



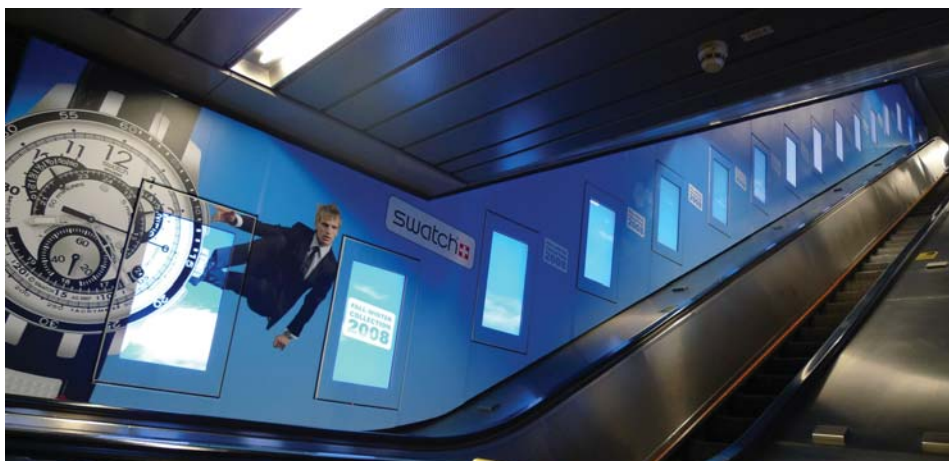
DIS

About

The key to a successful digital signage solution is the software that is running it. DISE is that software.

The company founders and software engineers behind DISE has a long experience in digital signage, working with the same concepts since 1989 when they helped to pioneer the business. Back then it was all about TV based installations, videotex and low resolution graphics. Now Plasma, LCD and LED screens have become widely available and the entry cost for a digital signage system has become attractive to more companies. In addition, the demands on the software platform have increased. However the basic concept is still the same, to present your content to your viewers with high quality, dynamic playback, control and reliability.

The first version of DISE was developed in Sweden in 2005 and marked a new way of working with digital signage and providing an output quality that were previously only found in dedicated broadcast systems. DISE features one of the best editor interfaces and the best performance in the business.



MTR, subway station, Hong Kong

We keep a close dialogue with our clients and resellers and we strive to develop a product that is made by users for users. Many of the features you find today are most likely to have sprung out of a customer request.

The reputation of high quality software and good customer care quickly put DISE on the map as one of the top actors in the Digital Signage world. DISE have local resellers and distributors in 43 countries all over the world, and two subsidiaries, DISE Asia and DISE Australia.

DISE can be used in small, one-screen systems as well as in large global digital signage networks. DISE have been successfully deployed in systems with over 2000 screens, and have been the software of choice by large companies, banks and airports all around the world.

We are proud of our software, and we relentlessly continue to develop and refine our product portfolio. This makes DISE the safe software choice in a world where technology is constantly changing.



ICC Birmingham, UK



Luxor Cinema Complex, Russia

Product history

2005 – DISE 1.0, Outstanding, broadcast quality output

2006 – DISE 1.5, The famous content editor with drag and drop, WYSIWYG and timeline interface

2007 – DISE 1.6, HD quality and lots of new features

2008 – DISE Complete, monitoring and statistics database

2010 – DISE 2010, Modular and open-ended software design

DISE is an acronym for Display Evolution. Klocktornet AB is the company behind DISE. DISE is a brand name under Klocktornet AB.

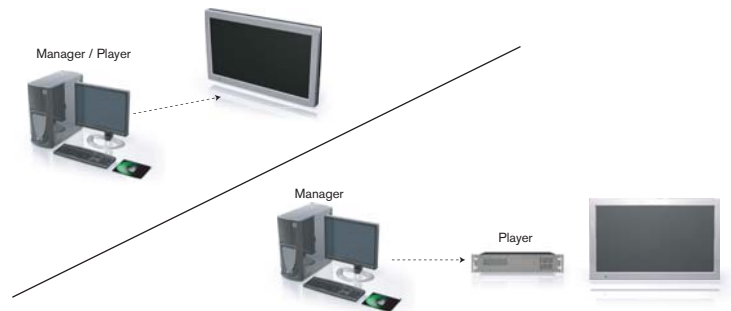
Products



Dise One

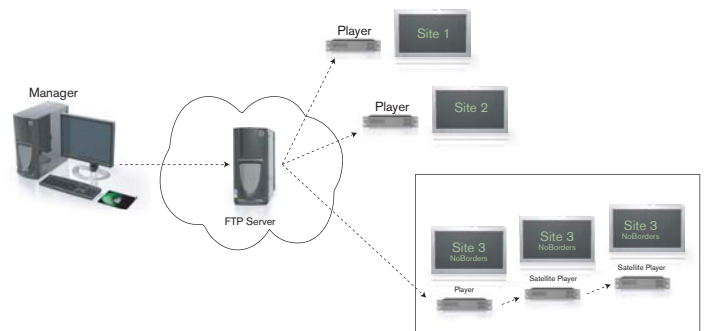
Dise One – is your step-in product for your digital signage need. Dise one addresses one screen solution and gives you the creative power Dise Composer brings.

