

Seeing is believing

Disse digital signage system includes everything you need to create professional digital signage applications



Euroservicios, representative for Iberia

DISSE

Overview

Leading the way into the future of professional software based digital signage solutions

“The Dise range of digital signage software tools make it easy to create many types of applications and gives you as a user control of all the aspects of a professional installation including content, composing, distribution, play out and monitoring.”

Dise Team



ICC Birmingham. Way finding solution by Rivermeade Ltd.



MTR JCDecaux installation Hongkong subway. Multi screen escalator setup.

Dise has become known as one of the leading softwares in the digital signage business. With our broadcast quality approach to digital signage we have proven that digital signage can be produced with standard hardware and software to create networked digital signage channels with live and dynamic content that looks and feels like a TV production.

Dise is used in leading installations globally from small scale network to large multi screen installations.

Content creation is done in the Windows application Dise Composer. It is easy to compose Dise movies by using drag and drop from existing content such as video(HD, video streams, live), images, text and more. Dise Bridge is used to create a digital media network of connected players in stores, public locations or in office buildings. Stand alone playback of your content is handled by Dise Replay.

For Users by Users

Dise is made with the end user in mind, working in close cooperation with selected key users and with a support that is open for user input we make sure that our solutions meet the needs of different users, from content creators and technicians to information designers and network owners.

Scalable Solution

The Dise system is designed to be highly scalable. Applications made with Dise range from small school installations with only a few players to airport or retail installations covering any number of players.

The Software Advantage

Being a software-based platform Dise makes it easy to create a key solution for the end user. Changes in system usage, new formats or network technology are not a limitation to our software based system and Dise can quickly be modified to overcome any new challenges and

meet new requirements. Software updates ensure that you will always have a reliable solution.

Content creators

Content creators enjoy the easy to use user interface. The UI makes it easy to perform everyday tasks and is at the same time competent and powerful enough to meet external requirements and allow for creative freedom. The number of object types, effects, format support and layout possibilities are huge and constantly expanding giving you as a content provider a platform in which to grow.

Network Technicians

Dise runs on standard Windows based systems and utilizes standard network technology. Networking is done over the internet or LAN with TCP/IP FTP technology. And monitoring is based on MySQL or MsSQL database connectivity. This makes it easy to manage a Dise-based digital signage system.

Network Owners

When selecting a digital signage system there are a number of things to consider.

What is the primary focus of the network?
What is going to be displayed?
Where will it be displayed?
Who will run the system?

With Dise you will not be locked in. Dise lets you grow with your system and you can make changes to the platform and expand or shrink your network and target new requirements on the way. This makes it easy to stay on budget and calculate ROI. And because Dise is based on known technology and is run on a standard Windows platform, professional help is readily available on the market and anyone with knowledge in IT and network technology can manage a Dise system.



Reasons to buy



Excellent Value

Dise is a one stop solution for digital software that not only provide a reliable and fail safe solution but also adds high end performance and comes packed with features such as dynamic data, video effects, monitoring and a lot of extra tools available for customizing your installation. Tools included are Composer, Bridge and Replay plus a number of gadgets that are available for download from our web page.

Features

Dise includes all the features needed in digital signage package and adds some features you would not expect from a DS package. More features are constantly being developed. Since the Dise suite can be used in many types of application there are features that target different usages thus adding to the overall value without complicating software handling.

Platform

Working with standard Windows platform guarantees a maintained, secure and reliable system and the manpower to operate the Windows environment is available globally.

Software compatibility

Always having support for the latest technologies and file formats is one of driving forces behind the Dise product line. Compatibility with other tools in the business is provided both for image and video editing and for reporting and monitoring.

Connectivity

Dise includes a dynamic data interface that makes it easy to connect to diverse external data sources (e.g. SQL-Databases, queue number systems, RSS feeds and more) as a way to always keep the content up to date and accurate.

