PCS-RS Series
HD Recording Server

SONY
make.believe

Multi Connection Server[1]
(PCS-VCS Series)

Recording Server
(PCS-RS Series)

PCS-XG80

PCS-XG55

PCS-XL55

PCS-XA80

PC Endpoint
**(PCS-EP Series)**
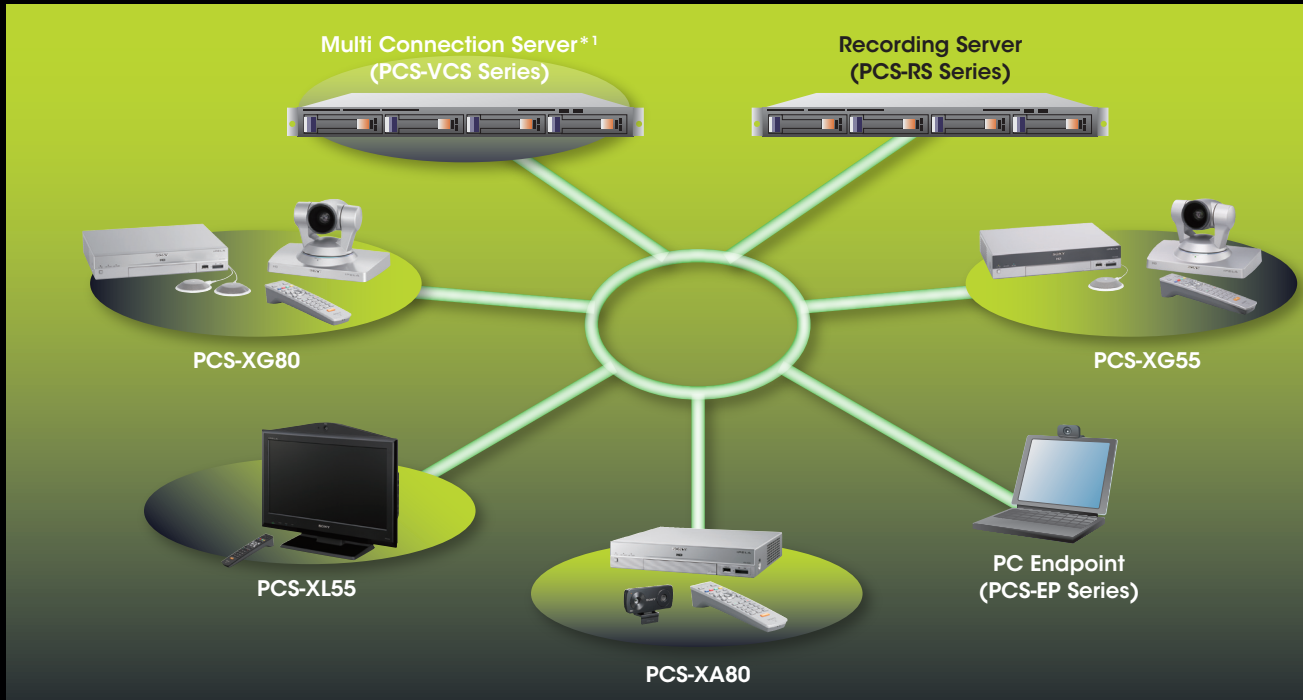
PCS-RS Series HD (High Definition) Recording Server Software provides the accessibility and convenience of broadband IP network recording in visual communication environments.

Recording servers using PCS-RS Series software can record PC presentations in addition to high-quality video and audio[2][3]. And users can access recordings via an IP network - for example, they can view a recorded videoconference from their network-enabled PC, smartphone, or tablet PC[4].

Key Features

Simultaneous Recording of High-quality Video and PC Presentations

This recording server software enables concurrent recording of HD-quality video (at 720p in the H.264 compression format[5]) and PC presentation data, thanks to an H.239 capability. The screen layout changes automatically on detection of an H.239 presentation data stream.
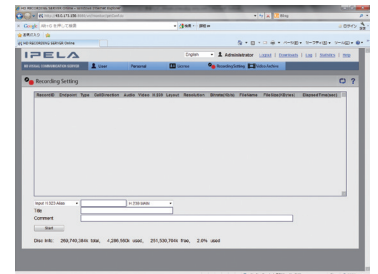
Video

PC
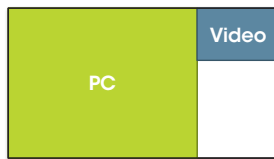
Video + Presentation
(Picture and Picture)

Video

PC

Video + Presentation
(Side by Side)

Easy Set-up and Play from Web Browsers

With this software, it is easy to adjust settings and operate recording servers from a PC web browser.

MPEG4 File Format

The recording file format is MPEG4, which is common in many different applications. This format allows users to play video using MS Windows Media Player®, Apple QuickTime® and other popular application software.

*1 Videoconference recording can be achieved without a PCS-VCS Multi Connection Server; this takes up one connection on the PCS-XG80 or PCS-XA80 visual communication system. Use of the PCS-VCS Series allows full connections, and provides support for third-party endpoints.

*2 Needs server, sold separately. Various software, including the Linux operating system, must be pre-installed.

*3 Third-party endpoint connection is not supported. For connection, please use Sony's PCS-VCS Series.

*4 Additional software may be required on smartphones and tablet PCs. Some products may be incompatible. For details, please contact your nearest Sony office or authorized dealer.

*5 When communication is established in H.263 or H.261 format, only audio recording is supported (video is not recorded in the server).

IPELA™

Specifications

PCS-RS Series

Communication protocol	ITU-T H.323
Video codec	H.264 (Video, Data), H.263+ (Data)
Video resolutions	720p
Data format	H.239
Audio codec	MPEG4-AAC, G.722
Bandwidth	2Mbps (default)
Frame rate	25fps (default)
Recording format	MPEG4
Player	Microsoft Windows Media, Apple QuickTime
Max. recording time	1,000 hours (720p at 2Mbps)
HDD capacity	1TB
Management	Embedded Web server
Security	Administrator password, user password
Auto file copy	Yes (default No)
Language	English, Japanese
Max. recording time in one file	8 hours (default)
Max. number of WEB access	50
QoS	ARQ (Auto Repeat reQuest)

Server Specifications Requirements

Operating System	Red Hat Enterprise Linux v5 64bit
	Red Hat Enterprise Linux v6 64bit
	CentOS v5
	CentOS v6
Hardware Recommendation	
For 5 simultaneous sessions	For 5 simultaneous sessions
CPU	Intel Xeon E5620 2CPU
Memory	12Gbyte
HDD capacity	1TB for 1,000 hours with 720p
For 1 simultaneous session	For 1 simultaneous session
CPU	Intel Xeon E3-1220 1CPU
Memory	4Gbyte
HDD capacity	1TB for 1,000 hours with 720p

PC Systems Requirements

Operating system	Windows XP, Windows Vista, Windows 7
Media player	Windows XP, Windows Vista: QuickTime Player 7
	Windows 7: Windows Media Player 12
Web browser	Internet Explorer 7.0/8.0/9.0

Package Configuration

Max number of simultaneous sessions	Model Name	
	Server Software	Support Pack*
1	PCS-RS1	PCS-RS1SP
5	PCS-RS5	PCS-RS5SP

* "Support Pack" is an after-sales service package.
  For details, please contact your nearest Sony office or authorized dealer.

Recommended HD Video Conferencing Systems

PCS-XG80

PCS-XG55

PCS-XL55

PCS-XA80

PCS-XA55

PCS-VCS Series

PCS-EP Series