



Control room management software for X.11

With OSIRIS, every operator has an extremely productive and reliable way of managing control room operations at hand. Through an intuitive Graphical User Interface (GUI), the software allows the operators to define an unlimited number of scenarios according to personal and common requirements. It even allows multiple operators to simultaneously work on the Display Wall. OSIRIS can be customized along user access priority lines and operates in a Linux / X Window System environment.

Configuration management

- interfaces with your existing control hardware and future add-ons
- enables clear mapping of the control room hardware configuration and easy setting of the device parameters
- interacts with the operator via a graphical user interface, using common icons, buttons, folder tabs, pull-down menus, ...

Control management

- allows to determine the sequence of displayed layouts and environmental settings (lighting, sound, curtains) by creating scenarios for recurring events or time periods
- ensures optimal responsiveness thanks to the event logging capability: emergencies or predetermined events that require investigation generate a warning

Wall management

- facilitates the integration of any remote or local application onto a single screen as it allows the operator to position, edit and combine application windows
- supports the operator in arranging any data, graphics and video information to obtain the most efficient and transparent display layout: windows can be moved and resized, video can be displayed in overlay mode, ...

Technical specifications Osiris

Mode of operation

The OSIRIS wall manager allows the operator to predefine aliases for all the applications that he wants to show on the Display Wall. The aliased applications will be located in a default area on the wall. After defining all aliases, the operator can create layouts. A layout specifies which aliases, video and RGB channels will be shown along with the correct windows position and size.

By creating scenarios, the operator can define a sequence of layouts. These scenarios can be triggered by manual interaction, by time, by devices (e.g. UPS), by program alert messages etc. When employing a VisuPlus (Video/RGB Insertion Unit), the video and RGB channels can be predefined, fine tuned in contrast, color, and brightness and allocated to a default area.

Modular Design

OSIRIS is designed in an object-oriented way. Different modules interact with different devices. This modular approach increases the reliability (failure of one device only concerns the respective module). It is easy to extend the system by adding new modules for new devices.

Standard modules

- Base module control panel
- Control manager
- Video/RGB VisuPlus insertion
- Switching manager
- Projector control
- UPS Security & insertion
- Device remote control
- Remote pointer
- TV tuner control (Marco Polo)

Control panel

For each operator an individual control panel can be customized. The buttons of the control panel may start a graphical user interface (e.g. the VisuPlus settings module) or send a command to an OSIRIS module or execute a UNIX command on the Eos device.

Remote pointer

The workstation pointer can be switched to the Display Wall and back to interact directly with the running applications on the wall. If the respective rights are set, the application, video and RGB windows can be moved and resized directly on the Display Wall.

System requirements

- Linux / X Windows System
- Networking: TCP/IP

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