Research Report M-510-14 February 2014



Report No: M-510-14 February 2014

Bishop and Associates has just released the 2014 *World Telecom Market for Connectors* research report. This comprehensive nine-chapter, 312-page report analyzes the telecom market, providing detailed information on the telecom market by geographic region of the world, connector type consumption, and telecom market segment. Telecom market segments covered in this report include:

- Enterprise Network Equipment
- Wireless Network Equipment
- Wireless Subscriber Equipment
- Wire-line Carrier Network Equipment
- Cable/MSO Equipment
- Other Telecom Equipment

For each market segment, the strategic implications of economics, competition, industry consolidation, convergence and technology advances are examined with respect to their impact on both the evolving architectures and corresponding evolution of the equipment design.

#### **World Telecom Market**

The drivers for connector sales into the telecom market are largely based on consumer behavior – consumers of Internet connectivity, data centers and wireless applications. Today, everyone wants to be connected all the time, whether it is for work or leisure. As a consequence, this connection is becoming increasingly a wireless one.

According to a recent study by the US National Health Information Survey (NHIS) conducted by the Centers for Disease Control (CDC), more than 30-percent of all US households no longer have landlines. In addition, several studies have shown that nearly 90-percent of US adults now own cell phones. And, as generation Z (those born in the early 2000s) matures, this statistic will only increase.

In China, the fastest growing mobile market, the percentage of mobile-phone-only households is even higher – close to 50%. In fact, the number of mobile lines sold in China surpassed landlines nearly 10 years ago – in 2004. In 2012, more than 1.1-billion people in China had mobile phones and almost a quarter of them were Smartphones, according to data released by the Chinese Ministry of Industry and Information Technology. And, its mobile phone industry brought in more than \$1.3-trillion in revenue – half of which came from outside of China.

These facts not only fuel the growth in the wireless sector itself, but puts many demands on the wireline networks and data centers that support it. For instance, when a consumer (business or leisure) wants to upload a picture taken on a trip to Facebook or LinkedIn the following steps need to take place:

- 1. Travels through the wireless fronthaul and backhaul networks
- 2. Travels through the wire-line network
- 3. Into the over-the-top (OTT) service provider's (Facebook or LinkedIn) network and data center
- 4. Gets replicated to other data centers throughout the world
- 5. Gets posted to the consumers account

The ripple effect is apparent. All networks are impacted. So it's no surprise that the fastest growing equipment sectors within the telecom market are data communications equipment within the enterprise segment, mobile backhaul within the wire-line carrier equipment segment and Smartphones within the wireless subscriber equipment segment.

Data communications within and between data centers is a specific growth area. This means Ethernet. The bright spots for the Ethernet market over the next five years are with 10G and beyond products and copper giving way to fiber for longer distances, both in the data center and the local area network (LAN.) Though copper still rules for lengths shorter than about 50m, since 40G and 100G are starting to take hold, this distance will shorten to within a rack of equipment. So long-term opportunities for connector companies lie in short-reach copper and optical products going forward.

The telecom connector market rebounded in 2013 and is expected to grow with an overall five-year CAGR of 7.9%.

## Telecom/Datacom Connector Sales By Equipment Sector 2013 through 2018F

Equipment Category	2013	2014	2015	2016	2017	2018	5 Year CAGR
Enterprise	\$X,XXX.X	\$X,XXX.X	\$X,XXX.X	\$X,XXX.X	\$X,XXX.X	\$X,XXX.X	Y.Y%
Wireless Infrastructure	\$X,XXX.X	\$X,XXX.X	\$X,XXX.X	\$X,XXX.X	\$X,XXX.X	\$X,XXX.X	Y.Y%
Wireless Subscriber	\$X,XXX.X	\$X,XXX.X	\$X,XXX.X	\$X,XXX.X	\$X,XXX.X	\$X,XXX.X	Y.Y%
Wireline Carrier	\$XXX.X	\$XXX.X	\$XXX.X	\$XXX.X	\$XXX.X	\$X,XXX.X	Y.Y%
Cable/MSO	\$XXX.X	\$XXX.X	\$XXX.X	\$XXX.X	\$XXX.X	\$X,XXX.X	Y.Y%
Other	\$XXX.X	\$XXX.X	\$XXX.X	\$XXX.X	\$XXX.X	\$XXX.X	Y.Y%
Total	\$X,XXX.X	\$XX,XXX.X	\$XX,XXX.X	\$XX,XXX.X	\$XX,XXX.X	\$XX,XXX.X	7.9%

\$ Millions

The following table of contents shows the detail provided in this new report.

