

Forest Fire Detection and Alarm System

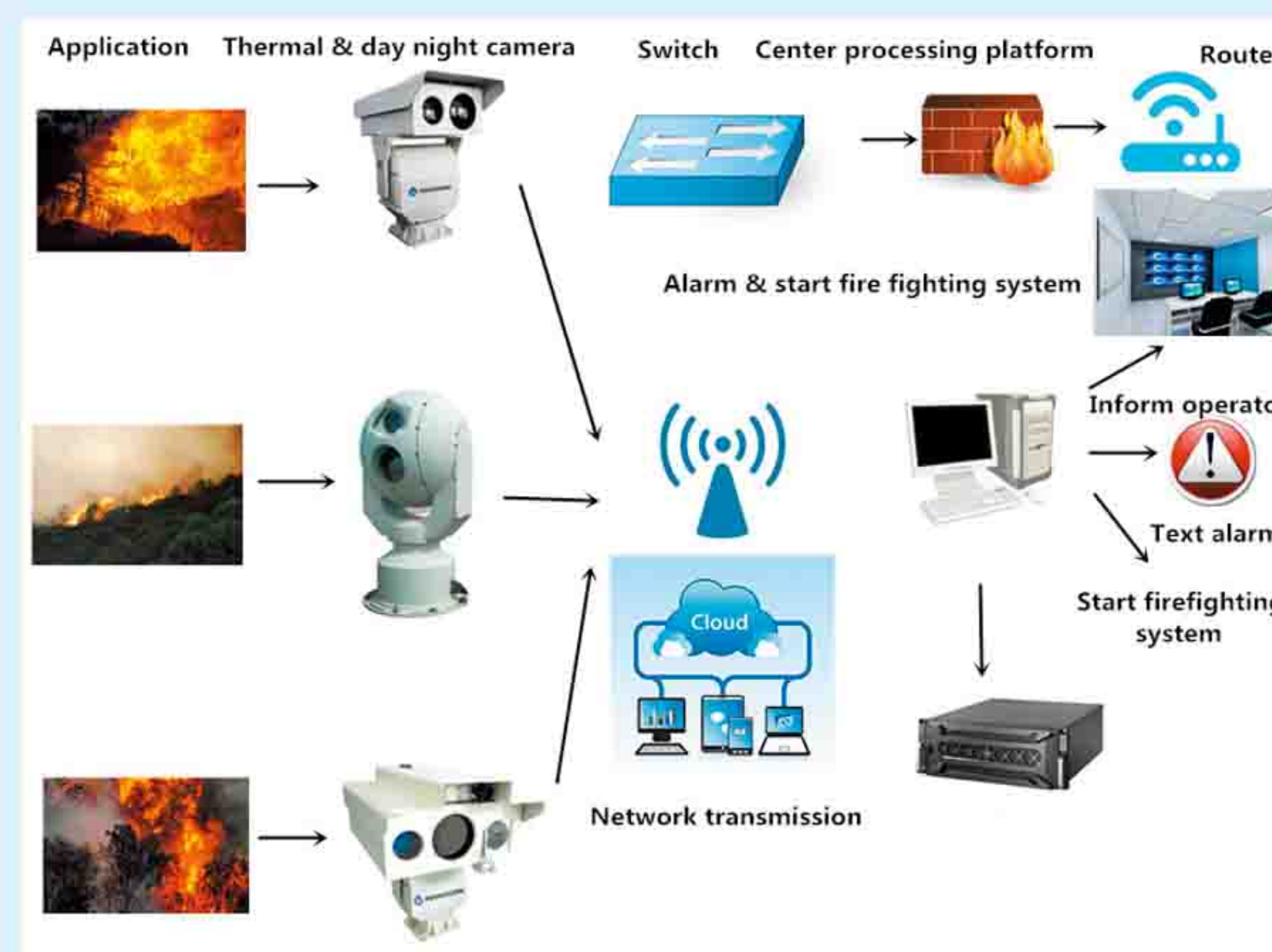


Features

- ◆ High performance video process chip and H.264 video coding, support HD resolution video image
- ◆ Dual-stream function, short delay time; fully satisfy different network environment during practical applications
- ◆ Rich network protocol and good network adaptability, can satisfy all kinds of network environment
- ◆ Built-in Web Server, easy to operate and configure

- ◆ Day camera monitoring distance: 5000m
- ◆ Thermal camera alarm distance: 3000m (1m × 1m fire source), 6000m(2m × 2m fire source)
- ◆ Alarm term: High temperature area take 2 × 2 pixels
- ◆ Alarm grade: 1~255
- ◆ Target size: 2 × 2~ 384 × 288 pixels
- ◆ Alarm target: Set 1~6 targets, auto show high temperature target
- ◆ Alarm: Video alarm with audio
- ◆ Calculation: Calculation in 0.1S, no delay,no information lost