At your hands you have the ability to use any kind of content, video, pictures, text, tickers, streaming sources, capture dynamic data such as rss, twitter, facebook, weather and much much more



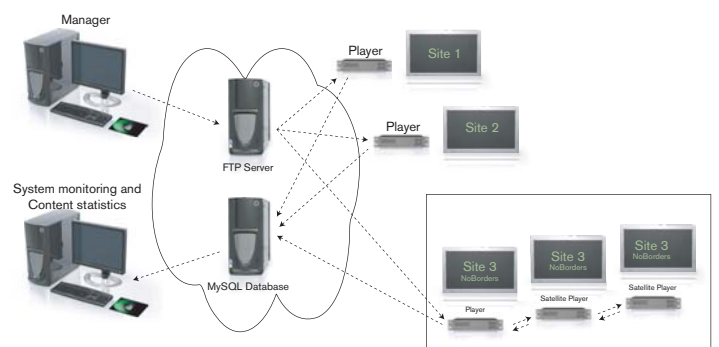
Dise Professional

Dise Pro is your multi-site digital signage solution. If it is 2 screens or 2000 screens Dise Pro will still cover your needs. Control all your screens from one central location. Schedule content for groups or individual players. Use layers and channels to create stunning presentations with triggered content all according to your individual needs. Dise Professional gives you the ability to use multiple channels and trigger different content depending on different schedules.



Dise Enterprise

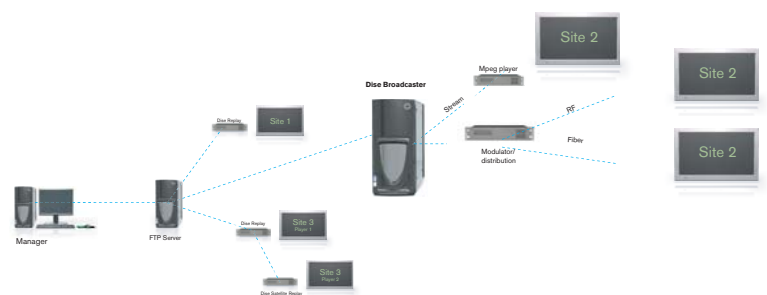
Dise Enterprise is the complete package. You get all the features and advanced functionality from Dise Pro but you also get the traceability, remote monitoring, installation and license handling required for an enterprise solution. Dise Enterprise will provide you with full control of your system. Event handling, reporting, proof-of-play, screen temperature monitoring. Dise Enterprise gives you the power to act proactively on issues in your network, before they evolve into problems.



Dise Broadcaster

Dise Broadcaster gives you the possibility to stream your content from Dise Replay either as an IP stream or as a direct output to a video output card, for example to a SDI or analog video card. Dise Broadcaster works like a regular Dise Replay but with the ability to stream out the playback.

Dise Broadcaster is a Dise Replay with the ability to output the playback as a stream. This means that you can add a Dise Broadcaster to your already existing Dise network and use the same management tools to control your Dise Broadcaster.



Edit, Schedule, 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

In 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

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.

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.

