

NMSC/KMA ACTIVITY TO PROMOTE UTILIZATION OF COMS DATA IN ASIA-PACIFIC REGION

This paper provides the update of the project for development of COMS data receiving/analysis system in Sri Lanka. Additionally KMA will expand support to Asia-Pacific countries with weather analysis system as well as COMS data receiving system.

NMSC/KMA activity to promote utilization of COMS data in Asia-Pacific region

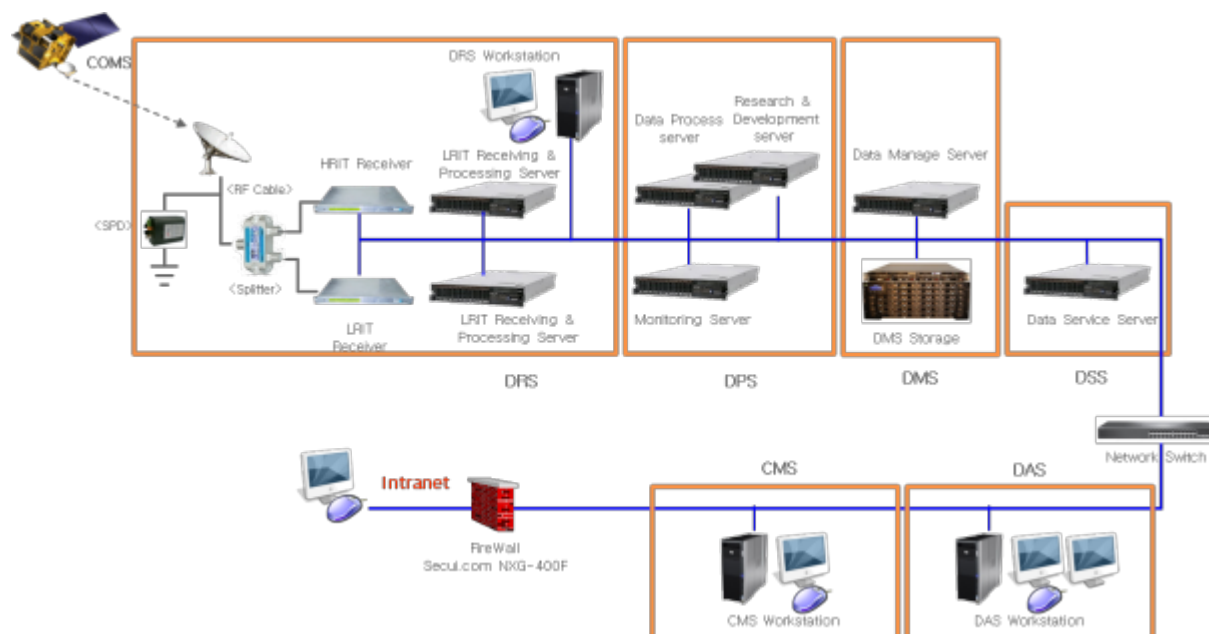
1. Ongoing Project

In March 2011 NMSC/KMA and Korea International Cooperation Agency (KOICA) started a project as “Development of COMS Data Receiving/ Analysis System in Sri Lanka”, which provides COMS data receiving, analysis and archiving system to Sri Lanka meteorological agency. The project is funded by Korea's grant aid organization, Korea International Cooperation Agency (KOICA), and carried out by Korea Meteorological Administration (KMA) and Samsung SDS.

The project will develop a KMA-operated COMS data receiving/analysis system according to Sri Lanka's needs and install the system by early next year. The project will also provide the equipment and workforce training necessary for the successful and effective utilization of the system.

The COMS receiving/analysis system will be installed in the Department of Meteorology in Colombo, Sri Lanka, with a data processing system producing 9 products and archiving system. KOICA provides a grant of US\$2,000,000 for the project to implement the following activities of the project.

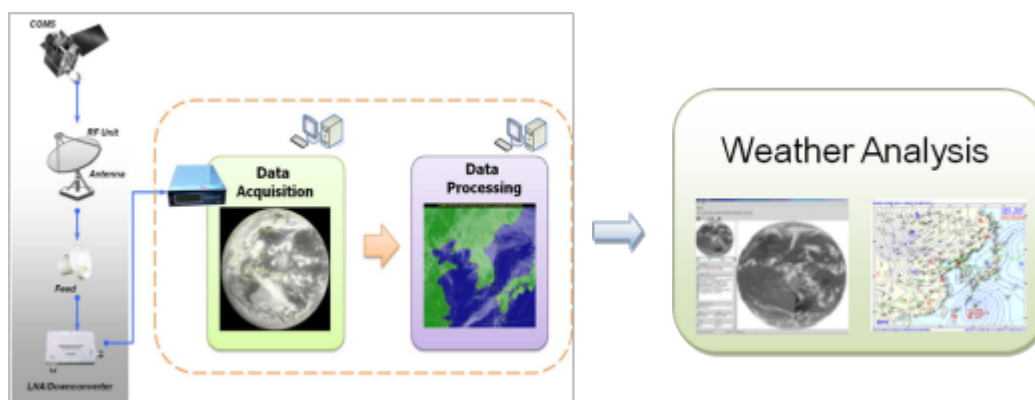
- Develop and install COMS data receiving/analysis system that consists of COMS data acquisition system, processing system, analysis system, service system and archiving system
- Dispatch Korean experts to Sri Lanka to give necessary technical and administrative training
- Workforce training necessary for the successful and effective utilization of the system



Configuration of COMS data receiving/analysis system

2. Future plan

By KMA's effort for preventing Asia-Pacific countries from weather related disaster, new projects will be started to provide COMS receiving system and weather data analysis system with fewer budgets than the grant for Sri Lanka. The whole system is much more light system consisting of the receiving system and weather data analysis system only. KMA plans to provide the light system to 2 underdeveloped countries in Asia-Pacific region every year for the next four years. In addition to KMA's budget, KMA is trying to expand the support with COMS receiving and analysis system to the region by cooperation with KOICA. This project will be realised in the end of this year or in the beginning of the next year.



Configuration of light COMS receiving and analysis system