MIMOS Presentation Management System (Mi-Show)

Sharing of screen contents is an essential feature in most collaborative systems involvin g presentations. MIMOS Mi-Show is a network agnostic platform that provides software libraries for developers to gain management flexibility to centrally direct and control screen sharing from PC to PC over both wired and wireless networks via a web-based interface.

Overview

MIMOS Presentation Management System (Mi-Show) is a platform that allows a user to centrally direct streaming of desktop content from one PC to another PC (i.e. display) within the same network. It allows directed streaming services to be offered to users over both wireless and wired network in a simple and flexible manner. Mi-Show comprises centralised management of an entire streaming service via a web-based interface. Performance-related parameters (frames per second (FPS) and transmission bit rate) are also made configurable according to hardware specifications and network availability.

Features

Mi-Show comprises the following features:

- **Real-Time Desktop Streaming**
  Mi-Show enables each source PC to stream its desktop to any designated target PC in real-time with configurable screen resolutions.
- **Central Screen Management**
  Mi-Show's central web-based management console directs desktop streaming from any source PC to target PC.
- **Configurable Streaming Performance**
  Users are able to configure performance-related parameters (i.e. FPS and bit rate) according to hardware specifications and network availability.
- **Automatic Node Status Indication**
  Mi-Show's administrator page can be automatically updated with both up-to-date node and streaming status without user intervention.

Technology Benefits

The main impacts of Mi-Show are:

- **Directed Streaming**
  Desktop presentations can be arranged sequentially and projected wirelessly without the hassle of a physical switch.
- **APIs for Desktop Streaming**
  Mi-Show provides easy-to-use APIs on both the source and target PCs as well as for web control via browser for sending and receiving of video streams of desktop captures.
- **Network Device Independent**
  Desktop-based streaming is supported across any IP-based network independent of specific network devices.
- **Centralised Control**
  The system provides centralised control to easily manage and direct streaming from any source PC to any target PC via browser interface.

Technology Summary

Mi-Show

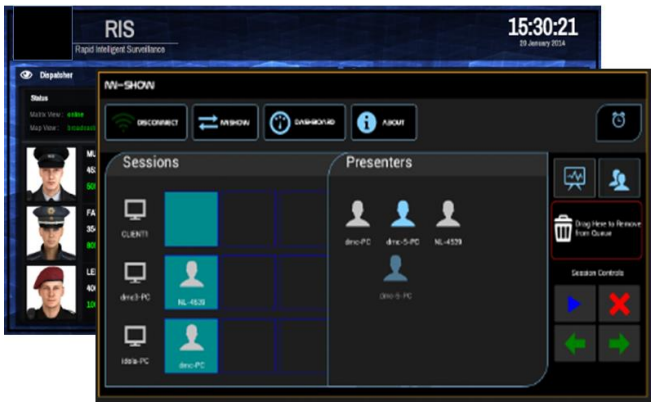
A presentation management system that allows users to centrally direct streaming of desktop content from one PC to another PC.
Industries: Enterprise, Government

Features

- Real-time desktop streaming
- Central screen management
- Configurable streaming performance
- Automatic node status indication

Technology Benefits

- Directed streaming
- APIs for desktop streaming
- Network device independent
- Centralised control



MIMOS Mi-Show customised web UI

System Requirements

Mi-Show	
Mi-Show Controller (MSC)	
Processor	X86-32 Dual-Core Processor
Memory	Recommended 2GB of RAM
Operating System	Ubuntu Linux 12.04
Mi-Show Administrator (MSA)	
Processor	Quad-Core Processor
Memory	Recommended 2GB of RAM
Web Browser	Internet Explorer® 11.0 or above Mozilla® Firefox 28 or above Google® Chrome 33 or above
Mi-Show Sender (MSS) and Mi-Show Reader (MSR)	
Processor	Quad-Core Processor
Memory	Recommended 4GB of RAM
Network	802.11n 5GHz or Ethernet
Operating System	Windows® 7 or above
Software Framework	.NET Framework 4.0
	Microsoft Visual C++ 2010 Redistributable Package (x86)
Disk Storage (MSC, MSA, MSS & MSR)	100MB of hard disk space

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