Design for Real Time Playback

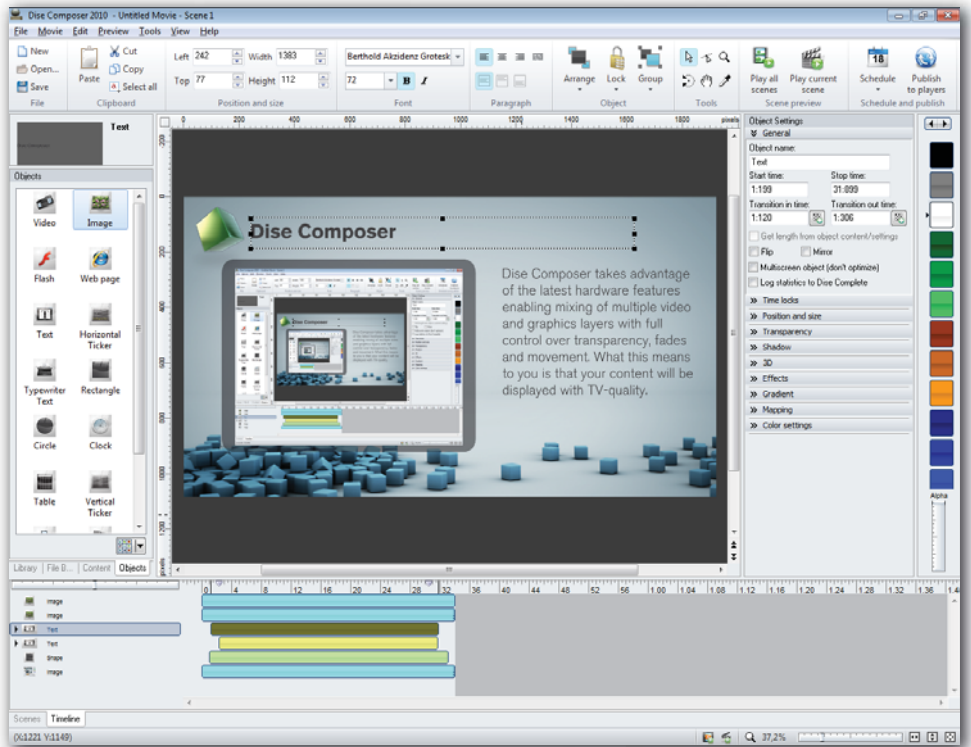
The idea behind Dise is to create presentations and then move the actual composition to the player without losing any quality and layout features.

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.

Dynamic Playback - Template Based Editing

When working in the Composer you can create template based Dise movies. Since playback is



Dise composer editing application

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, external data 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, CSV, Facebook and Twitter. Any content objects created that link to dynamic data feeds will be updated on the fly.

Application Compatibility

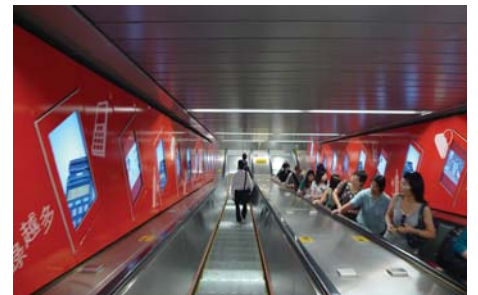
Dise supports importing and adding effects and movement to objects of almost all formats including WMV/WMA, QuickTime, PSD, JPG, Flash, PowerPoint, PDF, MP3 and more.

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 playlists, so called channels. Content is distributed using FTP over Internet or directly on 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.



MTR, Hong Kong

Setup and maintenance

Scalable software model from one screen to thousands.

Whatever your digital signage needs are, wherever your screens are located, whoever is going to operate it, Dise has a system solution for you that will fit your budget and still allow you to grow and expand your system as your business grows.

Connectivity

When you settle for a Dise solution you will also get access to a wide range of free tools to connect to existing data sources. Your content can be updated automatically through News feeds, web pages or changes in connected databases. Support for a wide range of data formats and scripting languages enables Dise to display almost any kind of data you want, constantly updated automatically.

Player locations

Dise features quick and easy updates over local network connections if your players are nearby, as well as file transfers through firewalls via file servers over the Internet if your players are far away. Distribution can be chained so that several satellite players receive their content from one master player, thus reducing the network load from the management site.

Multiple download sources

A Dise player can be set up to automatically download data from a multitude of sources. This makes a Dise system live and dynamic without the need for any manual work at all. Typical local downloads are the usual "Newswathersports"-feeds, but also local database queries like queue numbers or movie theater seat allocations.

Remote control

Any true digital signage system offers remote control. Dise systems extend the concept. We



Bolsa de Madrid

offer control of hardware as well as content. Ambience music volume and the power to turn on and off screens and players from a remote location put Dise systems ahead of the competition.

Setting up a network

If your network is local, and all your players are connected to the same LAN, Dise will set itself up automatically. If your system is wider spread, maybe even global, you will probably want to use the Internet to manage your system. The normal Dise solution will go through an FTP server. Players contact the FTP server to download updates. This solves firewall problems and makes the system scalable.

Information security

Importance of information accuracy is crucial. If your network delivers real time gambling results

or flight time schedules, you don't want your information to be wrong. Dise offers an unlimited number of approval levels before your content is finally published. With Dise you will never be faced with a competitor's promotion broadcasted through your network.

Monitoring

Dise can monitor both hardware and software and even the physical screens and alert you through email for immediate response to any problems. If a problem occurs, Dise will record events into the Dise Complete database for backward traceability. Someone has to accept responsibility of the problem before the Dise system will forget about it and go on. Status and statistics are constantly fed to the Dise Complete database, so problems can be identified before they become emergencies.