Extendability

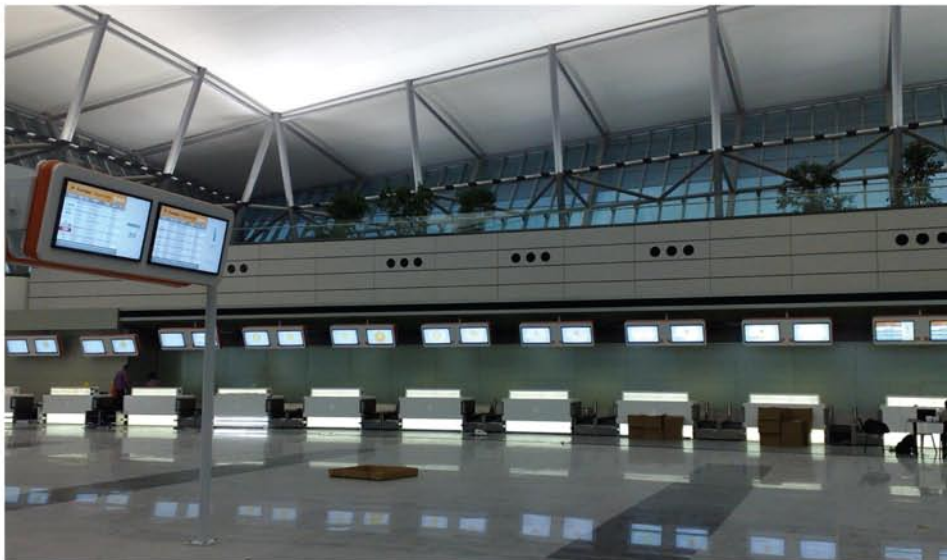
Starting with version 1.7 the Dise package invites, and makes it possible for, third party developers to design their own add-ons to the Dise system. This makes the system truly open ended with countless new applications being possible.

Support and Subscription

The Dise system comes with a full year of software support and the option to subscribe to additional support after the initial time period. The upgrade and technical support agreement ensures that your system will always have the latest features and patches.

Dise Professional Services

In addition to providing the software platform we can also assist you in getting the most out of your investment by providing you with professional services including network planning, technical considerations and software development.



Carrasco International Airport. Airport dynamic time table data setup.

Proven and Reliable Solution

We have a long experience from the digital signage industry and know what it takes to build reliable automated information solutions. Dise is used all over the world in different types of installation from small scale single screen installations to large scale multi screen installations with 24/7 operation and long lasting track record of successful operation.

Software Based Solution

Dise is a software only solution which enables you as a system buyer to choose from a wide variety of Windows compatible hardware platforms thus allowing you to create a system that fit your needs and at the same reduce the cost of your system. Since Dise is a normal Windows program there is almost no threshold for learning the software which will further reduce the cost of maintaining and using the digital signage system.

Productivity

With a preset, template and module based architecture and a user friendly interface the Dise package makes working with day by day operations effective and at the same time helps you in creating new and existing applications thus improving your productivity.

Performance

With a state-of-the-art optimized graphics rendering engine Dise provides excellent performance capable of best in class multi object and multi screen synchronization and fast, smooth graphics output in better than full HD resolution.

Broadcast Quality

Graphics output and quality are always at the top much due to the new rendering engine but also thanks to the long time overall ambition and idea of bringing the best possible broadcast quality to the digital signage industry - "Seeing is believing"



Edit, Distribute

Easy to use for the beginner,
powerful enough for the professional

Dise Composer takes advantage of the latest hardware features enabling mixing of multiple video and graphics layers with full control over transparency, fades and movement and playout in real time.

Drag and Drop

With Dise Composer you simply drag and drop media files and preset templates to create your digital signage presentation without losing creative freedom or output quality.

Dise Movies, Scenes and Objects

A Dise movie consists of one or more scenes. Scenes are composed of multiple individual objects (video, pictures, text, tickers and more). All objects have their own display times and other properties. Objects can also be connected to external data sources and updated dynamically.

Design for Real Time Playback

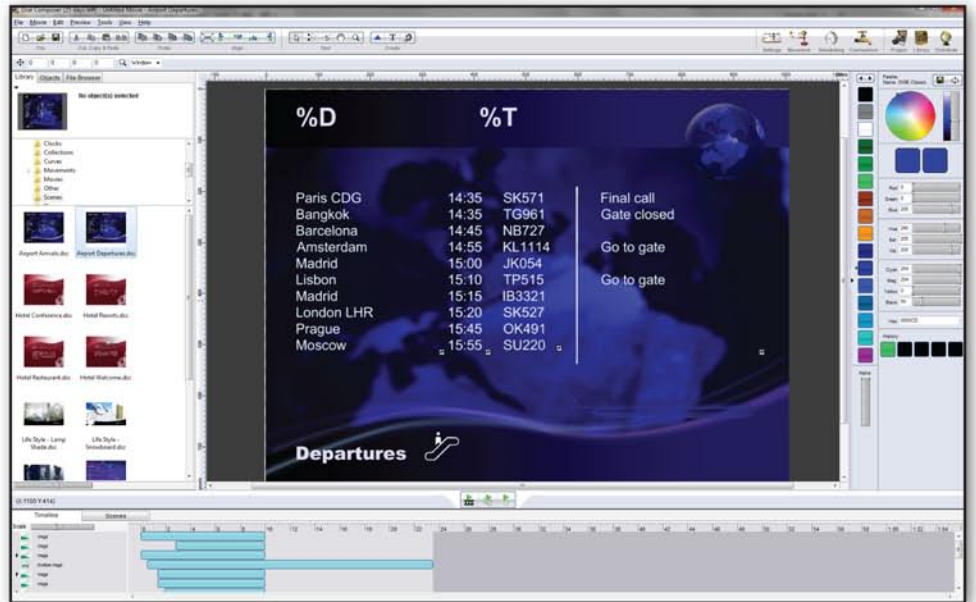
The idea behind Dise is to create presentations and then move the actual composition to the player without losing any quality and layout features.

