

Cirries MessagePoint is the most comprehensive solution for mediation and interworking of telecom and data protocols.

- Captures, filters and interconnects any signaling protocol
- Captures signaling data in any format from any network
- Filters and converts to a common protocol
- Interconnects any application to any subscribers on existing or new networks
- Enables new revenue opportunities
- Allows extension of existing applications across different networks
- Allow migration across different generations of network technology
- Deploy applications more rapidly

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MessagePoint is the solution to enable new technology for communication service providers. Ongoing evolution of service provider networks and accelerated subscriber demand for network connectivity has operators looking for cost effective ways to extend legacy services while offering all subscribers the advanced services supported by new network technologies. And all is expected with minimal disruption to established business practices.

Delivering services in today's hybrid networks requires rapid adaptation and the ability to combine network usage awareness with a means to orchestrate service control, service logic and subscriber state across multiple network architectures and technology generations. Cirries MessagePoint meets these requirements by interworking and orchestrating protocols across any network to enable any application for service convergence, service brokering, service migration and IOT.

Cirries MessagePoint is a carrier grade, real-time, high-speed, low-latency platform that processes signaling to extend services across different networks, enable subscriber migration across network generations, and to provide intelligence about network operation.

## FEATURES

### Service Convergence

Interworks protocols in hybrid networks to enable a single service (e.g., billing, PCRF, VPN) to be used by all subscribers.

### Service Orchestration

New service functionality, including triggers, can be added to legacy services effectively delivering innovative new services.

### Service Migration

Interworks legacy network protocols and next-gen network protocols to enable legacy services to be deployed in newer, more advanced networks, and vice versa.

### LTE Interworking and Roaming

Delivers seamless interworking of 2G/3G and 4G LTE protocols enabling roaming for subscribers throughout hybrid networks.

### IOT/M2M Interworking

Enables access independent IOT services by interworking protocols between 2G/3G and 4G networks.

Cirries MessagePoint supports a broad range of telecom, data, IP and Web protocols including SOAP and SQL interfaces into IT and SOA environments, to provide a unified service layer across wireless, wire-line, broadband or IP networks. A built-in Service Broker function provides the interaction required whenever several services must be invoked for a single session/call establishment (e.g., location, rating, charging).

MessagePoint is based on the Cirries' Maestro architecture and incorporates all of the flexibility, high performance, low latency and real-time capabilities inherent in the Maestro platform. It is a software solution designed to operate on commercial off-the-shelf servers that support Linux. Cirries offers both software-only licenses as well as bundled hardware/software options.

PROTOCOLS					
SS7		IP			Web
MOBILE		DIAMETER			WEB SERVICES
CAP	WIN	<b>Credit Control</b>	RFC4006	<b>Devices</b>	S13, S13'
GSM MAP	IS41 MAP	<b>Charging</b>	Ro, Rf, Gy, Gz	<b>Policy</b>	Rx, Gx, Gxx, S9
WIRESLINE		<b>Subscribers</b>	Sh, S6a, S6d	<b>Authorization</b>	RFC2865
ITU INAP	Telecordia AIN	<b>Accounting</b>	RFC2866	<b>Authorization</b>	RFC2865
ANSI ISUP	ITU ISUP	SIP			BPEL
TRANSPORT		<b>VoIP</b>	RFC3261	<b>IMS</b>	ISC
TCAP, SCCP	MTP 1, 2, 3	OTHERS			TCP/UDP
		SMPP			
<b>Vendor and country specific variants supported</b>					

MessagePoint Reference Server Configurations			
FEATURE	MessagePoint-100	MessagePoint-200	MessagePoint-300
<b>SS7 Capacity (Messages per sec)</b>	1K	5K	10K
<b>IP Capacity (Messages per sec)</b>	5K	25K	50K
<b>Server</b>	1U Intel Xeon Es-2600	1U Intel Xeon Es-2600	1U Intel Xeon Es-2600
<b>Processor</b>	1xCPU (6-core)	1xCPU (8-core)	1xCPU (8-core)
<b>Memory</b>	16G	16G	16G
<b>Storage (SFF)</b>	2x600GB (RAID 1) 2x900GB (RAID 1)	2x600GB (RAID 1) 2x900GB (RAID 1)	2x600GB (RAID 1) 2x900GB (RAID 1)
<b>Ethernet Interfaces for IP</b>	8x1Gbps	8x1Gbps	8x1Gbps
<b>Power</b>	AC or DC	AC or DC	AC or DC
<b>Operating System</b>	Linux	Linux	Linux

## About Cirries

Cirries Technologies software empowers network operators and companies in the network visibility, fault isolation, performance and security industries. Cirries' products can digest data from multiple sources and reduce it to the right format for real-time notification, storage or application use to reveal real-time performance and security of any network. Cirries' software is highly scalable and easily deployed on COTS hardware, virtual machines or in the cloud.