#### **Table of Contents**

#### Chapter 1 - Introduction

Scope

Plan of Report

Methodology and Information Sources

#### Chapter 2 - Telecom Definitions

**Equipment Detail by Segment** 

**Enterprise Network Equipment** 

Wireless Network Equipment

Wireless Subscriber Equipment

Wireless Infrastructure Equipment

Wire-line Network Equipment

Cable/MSO Network Equipment

Other Network Equipment

Alphabetical List of Telecommunications Equipment

Regions of the World

#### Chapter 3 -Executive Summary

Figure 1: US Households without Landline Telephones

Telecom/Datacom Connector Sales 2013 - 2018F

Telecom/Datacom Connector Sales by Equipment Sector 2013 through 2018F

Telecom/Datacom Connector Sales by Equipment Sector 2013 and 2018

Equipment Category Market Share by Region 2013 through 2018F Year-Over-Year Change by Equipment Sector

Year-Over-Year Percentage Growth by Equipment Type 2014F through

Telecom/Datacom Connector Sales by Connector Type 2013 through 2018F

Telecom/Datacom Connector Sales, Connector Type 2013 Market

Telecom/Datacom Connector Sales, Connector Type 2018F Market

2013 and 2018 Telecom Market Connector by Connector Type 2013 Through 2018F Telecom Market by Region with 5-Year CAGR 2013 Through 2018 Telecom Market Share by Region

#### Chapter 4 - Enterprise Network Equipment

Market Overview

Enterprise Network Equipment Connector Sales 2014F to 2018F Enterprise Network Equipment Connector Sales by Region of the World

Enterprise Network Equipment Connector Sales, 2013 to 2018 Comparison by Region of the World

Enterprise Network Equipment Connector Sales, Share of Market by Region of the World

**Enterprise Equipment Overview** 

Enterprise Network Equipment Connector Sales by Equipment Category

Enterprise Network Equipment Connector Sales2013 through 2018F for Legacy Equipment

Enterprise Network Equipment Connector Sales 2013 through 2018F for Current Equipment

#### Chapter 4 – Enterprise Network Equipment (cont.)

2013 and 2018 Connector Sales by Enterprise Network Equipment Category

Connector Type Value Overview

2013 and 2018 Connector Sales by Connector Type

Connector Detail by Equipment Type

Private Branch Exchange (PBX)

PBX Equipment Connector Sales by Connector Type 2013 through 2018F

PBX Equipment Connector Sales, 2013 to 201F8 Comparison by Connector Type

Key Systems Units (KSU)

KSU Equipment Connector Sales by Connector Type 2013 through 2018F

KSU Equipment Connector Sales, 2013 to 2018F Comparison by Connector Type

Computer Telephony Integration (CTI)

CTI Equipment Connector Sales by Connector Type 2013 through 2018F

CTI Equipment Connector Sales, 2013 to 2018F Comparison by Connector Type

Other Legacy Voice Equipment

Other Legacy Voice Equipment Connector Sales by Connector Type 2013 through 2018F

Other Legacy Voice Equipment Connector Sales, 2013 to 2018F Comparison by Connector Type

**Digital Phones** 

Digital Phone Equipment Connector Sales by Connector Type 2013 through 2018F

Digital Phone Equipment Connector Sales, 2013 to 2018F Comparison by Connector Type

**IP Phones** 

IP Phone Equipment Connector Sales by Connector Type 2013 through 2018F

IP Phone Equipment Connector Sales, 2013 to 2018F Comparison by Connector Type

**IP Communications Server** 

IP Communications Server Equipment Connector Sales by Connector Type 2013 through 2018F

IP Communications Server Equipment Connector Sales, 2013 to 2018F Comparison by Connector Type

IP Gateways

IP Gateway Equipment Connector Sales by Connector Type 2013 through 2018F

IP Gateway Equipment Connector Sales, 2013 to 2018F Comparison by Connector Type

Wireless Gateway

Wireless Gateway Equipment Connector Sales by Connector Type 2013 through 2018F

Wireless Gateway Equipment Connector Sales, 2013 to 2018F Comparison by Connector Type

Modems, Broadband/DSL

Broadband/DSL Modem Equipment Connector Sales by Connector Type 2013 through 2018F

Broadband/DSL Modem Equipment Connector Sales, 2013 to 2018F Comparison by Connector Type

#### Chapter 4 – Enterprise Network Equipment (cont.)

Frame Relay/x.25

Frame Relay Equipment Connector Sales by Connector Type 2013 through 2018F

Frame Relay Equipment Connector Sales, 2013 to 2018F Comparison by Connector Type

