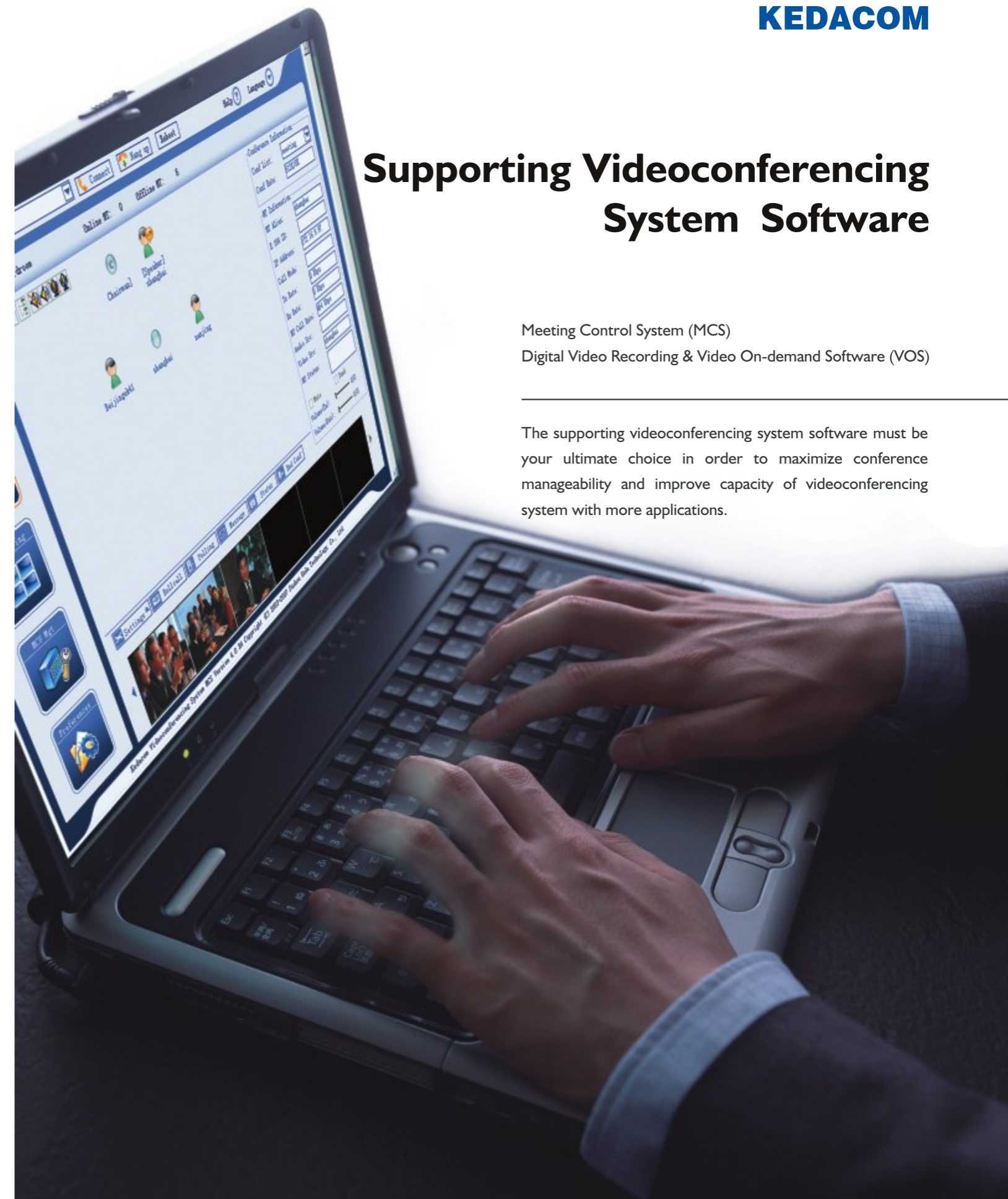


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Supporting Videoconferencing System Software

Meeting Control System (MCS)

Digital Video Recording & Video On-demand Software (VOS)

The supporting videoconferencing system software must be your ultimate choice in order to maximize conference manageability and improve capacity of videoconferencing system with more applications.

MCS Software



The purpose of MCS software is to assist you in managing a conference efficiently with an easy-to-use manner. Based on B/S architecture, MCS software allows an authorized user to log in to videoconferencing system through WEB browser and perform a centralized management of MCU (Multipoint Control Unit) as well as full-range of videoconferencing services. With friendly graphic user interfaces and special site monitoring function, you may control and manage by your mouse click, one and multiple conferences simultaneously.