Smooth Playback

Dise is based on leading technology that outputs stunning SD or HD quality and smooth real time layered graphics previously only found in high end systems using dedicated hardware.

Dise Composer is a powerful and easy to use timeline based editor for digital media and digital signage applications.

With Composer you create Dise movies that can be played directly from the application, by a separate player or sent to remote players.



Dise composer editing application

Dynamic Playback - Template Based Editing

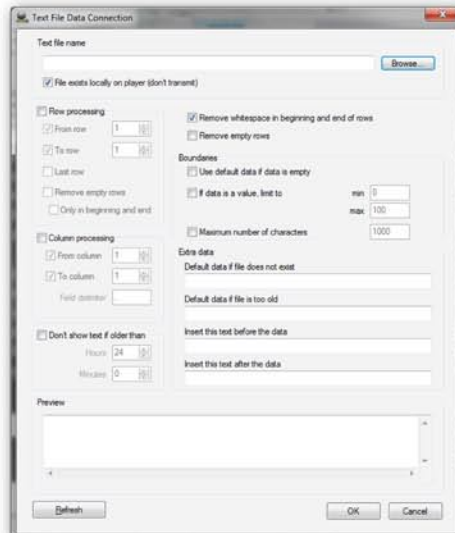
When working in the Composer you can create template based Dise movies. Since playback is completely dynamic and is done in real time it is possible to import and reflect content changes at runtime using predefined templates.

Scheduling

All objects can be scheduled on date, time, day of week, play back location or file date / time. Multiple scheduling rules can be applied.

Dynamic Data Connectivity

Dise has support for different data exchange formats such as RSS, XML and CSV. Any content objects created that link to dynamic data feeds will be updated on the fly.

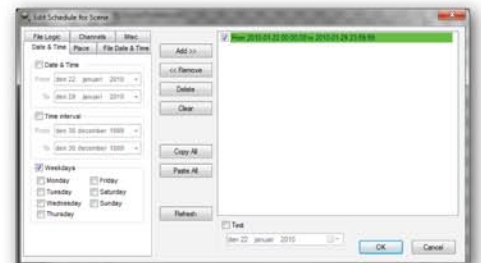


Application Compatibility

Dise supports importing and adding effects and movement to objects of almost all formats including WMV/WMA, QuickTime, tiff, jpg, Macromedia Flash, MP3 and more.

Content Distribution

Dise Bridge takes care of the work of distributing content to your local or remote digital signage players. With Dise Bridge you can create and schedule multi layered play lists, so called channels. Content is distributed using FTP over Internet or a LAN.



Distribute and Control Remote Content

With Dise Bridge it is easy to create a digital media network of connected players in stores, public locations or in office buildings. You create and manage your remote locations by specifying "destinations".

A destination can be one player site or a group of player sites.

Work with Unlimited Destinations

One Dise Bridge system allows you to work with an unlimited number of destinations. Each individual destination contains a content



database and distributes only new or changed content to each player site.

Specify Layered Channels

Dise Replay plays display schemes created by Dise Bridge. A display scheme defines one or more channels. Channels are defined as layered place holders for play lists. This means that you can play multiple channels side by side or on top of each other using transparency masks.

