessment of Operator's SMS and Safety Target Management

### Identification of Safety Deficiency

Various reports and statistics identifying safety deficiencies and errors