• Centralized Resources Management

A friendly GUI is adopted for system management over all MCU resources modules and function features, including configuration of resource modules, address book, conference template, conference control, scheduling and more.

• Unified Conference Management

Templates or navigation mode may be used to create an instant conference or a booked conference. Visualized boardroom is applied for full-range management and scheduling of the entire conference. In addition, it displays a topology cascaded of conferences in tree hierarchy.

• Rich Control Functions

The software delivers several conference controls, including amount

others, director mode, chairman mode, automatic polling and voice activation, furthermore, it provides more application functions such as roll calling, audio mixing, continuous presence, wall display, instant short message, camera remote controlling and more.

• Site Monitoring Function

The software can monitor images of multiple sites in real time and display them in variable CP style. Conference administrator can observe the status of individual sites in real time.

• Boardroom Management

Visualized boardroom interface allows you to entirely manage and control conference operation. All you have to do for making a successful conference is just a simple mouse drag-and-drop click.

Main Functions

Template Management

Create/Save/Edit/Copy/Delete conference template

A template is configured with conference parameters such as video/audio formats, conference bandwidth rate, image resolution and more.

Conference Management

Create an instant or booked conference by means of a template

CP, wall display, audio mixing and recorder control

Manual/automatic video source switchover of participating endpoints

Remote control of cameras through the site monitoring window

Roll calling

Instant Short Message sending

Add/Call/Hang-up/Delete endpoints in the

process of a conference

View site images between endpoints by drag-and-drop operation.

Cascade Bridging Management

Create/Control/Manage cascaded conferences

Display cascaded active endpoints in tree hierarchy

Conference List

View all existing conferences and their basic information from MCU

Create/Edit/Save/Delete a list

Site Monitoring

Monitoring images of multiple sites in real-time

CP monitoring in multiple styles

Switchover between real-time and low-rate monitoring

User Management

User authentication, authorization and hierarchy

Create/Edit/Delete a user group

Address book management

Create/Organize address book

Setup keywords for alias, E.164 number, IP address and more

Add/Delete/Edit address entries

Log Management

Collect and record information of operation type and time

Query log information by type and time

Equipment Management

MCU configuration in GUI mode

Centralized management for multiple MCU setting

System Requirement

PC or Server: CPU P4 2.4G or above; Memory

512M or above

VOS Software



VOS software is a professional digital video recording and video on demand system, which provides you with online live broadcast and VOD service of video conferences. Installed on PC or server, VOS software can record digital streams from a conference in real time, store them in ASF format and provide user with WEB-based online VOD service. The system also delivers online live broadcast of a conference in multicast mode.

• Digital Recording Storage

The system receives directly digital video streams transmitted by an MCU over network, which prevents signal losses usually caused by secondary coding/decoding. Recorded files are saved in ASF format. Their encoding rate, format and resolution are consistent with those of the original conference.

• Dual Video Stream Recording/Playback

System software supports synchronous recording and playback of primary and secondary video streams during a dual streaming conference in order to record the entire process of the collaborative conference. Recording or playback of secondary video stream is on user's preference.

• Flexible VOD Replay

Multiple modes can be taken for replaying conference data recorded previously, including online log-on by WEB browser, by Windows Media Player and by a videoconferencing endpoint. In the process of playback, the software allows user to operate as Start, Pause, Restart, Stop and Go to Designated Play Position.

• Online Live Conference Broadcast

The system delivers online live broadcast of a conference in multicast mode, no need of waiting till the end of recording. Therefore, audience can watch online live conference through their computer.

Specifications

Standards Followed

Video standard: H.261, H.263, H.263+, H.264, MPEG-2, and MPEG-4

Audio standard: G.711, G.722, G.722.1 Annex C/Polycom® Siren14™, G.723.1, G.728, G.729, MP3

Video Codec Rate

Up to 8 Mbps

Video Resolution

QCIF (176×144)

CIF (352×288)

4CIF (704×576)

VGA (640×480)

SVGA (800×600)

XGA (1024×768)

Video Frame Rate

Up to 30 frame/second

System Management

Configuration and management in WEB mode

Recording in program cabinet mode

Program Title Query

Event Log

File Storage

ASF Format

The file size depends upon such parameters as conference rate, frame rate and conference duration

VOD Playback

Replay by log-in via a WEB browser

Replay by Windows Media Player

Replay by a videoconferencing endpoint

Operations such as Start, Pause, Replay, Stop and more

Security Features

User authentication, authorization and hierarchy management

Authentication setting to VOD playback can block an ordinary user from viewing sensitive files

Binding of user name with her/his IP address

System Requirement

PC or Server: CPU P4 2.4G or above;

Memory 1G or above; HDD 80G or above