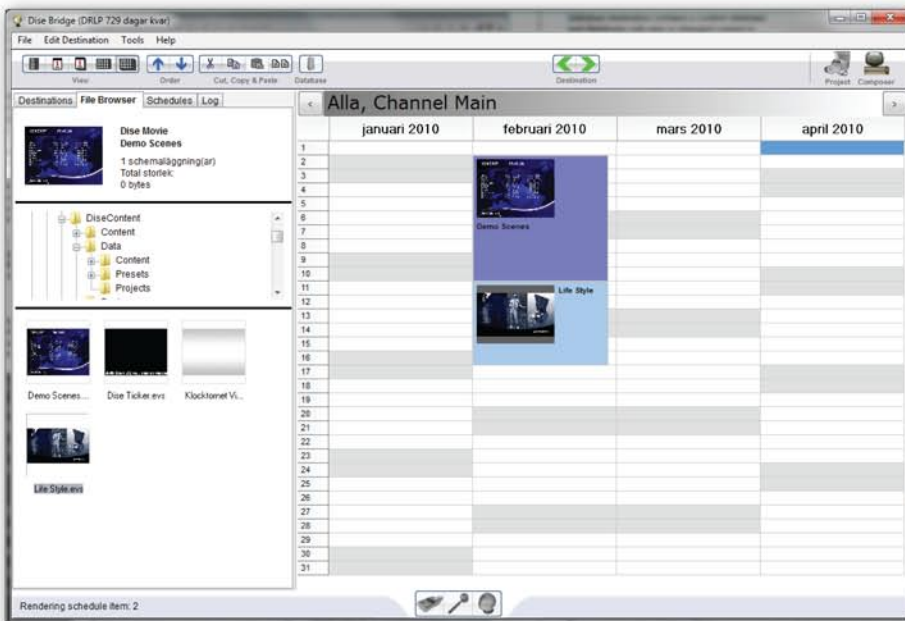
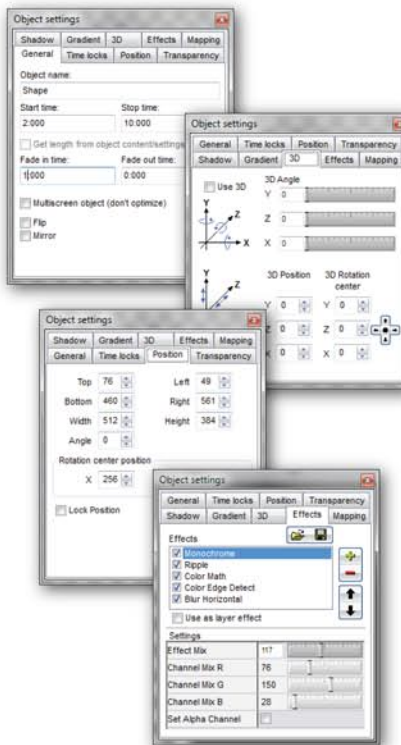
Each Channel holds a play list. A play list contains one or more Dise Movies. Each Dise Movie can be scheduled.

Conditional playback and scheduling

Each Channel and Dise Movie can be scheduled. You can schedule on weekdays, time of day and dates or create more complex rules if necessary. For example you can specify conditional playback rules such as name of the player site, file properties such as file empty and file expiration date. Conditional playback can also be controlled by third party applications.

Multiple Download Locations

Dise Probe is used on the player computer and downloads content distributed by Dise Bridge. Dise Probe can also download from multiple FTP sites. This means that your content can be downloaded from your sender site and news from the news provider.



Dise Bridge distribution application

NoBorders

providing excellent broadcast quality synchronised play out of presentations utilizing multiple player computers and creating large multi screen canvases. This enables content to be designed for multi screen play out in better than HD resolution without limits including multi screen effects.

Dise NoBorders

Dise DS with NoBorders is designed for advertising in public areas, for sport arenas, digital menu boards and large events and for any project where you need synchronised content on multiple screens such as time-linked outdoor LED-screens.

Screen placement

The No Borders multi screen feature utilizes a screen definition feature enabling unlimited placement and resolution of individual screens on a joint canvas. This makes digital signage for escalators, arenas or events much easier and helps to create eye catching installations.

Content Editing

Editing content for a No Borders installation spanning multiple screen is no different from editing content for a one screen installation. All screens are seen as one big canvas and objects and effects can be used over all screens.

Content Distribution

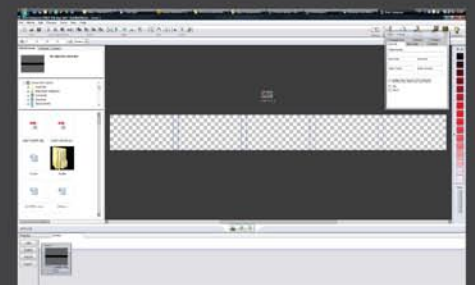
Distribution of content is done through Dise Bridge. All content distribution is done automatically and is distributed to all players that need that individual content.

