

General: SwyxWare Server Outbound

Classification	Protocol	Type	Ports (source)	Configurable via
Configuration (CDS)		TCP	Any to 9094 / for SDC: Any to 9095	
CallControl SwyxIt!	SIP	UDP + TCP	5070 - 5170 to 9094 / for SDC: 5070-5170 to 9095	
Audio SwyxIt!	RTP	UDP	50000 - 50999	
CallControl DECT xxx	SIP	UDP + TCP	5060	
Audio DECT 500	RTP	UDP	50004 - 50044	
Audio DECT 700	RTP	UDP	5004 - 6922	
Audio DECT 800	RTP	UDP	16384 - 65535	
CallControl, Mediapack, SwyxConnect, CallControl, SwyxPhones	SIP	UDP + TCP	5060, 5061	
Audio SwyxPhones	RTP	UDP	5000 - 5020	
Master/Standby	KeepAlive	TCP	65010	Registry: StandbyPort
IntersitePresence (CDS)		TCP	9093	

General: SwyxWare Server Inbound

Classification	Protocol	Type	Ports (target)	Configurable via
CallControl inbound	SIP	UDP+TCP	5060	
(SwyxIt!, DECT, SwyxConnect, Mobile Clients)				
Audio Inbound	RTP	UDP	51000 - 51499	Registry: RTPLastPort, RTPLastPort
Master/Standby	KeepAlive	TCP	65010	Registry: StandbyPort
IntersitePresence (CDS)		TCP	9093	

CDS Inbound (listening)

Classification	Protocol	Type	Port	Configurable via
CDS API (configuration)	WCF	TCP	9094 / for SDC: 9095	
Client REST API (full)	HTTP	TCP	9100	
Client REST API (authentication service only)	HTTP	TCP	9101	
Provisioning	HTTP	TCP	9200	

SwyxGate

Classification	Protocol	Type	Port (source)	Configurable via
Configuration (CDS)		TCP	Any to 9094 /for SDC Any to 9095	
CallControl	SIP	TCP	5064	Registry: LowerBoundSipPort, UpperBoundSipPort
Audio/Fax	RTP + T.38	UDP	52000 - 52499	

LinkManager

Classification	Protocol	Type	Port (source)	Configurable via
Configuration (CDS)		TCP	Any to 9094 / for SDC Any to 9095	
CallControl (local EP)	SIP	UDP + TCP	65001	Registry: TcpPortOfLocalSipEndpoint
CallControl (remote EP)	SIP	UDP + TCP	65002	Registry: TcpPortOfRemoteSipEndpoint
Audio/Fax	RTP	UDP	55000 – 56000	Registry: LowerBoundMediaPortUdp, UpperBoundMediaPortUdp

STUN

Classification	Protocol	Type	Port (source)	Port target (Provider)	Configurable via
CallControl	STUN Message	UDP + TCP	65002	3478	Registry: TcpPortOfRemoteSipEndpoint
CallControl	SIP	UDP	65002	5060	Registry: TcpPortOfRemoteSipEndpoint
Audio	RTP	UDP	55000 – 56000	Unspecified	Registry: LowerBoundMediaPortUdp, UpperBoundMediaPortUdp

Conference Manager Outbound

Classification	Protocol	Type	Port (source)	Port (target)	Configurable via
Configuration (CDS)		TCP	Any	IpPbxSrv IP 9094 / for SDC to 9095	
Standby Srv. outbound	SIP	TCP	Any	MasterSS / StandbySS 65010	
CallControl outbound	SIP	TCP	Any	IpPbxSrv IP:5060	Registry: LowerBoundSipPort, UpperBoundSipPort
Audio Outbound	RTP	UDP	56000 - 57000	Unspecified	Registry: LowerBoundMediaPortUdp, UpperBoundMediaPortUdp

Conference Manager Inbound

Classification	Protocol	Type	Port (source)	Port (target)	Configurable via
Configuration (CDS)		TCP	IpPbxSrv IP 9094 / for SDC 9095	ConferenceMgr: answer - Port	
CallControl Inbound	SIP	TCP	IpPbxSrv: unbestimmt	ConferenceMgr: 5062	
Audio Inbound	RTP	UDP	Absender IP, Any	ConferenceMgr 56000 - 57000	

Phone Manager Outbound

Classification	Protocol	Type	Port (source)	Configurable via
Configuration (CDS)		TCP	Any to 9094 / for SDC Any to 9095	
Configuration (DLS)		TCP	18443	

Phone Manager Inbound

Classification	Protocol	Type	Port (target)	Configurable via
CallControl	CorNet TC	TCP, TLS	4060, 4061	
CallControl	H.323	TCP, TLS	1300, 1720, 1721	
CallControl	SIP	UDP + TCP	65007	Registry: SipCallSignalingPort
Konfiguration	DLS	TCP	18443	

FaxServer Outbound

Classification	Protocol	Type	Port	Configurable via
Configuration (CDS)		TCP	Any to 9094 / for SDC: Any to 9095	
CallControl	SIP	TCP	61000	Registry: LowerBoundSipPort, UpperBoundSipPort
Fax: Mediapack	RTP + T.38	UDP	6000 - 6240	
Fax: SwyxConnect	RTP + T.38	UDP	6000 - 6600	

