



Ehangcom iSX4000 Universal Application Platform

Getting Start

Version 2.0.7

Revision History

	Date	Change
VER 2.0	2007-1-11	Created this document
VER 2.0.1	2007-9-25	Added "System Introduction" in the document
VER 2.0.2	2008-11-5	Added the documents <i>IPM User Manual</i> and <i>ANALOG User Manual</i>
VER 2.0.3	2009-4-28	Added the documents <i>HugeCap User Manual</i> , <i>HugeCapCfger User Manual</i> and <i>ErrorLookup User Manual</i>
VER 2.0.4	2009-8-27	Added the documents <i>EhangView User Manual</i>
VER 2.0.5	2009-10-12	Added the documents <i>M3GC User Manual</i>
VER 2.0.6	2010-3-9	Amended some textual errors in the document
VER 2.0.7	2010-3-10	Added the <i>iSX1000 Hardware Installation and Maintenance Manual</i>

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About This Manual

Welcome to this document. It describes the documents included in this system. The software-related purpose, intended audience, document description and relevant information are as follows:

Purpose

This manual describes the documents included in this system.

Intended Audience

1. Distributors
2. System Integrators
3. Toolkit Developers
4. Independent Software Vendors(ISVs)
5. Value Added Resellers(VARs)
6. Original Equipment Manufactures(OEMs)
7. Maintainers

How to Use This Manual

This manual is concomitant with the software installation. This document mainly includes the following sections:

1. *Document Description*: This section describes the document table of contents and the document contents.
2. *Video Description*: This section describes the video table of contents and the video contents.
3. *Category of Intended Audience*: This section describes the category of documents and video for various intended audience.

Relevant Information

For relevant information of this manual, refer to the following documents:

1. *ISX4000 OAM User Manual*
2. *ISX4000 PRD User Manual*
3. *ISX4000 CallSim User Manual*

1 Document Description

S/N	Category	Document Name	File Name and Document Introduction
1	Guide for getting start	Getting Start	File name: <i>iSX4000 Getting Start(en).pdf</i> Document list and document introduction of this system.
2	System introduction	System Introduction	File name: <i>iSX4000 System Introduction(en).pdf</i> Document on overall description of the system. This document describes contents such as the system architecture, interface standard and performance parameters of this system so that users have a preliminary understanding of the system hardware, software and other components.
		Integrated Signal Capture Platform Introduction	File name: <i>iSX4000 Integrated Signal Capture Platform Introduction (en).pdf</i> Document of the integrated signal capture platform that based on the ISX4000 platform.
3	Software release history	isx_4k_history	File name: <i>isx_4k_history.txt</i> Release history record of system software package.
4	Hardware manual	Hardware Products Datasheet	File name: <i>iSX4000 Hardware Products Datasheet(en). pdf</i> System hardware specification description.
		iSX4000 Hardware Installation and Maintenance Guide	File name: <i>iSX4000 Hardware Installation and Maintenance Guide(en). pdf</i> iSX4000 system hardware installation and maintenance manual.
		iSX1000 Hardware Installation and Maintenance Guide	File name: <i>iSX1000 Hardware Installation and Maintenance Guide(en).pdf</i> iSX1000 system hardware installation and maintenance manual
5	Software installation manual	Software installation Manual	File name: <i>iSX4000 Software installation Manual(en).pdf</i> Installation operation instruction of system software package.

6	Software user manual	OAM User Manual	File name: <i>iSX4000 OAM User Manual(en).pdf</i> Management software OAM user manual.
		MC User Manual	File name: <i>iSX4000 MC User Manual(en).pdf</i> MC software user manual.
		PRD User Manual	File name: <i>iSX4000 PRD User Manual(en).pdf</i> PRD software user manual.
		SMCap User Manual	File name: <i>iSX4000 SMCap User Manual(en).pdf</i> Signaling message capture software SMCap user manual.
		CallSim User Manual	File name: <i>iSX4000 CallSim User Manual(en).pdf</i> Calling simulate software CallSim user manual.
		SDK Programming Guide	File name: <i>iSX4000 SDK Programming Guide(en).pdf</i> SDK programming guide of iSX universal application platform.
		HugeCap User Manual	File name: <i>iSX4000HugeCap User Manual(en).pdf</i> HugeCap software user manual.
		HugeCapCfger User Manual	File name: <i>iSX4000 HugeCapCfger User Manual(en).pdf</i> HugeCapCfger software user manual.
		ErrorLookup User Manual	File name: <i>iSX4000 ErrorLookup User Manual(en).pdf</i> ErrorLookup software user manual.
		EhangView User Manual	File name: <i>iSX4000 EhangView User Manual(en).pdf</i> User manual for universal network management system software EhangView and iSX-snmpd
		M3GC User Manual	File name: <i>iSX4000 M3GC User Manual(en).pdf</i> User manual for M3G board control software M3GC
7	Programming manual	SRL User Manual	File name: <i>iSX4000 SRL User Manual(en).pdf</i> SDK SRL function reference manual that mainly includes functions for initialization,