Sound Panning

Just as well as objects can move visually from one screen and thus from one player computer to another so can sound, creating interesting effects. Sound can thus appear to move from one screen to another.

External signaling

A normal Dise Installation enables external signalling and control of playback of different content. This makes it possible and easy to add interactivity to a No Border installation and to play different content depending on external events.



Dise Composer featuring a NoBorder screen definition



Multi screen installation

Replay and Monitoring

Dise Replay brings TV studio quality to digital signage applications. All layered presentations, scenes and objects are assembled in real time together with effects and conditional playback rules such as scheduling. The result is then played using standard graphics cards for use on TV-, LCD-, Plasma- or LED- screens or distributed through third party streaming applications.

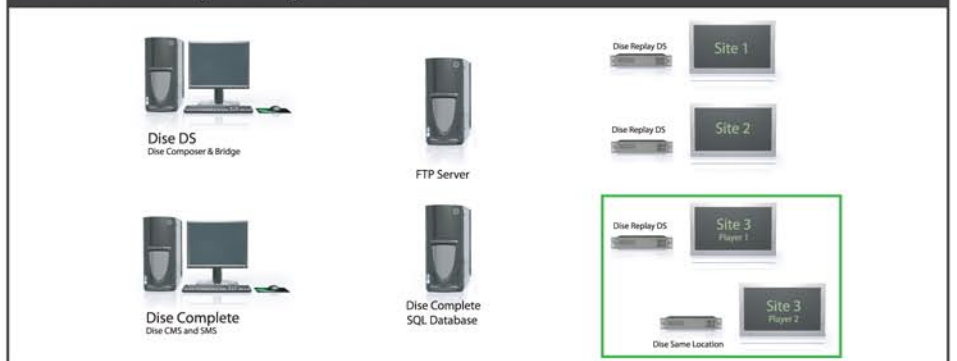
Specify Layered Channels

Dise Replay plays display schemes created by Dise Bridge. A display scheme defines one or more channels. Channels are defined as layered place holders for play lists. This means that you can play multiple channels side by side or on top of each other using transparency masks from the Dise Movies. Each channel holds a play list. A play list contains one or more Dise Movies. Each Dise Movie can be scheduled.

Output Devices and Settings

During installation of the Dise Replay software you specify what output resolution you want to have from your graphics adapter. This enables you to select the resolution that is best suited for your target screen. This means that your Dise Movies and your content will always playback with optimal signal quality which in turn will have your viewers focusing on the important things, your content.

Dise DS Complete System



Dise Complete Database

Dise Complete is based on a database solution that enables workflow management and network planning and monitoring. It is an open system based on a MySQL database which enables users to create their own interfaces to the system thus enabling additional features to be added to the Dise Complete system. Dise Complete supports the database solution by providing applications that allow users to modify the data stored in the database. Information collected from players are stored in the database.

User Management

User management and tracking are key issues in Dise Complete. Dise Complete keeps track of all

the tasks being assigned and performed.

Monitoring

The status of both hard- and software can be monitored and triggers can be created that alert support staff should any problem occur.