FaxServer Inbound

Classification	Protocol	Type	Port	Configurable via
Mediapack	RTP + T.38	UDP	2000 - 8000	
SwyxConnect	RTP + T.38	UDP	2000 - 8000	

FaxServer Printer Gateway

Classification	Protocol	Type	Port	Configurable via
Configuration (CDS)		TCP	Any to 9094 / for SDC: Any to 9095	

MobileExtensionManager

Classification	Protocol	Type	Port	Configurable via
Configuration (CDS)		TCP	Any to 9094 / for SDC: Any to 9095	
CallControl	SIP	UDP + TCP	5070 - 5170	Registry: SipListenerPort
Audio	RTP	UDP	50000 - 50999	Registry: PortrangeBegin, PortrangeEnd

PushNotificationService (Inbound)

Classification	Protocol	Type	Port (Ziel)	Configurable via
CallControl	SIP	TCP	5096	Registry: BindPort

PushNotificationService (Outbound)

Classification	Protocol	Type	Port (Ziel)	Configurable via
Push Notification Gateways (Google + Apple)	http/2	TLS	443	

Remote Connector

Classification	Protocol	Type	Port	Configurable via
Configuration (CDS)		TCP	Any to 9094 / for SDC: Any to 9095	
CallControl	SIP	UDP + TCP	10000 - 15000	
Audio	RTP	UDP	15000 - max (Typical number of connections * 2)	
„Tunnel“		TLS	16203, 57203	Registry: TunnelListeningPorts
„TCP Forwarding“		TCP	Unspecified	Registry: TcpForwardingPorts

SwyxCTI+

Classification	Protocol	Type	Port	Configurable via
Configuration (CDS)		TCP	Any to 9094 / for SDC: Any to 9095	
CallControl	SIP	UDP + TCP	65009	Registry: SipCallSignalingPort
Audio	RTP	UDP	60000 – 60100	

Swyx uaCSTA

Classification	Protocol	Type	Port (source)	Configurable via
Signaling	SIP	UDP + TCP	65012	

SwyxIt! / FaxClient

Classification	Protocol	Type	Port	Configurable via
Configuration (CDS)		TCP	Any to 9094 / for SDC: Any to 9095	
CallControl	SIP	UDP + TCP	5070 - 5170	Registry: SIPListenerPort
Audio/Video	RTP	UDP	50000 - 50999	Registry: PortrangeBegin, PortrangeEnd
VisualContacts	LDAP	TCP + UDP	Any to 712	

SwyxWare Administration

Classification	Protocol	Type	Port	Configurable via
Configuration (CDS)		TCP	Any to 9094 / for SDC: Any to 9095	
FW-Check	FTP	TCP	Unspecified	

SwyxPhone L4xx; L5xx; L6xx; L6x

Classification	Protocol	Type	Port	Configurable via
CallControl	CorNet	TCP, TLS	4060, 4061	
CallControl	H.323/H.225	TCP, TLS	1300, 1720, 1721	
Configuration	HTTP	TCP, TLS	8085	
Audio	RTP	UDP	5000 - 5020 (mostly 5012, 5013)	
FW-Update	FTP	TCP	Any to 21	
Network Time	NTP	UDP	unspecified to 123	

SwyxPhone S315

Classification	Protocol	Type	Port	Configurable via
CallControl	SIP	UDP + TCP	5060	WebInterface
Audio	RTP	UDP	5000 - 5009, 5060	WebInterface

Swyx DECT 500

Classification	Protocol	Type	Port	Configurable via
CallControl	SIP	UDP + TCP	5060	WebInterface
Audio	RTP	UDP	50004 - 50044	WebInterface

Swyx DECT 800

Classification	Protocol	Type	Port	Configurable via
CallControl	H.323/RAS/SIP	UDP	2048 - 65535	
CallControl	H.323/H.225/SIP	TCP	2048 - 65535	
Audio	RTP	UDP	16384 - 32767	WebInterface

Swyx Connect (172x)

Classification	Protocol	Type	Port	Configurable via
CallControl	SIP	UDP + TCP	5060	
Audio/Fax/Allgemein	RTP + T.38	UDP	32768 - 49151	
Allgemein		TCP	3072 - 19455	
Maskierung		UDP + TCP	53248 - 57343	

Swyx Connect (6xxx/8xxx)

Classification	Protocol	Type	Port	Configurable via
CallControl	SIP	UDP + TCP	5060, 5061, 5080, 5081	
Audio/Fax/Allgemein	RTP + T.38	UDP	6000 – (6000+(channels*10))	

MediaPack (MP-1xy)

Classification	Protocol	Type	Port	Configurable via
CallControl	SIP	UDP + TCP	5060, 5061	LocalSIPPort,
Audio/Fax/Allgemein	RTP + T.38	UDP	6000 - (6000+10*(device channels))	BaseUDPPort

SwyxPlus VisualGroups

Classification	Protocol	Type	Port	Configurable via
Information	HTTP	TCP	80	

Swyx Control Center

Classification	Protocol	Type	Port	Configurable via
Administration	HTTPS	TCP	9443	SCC Installer / IIS
Swyx Management Service	HTTPS	TCP	9201	config-file