Kickstart

Already when you start the roll-out installation of your system, Dise Enterprise quickly gives you return of investment. Instead of requiring each technician on-site to have Dise-knowledge, all the installation and set-up of the player software are done from a central location. All the technician on-site needs to do after connecting the player hardware and screens is to insert an already prepared USB-stick in the player, and enter a player identification. The player will then remotely connect to the Dise Enterprise server and download all the settings, content and software updates.

The player can then be re-configured, updated and maintained remotely at any time without needing any personnel on-site.

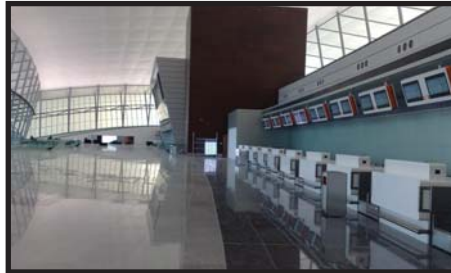
Comparison chart	Dise One	Dise Pro	Dise Enterprise
Dise Discover (auto-detect)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
LAN distribution	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Dynamic data	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Multiple player and editor support	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Multiple content layers support	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Internet distribution	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Monitoring of players	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
NoBorders feature	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Reports and statistics	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Remote hardware control	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Dise Kickstart	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Markets/Installations

Dise is a versatile software applicable to any vertical market.

From sport arenas to education facilities - Dise is the answer.

Transport



Carrasco airport, Uruguay

Finance



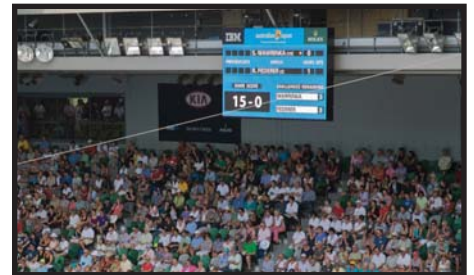
Bolsa de Madrid, Spain

Public led



Emperor store, Hong Kong

Sport venue



Australian Open, Melbourne Park, Australia

Education



Merchants Academy, Withywood, UK

Retail



"Mini"-brand store, Amsterdam, Netherlands

Government



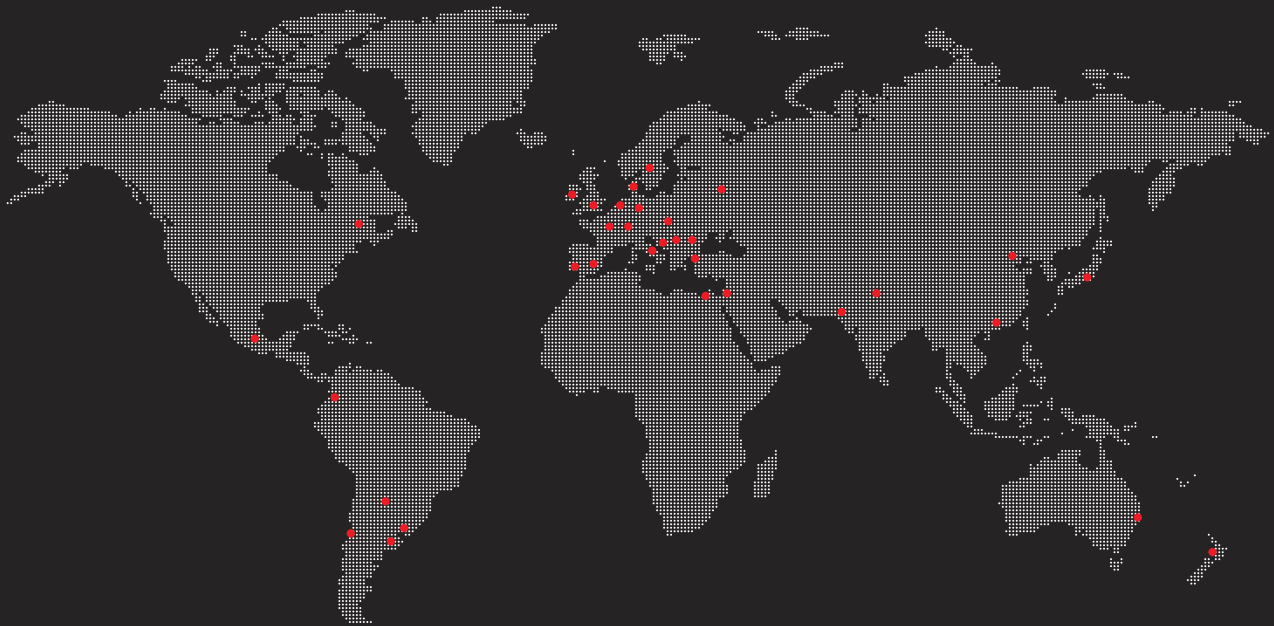
Folkets hus, Umeå, Sweden

Hospitality



Luxor cinema complex, Russia





About



Resellers



Support



DIS

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