Integrated Control Environment

Features

- Ethernet based control system
- IEEE 802.3 compatible network protocols
- Client-server based software
- Integrates multiple control systems
- Operates on standard 10Base-T networks
- Internet capable
- Unlimited control capacities
- User-friendly GUI for programming

Description

I.C.E. is an Ethernet based control system which provides multiple operators a simple unified programming interface, using standard products and open protocols tailored for their specific needs. Designers using the I.C.E. system can select the specific products and only those products needed for each operator or operators. I.C.E. is designed from the ground up to be scaleable and upgradeable. The system installed today, supports all current industry standard lighting controls protocols. The system you own tomorrow will support all currently discussed Industry protocols such as A.C.N. and others via affordable software upgrades.

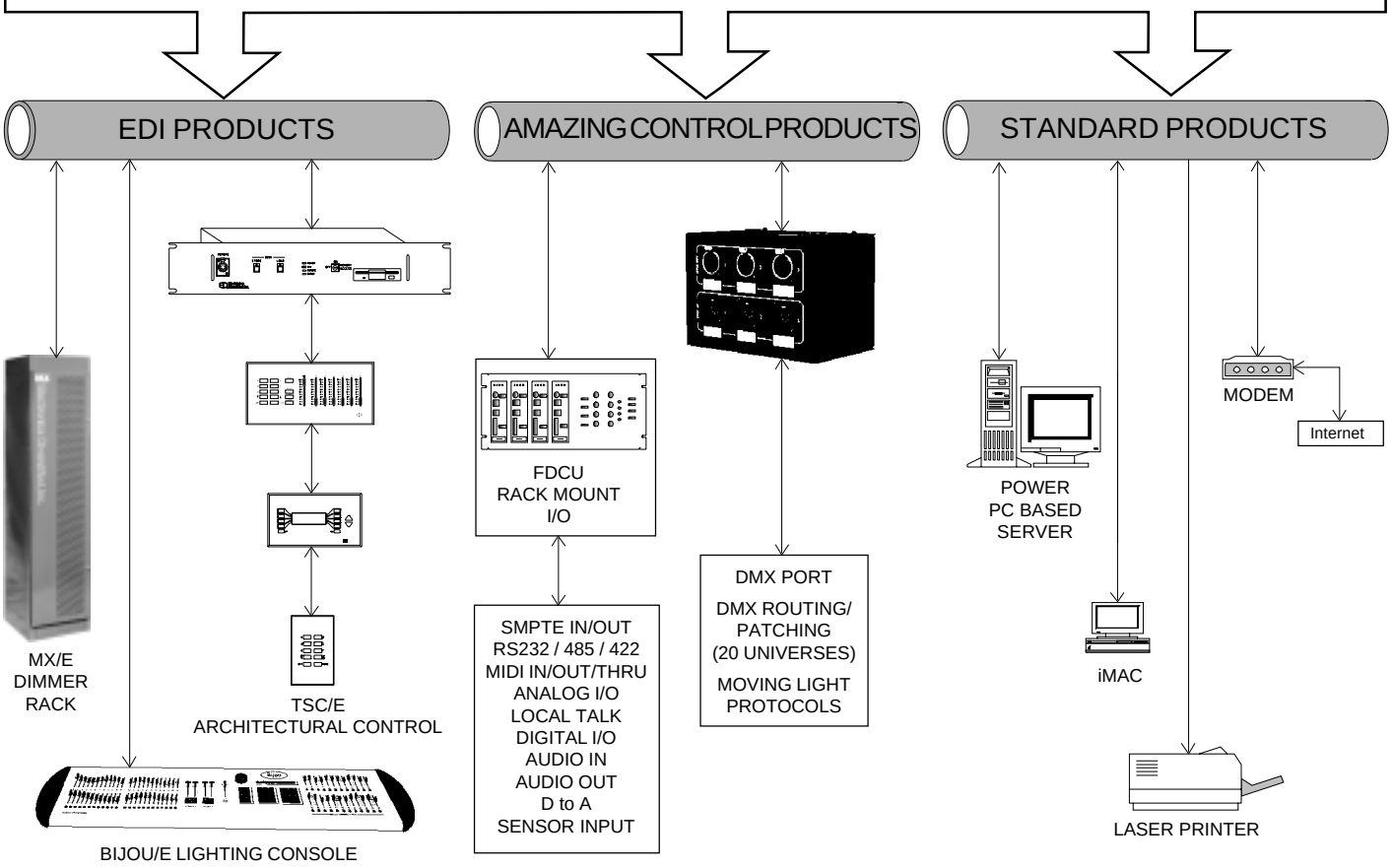
Because the system is built on standard networking interfaces and protocols design, installation and maintenance are simplified. In addition, there is an added benefit of leveraging the Internet for remote programming, maintenance and diagnosis of system issues.

In short, I.C.E. offers simplified programming and unified playback from multiple console inputs to a variety of outputs, lower cost of installation, programming, operation and maintenance.

ICE provides hardware and software components that combined in any form will allow a complete integration of professional show- and lighting controls. Think of it as a set of building blocks that can be put together to form a control system for just about any application. The individual components can be assembled to implement a show, lighting or a building management control system consisting of modular rack based interfaces, DMX-512 compatible distribution, dimmer racks, theatrical- and moving light consoles, architectural controllers, smart card based access controls, sensor input, etc. The system provides a consistent user interface for the installer, the programmer, the lighting designer and the operators. In all appearances the system will be user-friendly and consistent in it's way of operation.

Electronics Diversified, Inc.
1675 N.W. Cornelius Pass Road ● Hillsboro, Oregon 97124 U.S.A.
Phone: (503) 645-5533 ● FAX: (503) 629-9877 ● Web Site: www.EDIOnline.com

I. C. E. ETHERNET NETWORK Diagram



I. C. E. PRODUCTS

- DMX PORT- Is a means of distributing up to 10,240 channels of DMX and other entertainment control protocols for Television Studio's, Performing Art Centers, and Theme Parks over Ethernet. Each portable "Node" is capable of 1536 channels of DMX (input or output). The Mac based software for this system allows the user to Split, Merge, Patch and reconfigure control data streams quickly and easily.
- FDCU- (Fast Decentral Control Unit) is a 19" rack based unit which has several interface cards for attaching serial and analog control equipment to an Ethernet Network. This is used to control sensors, Stage machinery/Rigging, AV equipment, Architectural as well as lighting equipment.
- MX/E- EDI's MX dimming enclosure with a direct connection to I.C.E. . The advantages of having a direct connection are lower cost of installation, improved data management and direct access to all functions and features for the MX dimming system. Optional Feed back information can be transmitted to several users and the data can be integrated into maintenance databases which can be used to generate reports for such items as dimmer fault tracking, lamp burn-outs, and system usage.
- Bijou/EIs EDI's newest control console with the addition of I.C.E.. Added features will include direct connection to the I.C.E. Server (I.C.E. Box) multiple Bijou/E consoles can program the same event simultaneously saving time and cost. Future versions will be customized for moving lights control and special effects.
- TSC/E- Is EDI's architectural control system which will integrate with I.C.E. This system will allow all of the current TSC control points (LCD, entry stations, remote preset stations and slider stations) to work over the I.C.E. Network. It will scale from single room Theatre environments to convention centers with hundreds of individual rooms to control. The addition of the I.C.E. to the TSC will allow end users to re-configure all control points to adapt to the changing environment. For instance a slider channel can be configured to control the sound output in its room.

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1675 N.W. Cornelius Pass Road Hillsboro, Oregon 97124 Phone Toll Free: 1-800-547-2690