Diagram

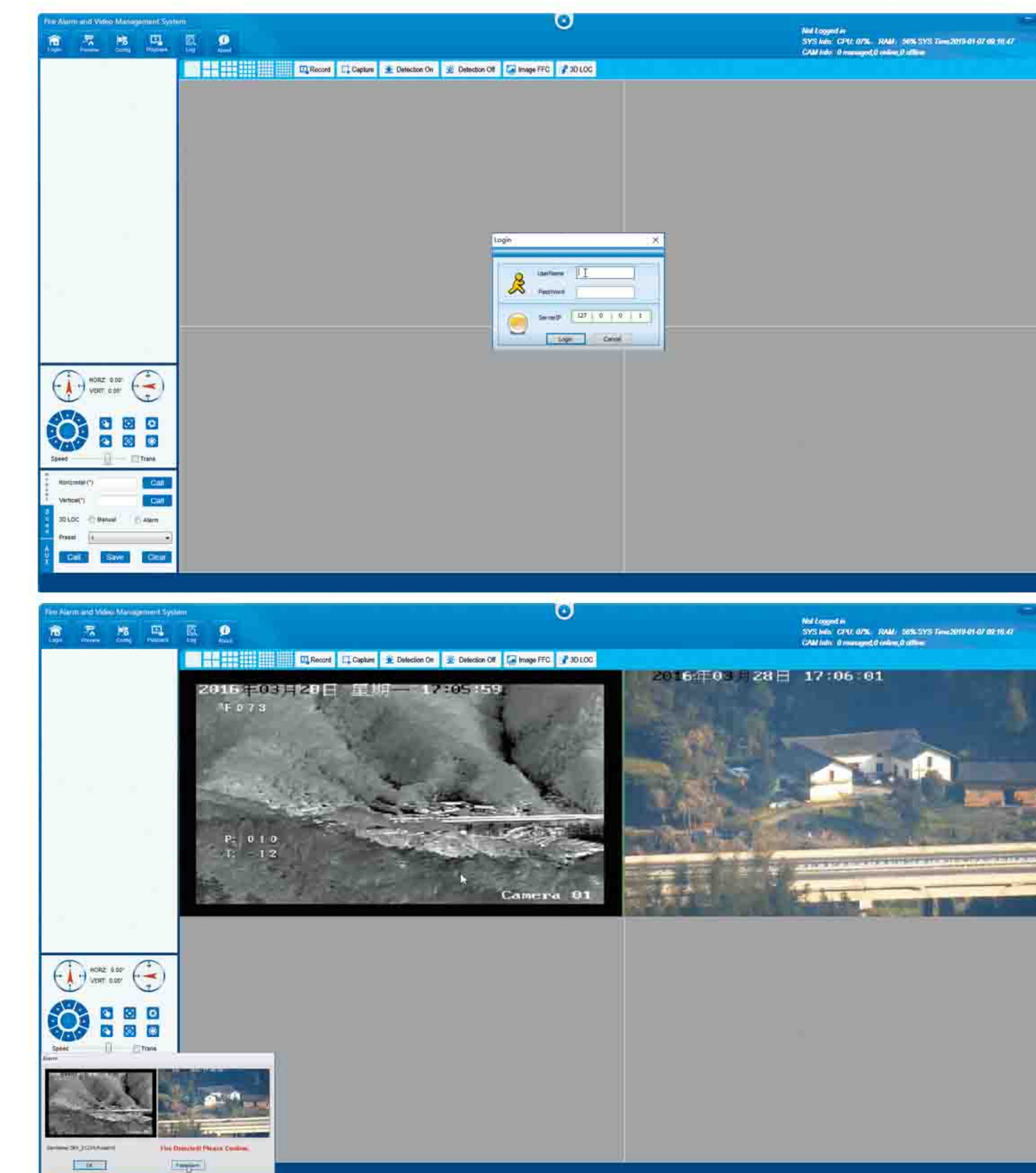


Software Features

Sheenrun forest fire detection and alarm management system applies for the management and control of Sheenrun forest fire detection monitoring device.

This system software consists of central server, GIS server (optional), streaming media server and client. Central server realizes the centralized control of front-end device and client user. It records management operations such as alarm, logging in, operation log, scheduled recording, alarm recording and user authorization management etc. Client software has the functions of preview, log browsing and video viewing of front-end monitoring device. GIS server is mainly used for map data management, disaster analysis and management and alarm point position display etc. Streaming media server forwards video streams.

Software Interface



- ◆ Center Server
- ◆ Recording&Storage Server
- ◆ Streaming Media Server
- ◆ Intelligent Power&Fault Management Server
- ◆ GIS Management Server
- ◆ Alarm Server
- ◆ Emergency command server
- ◆ Equipment Management
- ◆ Alarm
- ◆ Fire position confirming
- ◆ Log inquiry
- ◆ Video Playback
- ◆ Electronic Map
- ◆ Weather Data Collection
- ◆ Thematic Data Base