



A BELDEN BRAND

Miranda's Application Server is the hardware at the heart of the iControl system, providing control, monitoring, logging and interface services.

KEY FEATURES AND BENEFITS

Unifying device control

- > The Application Server unifies control of multiple Miranda and third party devices by Ethernet, RS-422 and SNMP
- > Protocol translation and mapping of interfaces to IP for iControl
- > Provides local and remote access to all devices, and is designed to provide simple system installation and configuration
- > Acts as a store for all device drivers and workstation applications
- > Acts as web server for customized HTML network representations

Fully configured

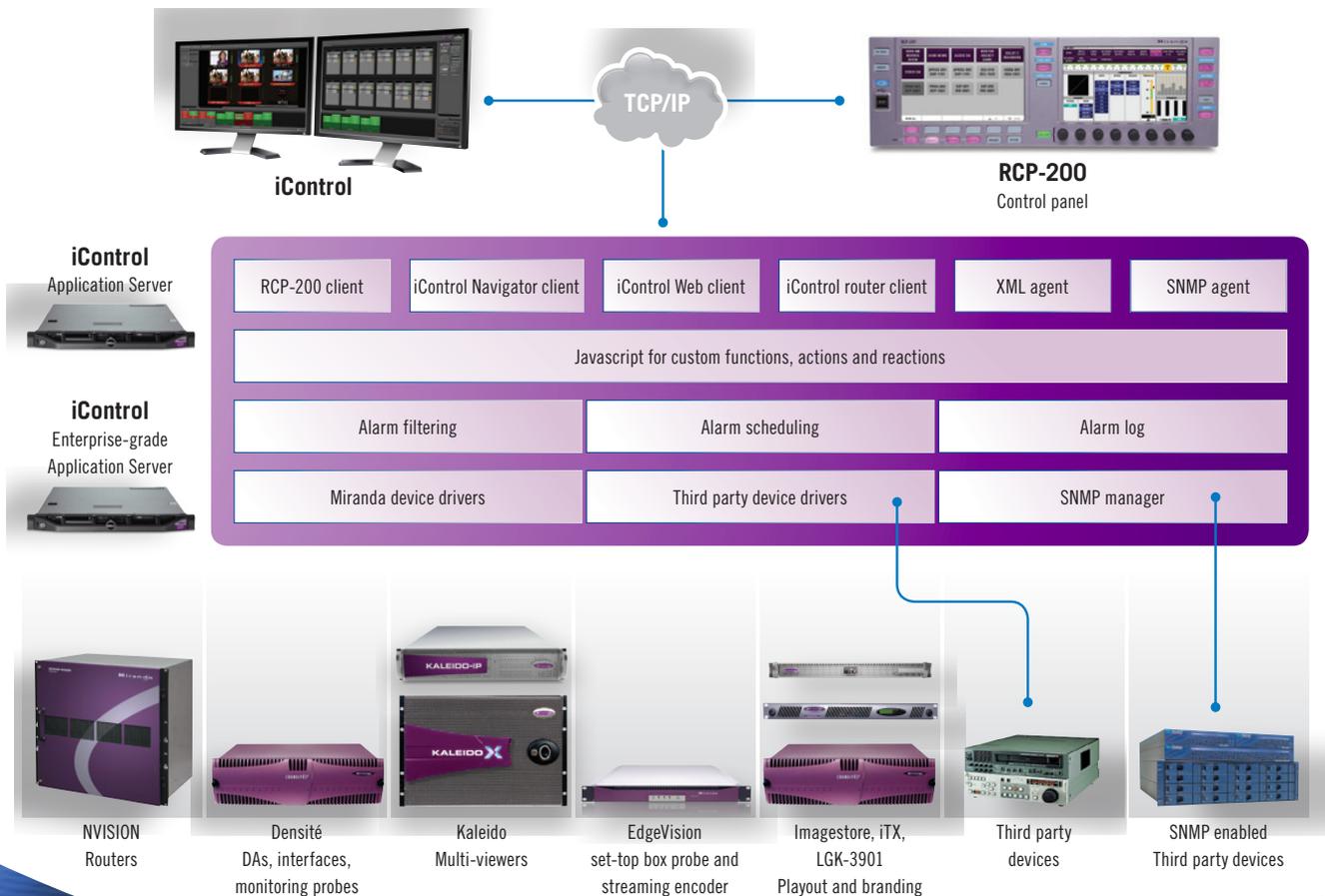
- > Comes fully configured for operation, no application software is required
- > Application web pages and control applets are automatically loaded

Designed for detailed monitoring

- > Performs advanced error reporting/logging plus SNMP reporting
- > Client connection statistics and administrative tools
- > Retrievable profiles and configurations
- > Interrupt detection of streaming source and Event logging