			event management, error information obtaining, etc.
		DTI User Manual	File name: <i>iSX4000 DTI User Manual(en).pdf</i> SDK DTI function reference manual that mainly includes the operation related to the digital trunk interface functions: DTI channel switching
		VOICE User Manual	File name: <i>iSX4000 VOICE User Manual(en).pdf</i> SDK Voice function reference manual that mainly includes operations related to DSP daughter boards (such as DSP-MF-128 and DSP-MF-256): switching, recording, playback, volume adjustment, conference, echo cancellation, DTMF detection, etc.
		Global Call User Manual	File name: <i>iSX4000 Global Call User Manual(en).pdf</i> SDK Global Call function reference manual that mainly includes functions related to calls (including signaling such as ISDN-PRI and SS7): incoming call, outgoing call, off-hook and on-hook functions.
		OAM SDK User Manual	File name: <i>OAM SDK User Manual(en).pdf</i> Function reference manual for operations, administration and maintenance SDK (hereinafter referred to as OAM SDK)
		PRD SDK User Manual	File name: <i>PRD SDK User Manual(en).pdf</i> Function reference manual for streaming recording and playback SDK (hereinafter referred to as PRD SDK)
		Difference Between SDK and Dialogic API	File name: <i>Difference Between iSX4000 SDK and Dialogic API. pdf</i> Common points of and difference between the SDK and Dialogic API provided in this system
		ISXOCX User Manual	ISXOCX control programming manual
		IPM User Manual	File name: <i>iSX4000 IPM User Manual(en).pdf</i> SDK IPM function reference manual. API in this part provides control functions on VoIP trunk interfaces (i.e. VoIP gateway daughter boards) so that users perform functions such as establishing and closing a RTP port.
		ANALOG User Manual	File name: <i>iSX4000 ANALOG User Manual(en).pdf</i>

			SDK Analog function reference manual. API in this part provides control functions on analog line interfaces.
		FAX User Manual	File name: <i>iSX4000 FAX User Manual(en).pdf</i> SDK FAX function reference manual. API in this part provides control functions on FAX interfaces.
		M3G User Manual	File name: <i>iSX4000 M3G User Manual(en).pdf</i> SDK M3g function reference manual. API in this part provides control functions on video/H324M interfaces.
8	FAQ	Routine Maintenance FAQ	File name: <i>iSX4000 Maintenance FAQ(en).pdf</i> Hardware and software FAQ related to routine maintenance of the system.
		Programming FAQ	File name: <i>iSX4000 Programming FAQ(en).pdf</i> SDK programming FAQ. Note: Unreleased.
		Signal Configuration and Diagnosis Manual	File name: <i>iSX4000 Signal Configuration and Diagnosis Manual(en).pdf</i> Signal health status diagnosis FAQ.

2 Video Description

S/N	Category	Video Name	Video Introduction
1	Beginner's Guide	Beginner's Guide	Introductory video for beginners who do not understand ISX4000. Main contents: Presenting the hardware installation and software operation process of demo program for making a call and listening a song by using ISX4000 and voice access system so that beginners have a visual understanding of this system.

3 Category of Intended Audience

S/N	Intended Audience	Document/Video Name
1	Beginners	Getting Start
		System Introduction
		Beginner's Guide video
2	Installers and maintainers	isx_4k_history
		Getting Start
		System Introduction
		Hardware Product DataSheet
		iSX4000 Hardware Installation and Maintenance Manual
		iSX1000 Hardware Installation and Maintenance Manual
		Software Installing Manual
		OAM User Manual
		MC User Manual
		PRD User Manual
		Routine Maintenance FAQ
		《信令配置和问题诊断手册》 Signal Configuration and Diagnosis Manual
		HugeCap User Manual
		HugeCapCfger User Manual
		ErrorLookup User Manual
		EhangView User Manual
		M3GC User Manual
3	Developers	isx_4k_history
		Getting Start
		System Introduction
		Software Installing Manual
		OAM User Manual
		MC User Manual
		PRD User Manual
		SMCap User Manual
		CallSim User Manual
		SDK Programming Guide
		SRL User Manual
		DTI User Manual
		VOICE User Manual
		Global Call User Manual
		OAM SDK User Manual
		PRD SDK User Manual
		Difference Between SDK and Dialogic API
		Routine Maintenance FAQ
		Programming FAQ
《信令配置和问题诊断手册》 Signal Configuration and Diagnosis Manual		

		ISXOCX User Manual
		IPM User Manual
		ANLOG User Manual
		HugeCap User Manual
		HugeCapCfger User Manual
		ErrorLookup User Manual
		EhangView User Manual
		M3GC User Manual
		M3G User Manual
4	Marketers and Salls	Getting Start
		System Introduction
		《综合信令采集平台》 Integrated Signaling Collection Platform
		Hardware Product DataSheet