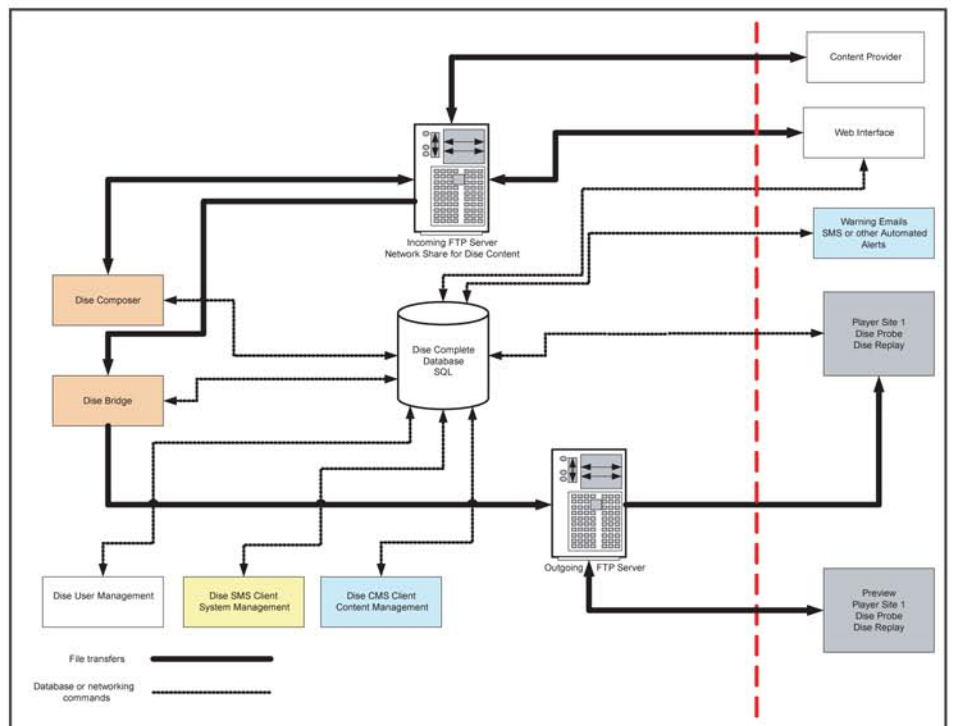
Statistics and Proof of Play

Dise Complete can be setup to record every single display time for all individual content items that are being displayed. This information can then be used for many things e.g. proof of play or billing

Control

Dise Complete can be used to control screens and other equipment from a remote location. Both manually and automatically.

Dise Complete defines the foundation for the control, monitoring, statistics and user management of the Dise digital signage system



Applications



The Dise range of digital signage tools make it easy to create many types of applications and gives you as a user control of all the aspects including content, compositing, distribution, layout and monitoring.

Below are some examples of segments where Dise is used.

Retail

Create an impact with a digital media network, increase sales and sell advertising space to your suppliers and partners.

Corporate

Keep your employees and visitors informed about news, events and the latest global trends with dynamic information sources.

Education

Keeping students informed is what it is all about. Examples of content include broadcast news, class changes, upcoming events as well as other information such as time and date.

Hospitals

Waiting in the emergency room or not knowing where to go? Dise is used as a information tool, for both way finding and to inform about events that occurs that can prolong the waiting time.

Restaurants

Dynamic Digital Menu boards, entertainment and information are some of the things Dise is used for in a restaurant environment. The offer can be instantly changed depending on weather, time of day or the availability of a food dish which in turn will keep guests happy and provide a more cost efficient restaurant

Hotels and Hospitality

Hotels are traditionally experienced users of TV-based information channels. Dise act as the playout engine of many Hotel-TV-channels. Typical uses for digital signage in a hotel normally includes screens in the reception area, restaurants, for way finding and an in room channel.

Events

Dise is frequently used in events. Typical uses for Dise at an event can be to provide instant dynamic information to visitors or to playout messages on big LED screens e.g. SMS integration

Sport Arenas

Dise has many uses in sports arena. Dise provide instant dynamic information to visitors, price and seating information at ticket desks and even acts as a playback engine for Live LED screen broadcast with timing and replays.

Outdoor advertising

Dise is empowering networks of big screen LED both for advertising and information. Information can be played on LED screens of any size or shape.

Airports, Train Stations and Boat Terminals

Dise is used for displaying instant dynamic timetables to travellers and at the same time providing advertising, news or important information such as gate information, luggage claim.

Government

Informing citizens about upcoming events, alerts and news using a public digital signage network as a community service is a recurring use for Dise at e.g. town halls, public libraries or government buildings.

Museums

Spreading of the cultural heritage and raising the awareness of visitors about environmental concerns. Dise is used in museums both as a normal information tool and as an integral part of the exhibition.

Broadcast and Streaming

In addition to the above you can also run your own cable-TV-network without spending a fortune. Together with third party tools streaming solutions can be made.



Bradford Academy, UK. Educational Signage



ICC Birmingham, UK. Way finding installation



PS Media Group Mall installation Sweden



MTR JCDecaux installation Hongkong subway. Multi screen escalator setup.



Carrasco International Airport. Airport dynamic time table data setup.

Get your business synchronized!

About Dise

Dise is the brand name for all our software that enables users to create evolutionary display solutions. We have been pioneering the business and developing the concepts and the "know how" behind Dise since 1990.
www.displayevolution.com

Learn more or purchase

If you are interested in buying a Dise license or would like to find out more about our software and talk to an authorized reseller please visit our web page where you also can download a trial version
www.euroservicios.es



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Dise service and support

We believe in providing as much information possible in order for you to create a successful installation. To aid you in the process we have created support pages where you will find downloads, white papers and information about our service programs and custom services.
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