**ATM Switches** 

ATM Switch Equipment Connector Sales by Connector Type 2013 through 2018F

ATM Switch Equipment Connector Sales, 2013 to 2018F Comparison by Connector Type

10/100 Mbps Switches

10/100 Mbps Switch Equipment Connector Sales by Connector Type 2013 through 2018F

10/100 Mbps Switch Equipment Connector Sales, 2013 to 201F8 Comparison by Connector Type

**GbE Switches** 

GbE Switch Equipment Connector Sales by Connector Type 2013 through 2018F

GbE Switch Equipment Connector Sales, 2013 to 201F Comparison by Connector Type

**SAN Switches** 

SAN Switch Equipment Connector Sales by Connector Type 2013 through 2018F

SAN Switch Equipment Connector Sales, 2013 to 2018F Comparison by Connector Type

**Access Concentrators** 

Access Concentrators Equipment Connector Sales by Connector Type 2013 through 2018F

Access Concentrators Equipment Connector Sales, 2013 to 2018F Comparison by Connector Type

**Enterprise Routers** 

Enterprise Routers Equipment Connector Sales by Connector Type 2013 through 2018F

Enterprise Routers Equipment Connector Sales, 2013 to 2018F Comparison by Connector Type

Adapters/Converters

Adapters/Converters Equipment Connector Sales by Connector Type 2013 through 2018F

Adapters/Converters Equipment Connector Sales, 2013 to 2018F Comparison by Connector Type

**Premises Wiring Apparatus** 

Premise Wiring Equipment Connector Sales by Connector Type 2013 through 2018F

Premise Wiring Equipment Connector Sales, 2013 to 2018F Comparison by Connector Type

Other Enterprise

Other Enterprise Equipment Connector Sales by Connector Type 2013 through 2018F

Other Enterprise Equipment Connector Sales, 2013 to 2018F Comparison by Connector Type

#### Chapter 5 – Wireless Infrastructure Equipment

**Market Overview** 

**Evolved Packet Core** 

Wireless Infrastructure Equipment Connector Sales 2014 to 2018F Wireless Infrastructure Equipment Percentage of Connector Sales by Region of the World

Wireless Infrastructure Equipment Connector Sales by Region of the World

Wireless Infrastructure Equipment Connector Sales 2013 to 2018F Comparison by Region

Connector Type Perspective

2013 through 2018F Wireless Infrastructure Equipment Connector Sales by Connector Type

Chapter 5 - Wireless Infrastructure Equipment (cont.)

Wireless Infrastructure Equipment Connector Sales, 2013 to 2018F by Connector Type

**Equipment Perspective** 

2013 through 2018F Wireless Infrastructure Equipment Connector Sales by Equipment Category

Wireless Infrastructure Equipment Connector Sales 2013 to 2018F Comparison by Equipment

Connector Detail by Equipment Type

**Cell Site Apparatus** 

Cell Site Apparatus Equipment Connector Sales by Connector Type, 2013 through 2018F

Cell Site Apparatus Equipment Connector Sales 2013 to 2018F Comparison by Connector Type

Base Transceiver Station (BTS)/NodeB/eNodeB

BTS/NodeB/eNodeB Equipment Connector Sales by Connector Type, 2013 through 2018F

BTS/NodeB/eNodeB Equipment Connector Sales 2013 to 2018F Comparison by Connector Type

Base Station Controller (BSC)

BSE Equipment Connector Sales by Connector Type, 2013 through 2018F

BSE Equipment Connector Sales 2013 to 2018F Comparison by Connector Type

Class 5 Mobile Switch Center (MSC)

MSC Equipment Connector Sales by Connector Type, 2013 through

MSC Equipment Connector Sales 2013 to 2018F Comparison by Connector Type

IP Switch/Softswitch

IP Softswitch Equipment Connector Sales by Connector Type, 2013 through 2018F

IP Softswitch Equipment Connector Sales 2013 to 2018F Comparison by Connector Type

Radio Network Controllers (RNCs)

RNC Equipment Connector Sales by Connector Type, 2013 through

RNC Equipment Connector Sales 2013 to 2018F Comparison by Connector Type

MSC Transmission

MSC Transmission Equipment Connector Sales by Connector Type, 2013 through 2018F

MSC Transmission Equipment Connector Sales 2013 to 2018F Comparison by Connector Type

MSC Gateways

MSC Gateway Equipment Connector Sales by Connector Type, 2013 through 2018F

MSC Gateway Equipment Connector Sales 2013 to 2018F Comparison by Connector Type

Microwave Antennas

Microwave Antenna Equipment Connector Sales by Connector Type, 2013 through 2018F

