

ROLE

Monitor sensor status in real time. Display real time lightning activity. Check the state of the Observation PCs

PRINCIPLE

Sensor status is monitored through the periodic confidence messages received by the position analyzer. Sensor quality is checked with the self test messages and the detection threshold.

The Observation PC's alarm state is periodically send by the PC to the server.

FUNCTIONS

Receive the various status information

Manage the state of each element (sensor, Observation PC)

Display real time lightning data with 6 colored time slices and a periodic refresh

Send alarm messages to a remote operator, through the Alarm service (optional)

PRE-REQUISITES

ATP to obtain real time data (flashes and sensor status)

Observation server to receive the PC's state (connection, alarm)

The Alarm server to warn remote operators (optional)

ARCHITECTURE

