

ids



## An integrated display and control system for broadcasters

Designed with production teams in mind but with much wider applications, IDS delivers workflow information and control interfaces to users via networked display devices and intuitive touch screens.



## From studio to newsroom, IDS provides a dynamic, organisation-wide display and control system

As facilities become more multi-functional, with studios and control rooms being used by different stations and their production teams, Chief Engineers and Specifiers are looking more and more for systems that can be operated by non-technical staff, expanded as requirements dictate whilst reducing operational costs in the process.

Comprised of dedicated software and hardware devices that operate using a standard IP infrastructure, IDS is a powerful multi-function toolbox. Its screen designer and logic mapping software enables users to create sophisticated displays and control interfaces for a variety of applications common to both radio and TV broadcast facilities:



**Clocks and timing** – clocks (analogue and digital), production timers, multi-time zones, up/down timers, off-set time recorders and tally interfaces – every device on an IDS network is synchronized using NTP/LTC.



**Information display** – dynamic information including clocks, cue lamps, scrolling text, control interfaces, video streams, URLs, RSS feeds, alerts, signage and branded media can be delivered to any connected display device.



**Control and integration** – IDS doesn't just interface with essential broadcast equipment, it also integrates with a growing number of third party control and playout systems including cameras, mixers and DMX lighting.

With IDS, sharing facilities is simple. Its modular and expandable architecture makes it particularly advantageous when building large systems. Networks can be simple with only one or two devices or complex, with hundreds of devices, operating together or in specific groups for particular locations.

Using familiar touch screen behaviour and intuitive interfaces, operators can quickly get down to what they do best. Furthermore, changes to configuration and workflow can be made on-the-fly and with little training.

One system,  
many applications



Production  
Timer



Off-set  
Timer



Camera  
Control



DMX  
Lighting



IR  
Control



Clocks  
and Tally

Ergonomic and  
easy to use



## IDS Core

At the heart of IDS is our configuration software, IDS Core. Designed by our team of dedicated engineers, it gives users a powerful toolbox to create bespoke network systems using their own custom-designed configurations for display and control purposes in broadcast critical operations.

### IDS Screen Designer

IDS Screen Designer's intuitive drag-and-drop interface lets you create and save any number of informative display layouts. Customise clocks and cue lights or create your own control interfaces. Choose from a rich array of design elements, including video feeds, web pages and countdown timers. Create a library of your own image files and logos.

### IDS Logic Builder

IDS Logic Builder takes your screen designs and lets you map their virtual inputs and outputs to real GPI signals, video feeds and time signals, by routing them to physical ports on IDS hardware and other third-party devices. The built-in logic functions, signal manipulation elements and I/O controls provide endless possibilities for logic maps to drive your displays.

### IDS Connected Devices

IDS Connected Devices completes the circuit, allowing you to assign logic maps to the IDS Remoras controlling your display devices and interface with third-party devices and other IDS accessories. The beauty of IDS lies in its centralised management – IDS Core controls your entire IDS network, every connected device and the layout of every display.

### Your finished display screen

Time-critical broadcast information, control interfaces and mixed media content are delivered to networked displays and IDS Touchscreen control devices, while our cue lamps, noise level monitors and DMX controllers provide further visual feedback throughout your organisation.

## Wherever there's an IP connection, you can tap into the power of IDS





## IDS Hardware

IDS devices integrate nicely with your existing infrastructure, communicating over Ethernet and synchronising using NTP/LTC.

### IDS Server



Available as a standard, single PSU, or as a Dell PowerEdge® server fitted with RAID 1 HDD and dual hot-plug redundant PSUs. With IDS Core software pre-installed, these 1RU (19") units provide a centralised control and monitoring platform for your IDS system.



### IDS Squid

A versatile 1RU I/O expansion unit. With 32 opto-isolated inputs and 32 isolated relay outputs which can be configured individually using IDS Core, dual redundant hot-plug PSUs, Ethernet and LTC/Alarm connections, it is the perfect resilient link between IDS and the outside world.



### IDS Remora

A compact powerful display processor, capable of delivering full HD 1080P video. It can be locked to NTP to deliver time-critical content to display devices over your IDS network and, with silent, passive cooling, it is perfect for driving HDMI/DVI displays in noise-sensitive environments.



### IDS Touchscreen

Provides a handy and ergonomic user interface to control remote equipment and distribute media content over your IDS network. Its powerful built-in processor delivers all the broadcast critical information and alerts you need to keep your operations running smoothly.



### IDS Accessories

Extend IDS functions to include noise level monitoring, infra-red device control, network time synchronisation, dual time code channels, GPIO expansion and DMX lighting control.



### IDS Lamps

An elegant, six-colour LED system, available as a free-standing or wall-mounted unit. With either a single or dual element, it can be used to indicate broadcast status and other warnings.

*"We're often told that IDS has opened up possibilities where previously they didn't exist, and the reason for this? Well, we think IDS fills a need that exists in every broadcast organisation. It's easy to install, easy to expand and easy to use. Everything an IP based solution should be."*

**[www.ipe-products.com](http://www.ipe-products.com)**