

ROLE

Provide tools to study network performance at the sensor level and at the flash location level.

PRINCIPLE

The availability of the Lightning Data Base allows to perform data analysis of major quality parameters such as detection efficiency, angular errors, ... It also allows to analyze each particular event and check the location mechanism on a case by case basis.

Different tools are provided to the data administrator in order to help him check the quality of the detection network.

FUNCTIONS

Display sensor's angular error

Display sensor's detection efficiency

Display all sensor data used for a particular location showing angles and hyperbolas

Compute quality indicators such as average semi-major axis, average Chi^2 , on a grid

User preferences and frequently used parameters can be stored for repetitive usage

User defined studies can be added to the system

Various printer and display devices can be used

PRE-REQUISITE

The Lightning Data Base

SynCompo for graphical display and prints

CONTENT

View detection efficiency

View site errors

Compute statistical quality indicators

View a localization

ARCHITECTURE