Highly robust

- > Robust design for 24/7 operation
- > For critical applications, a higher level of redundancy can be achieved by using one or more 'mirror' Application Servers
- > Application Server is now available in Enterprise Grade version
- > For critical applications, a higher level of redundancy can be achieved by using one or more Application Servers. N+1, or N+M redundancy is supported.
- > Automatic failover to redundant servers is also supported



Tree-based system navigation and error logging

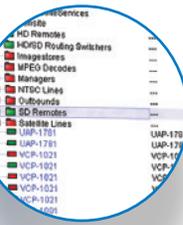
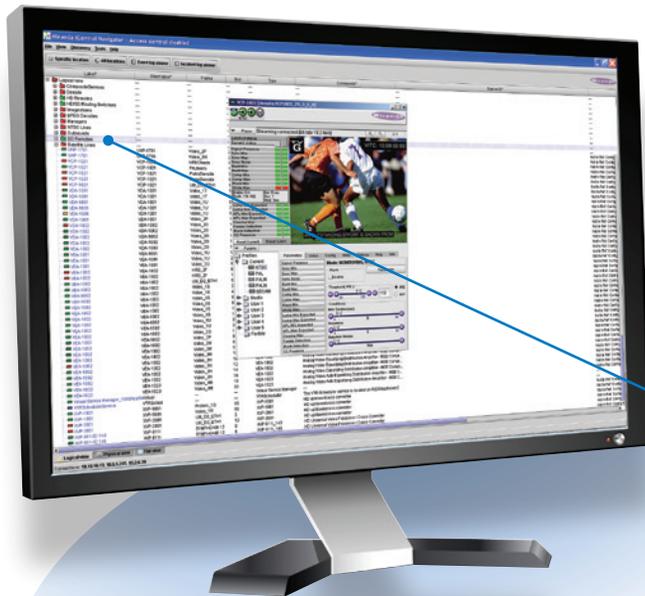
iControl Navigator

The iControl Application Server is supplied with device control and monitoring software called iControl Navigator, which provides tree-based system navigation and error logging. This software provides a simple hierarchal view of a system with status information and individual control panel windows for all the interfaced equipment.

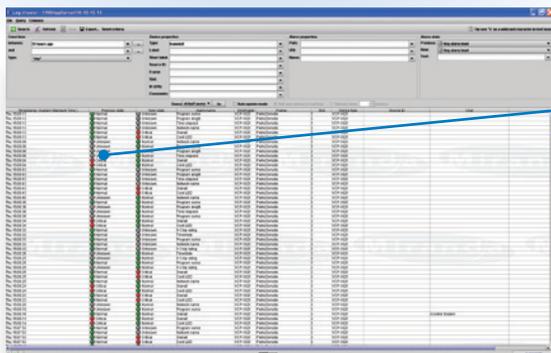
iControl Navigator provides effective status reporting, and allows complete local or remote device configuration. Operators have fast access to devices and parameters when investigating errors and warning conditions.

Devices can either be displayed in a physical order, by frame and slot, or by logical groups. Logical groups may be dynamically configured using drag and drop techniques.

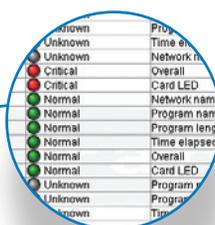
For quick troubleshooting, iControl Navigator also provides extensive error and event logging, with time-stamped details of each change in signal parameter, router crosspoint or reported error. If required, the content of the event and error logs can be exported to other applications for further analysis.



iControl Navigator tree based view



iControl Navigator log viewer



Log viewer displays clear and concise description of alarms

Entry-level control and monitoring system

iControl Navigator can be used without the iControl Web software to provide a simpler, entry level device monitoring and control system. An even simpler control system is provided by iControl Solo which is a reduced feature set version of iControl Navigator that does not require an Application Server (see page 644).

ORDERING INFORMATION

IC-BASE-EDITION-V2

iControl system including: 1RU Application Server with single power supply and hard drive, dual network interface, iControl Navigator software and device drivers for all controllable Miranda devices

IC-BASE-EDITION-ENT

iControl system including: 1RU enterprise-grade Application Server with redundant dual power supplies and disk drives with RAID 5 control, dual network interface, iControl Navigator software and device drivers for all controllable Miranda devices

Options

IC-WEB

iControl Web Site creation software (requires iControl standard edition)

IC-WEB-BASIC

iControl Web Site creation software (requires iControl standard edition, for up to 100 devices)

IC-ROUTER-CLIENT

iControl router control software

IC-SNMP-MANAGER

SNMP manager software

IC-SNMP-DRIVER-CREATOR

iControl SNMP driver creator - Allows creation of iControl SNMP drivers for third-party devices

IC-REPORT-001

iControl interactive report generator - Includes data formatting, summarization and chart builder



Densité Probe panel