Microwave Antenna Equipment Connector Sales 2013 to 2018F Comparison by Connector Type

MW Couplers/Duplexers/Filters

Microwave Couplers Equipment Connector Sales by Connector Type, 2013 through 2018F

Microwave Couplers Equipment Connector Sales 2013 to 2018F Comparison by Connector Type

Microwave Transceivers

Microwave Transceivers Equipment Connector Sales by Connector Type, 2013 through 2018F

Microwave Transceivers Equipment Connector Sales 2013 to 2018F Comparison by Connector Type

#### Chapter 5 - Wireless Infrastructure Equipment (cont.)

Microwave Power

Microwave Power Equipment Connector Sales by Connector Type, 2013 through 2018F

Microwave Power Equipment Connector Sales 2013 to 2018F Comparison by Connector Type

**WLL Base Station Antennas** 

WLL Antenna Equipment Connector Sales by Connector Type, 2013 through 2018F

WLL Antenna Equipment Connector Sales 2013 to 2018F Comparison by Connector Type

**WLL Base Station Transceivers** 

WLL BST Equipment Connector Sales by Connector Type, 2013 through 2018F

WLL BST Equipment Connector Sales 2013 to 2018F Comparison by Connector Type

**WLL Base Station Access** 

WLL Access Equipment Connector Sales by Connector Type, 2013 through 2018F

WLL Access Equipment Connector Sales 2013 to 2018F Comparison by Connector Type

**WLL Residential Transceivers** 

WLL Residential Transceiver Equipment Connector Sales by Connector Type, 2013 through 2018F

WLL Residential Transceiver Equipment Connector Sales 2013 to 2018F Comparison by Connector Type

**WLL Residential Gateways** 

WLL Residential Gateway Equipment Connector Sales by Connector Type, 2013 through 2018F

WLL Residential Gateway Equipment Connector Sales 2013 to 2018F Comparison by Connector Type

Mobility Management Element (MME)/Policy and Charging Rules Function (PCRF)

MME/PCRF Equipment Connector Sales by Connector Type, 2013 through 2018F

MME/PCRF Equipment Connector Sales 2013 to 2018F Comparison by Connector Type

Packet Data Network Gateway (PGW or PDN Gateway)/Serving Gateway (SGW)/Serving GPRS Support Node (SGSN)

PGW/SGW/SGSN Equipment Connector Sales by Connector Type, 2013 through 2018F

PGW/SGW/SGSN Equipment Connector Sales 2013 to 2018F Comparison by Connector Type

Other Wireless

Other Wireless Equipment Connector Sales by Connector Type, 2013 through 2018F

Other Wireless Equipment Connector Sales 2013 to 2018F Comparison by Connector Type

#### Chapter 6 - Wireless Subscriber Equipment

Market Overview

Worldwide Mobile Phone Sales to End Users by Vendor in 3Q13 Worldwide Smartphone Sales to End Users by Vendor in 3Q13 Worldwide Smartphone Sales to End Users by Operating System in 3Q13

**Regional Perspective** 

Wireless Subscriber Equipment Market Connector Sales 2013 to 2018F Wireless Subscriber Equipment Market Connector Sales by Region 2013 to 2018F

Wireless Subscriber Equipment Market Connector Sales 2013 to 2018F Wireless Subscriber Equipment Market Connector Sales by Equipment Type 2013 through 2018F

Connector Type Perspective

#### Chapter 6 – Wireless Subscriber Equipment (cont.)

Wireless Subscriber Equipment Market Connector Sales by Connector Type 2013 through 2018F

Wireless Subscriber Equipment Market Connector Sales, Share of Market by Connector Type

Wireless Subscriber Equipment Market Connector Sales 2013 to 2018F Comparison by Connector Type

Equipment Perspective Other Wireless Subscriber

#### Chapter 7 - Wire-line Carrier Network Equipment

#### Market Overview

Fixed Telephone Subscriptions by Region 2009 to 2013 Carrier Network Equipment Connector Sales 2013 to 2018F

Carrier Network Equipment Connector Sales by Region of the World 2013 through 2018F

Carrier Network Equipment Connector Sales Share of Market by Region of the World

Carrier Network Equipment Connector Sales 2013 to 2018F Comparison by Region

Connector Type Perspective

Carrier Network Equipment Connector Sales by Connector Type 2013 through 2018F

Carrier Network Equipment Connector Sales 2013 to 2018F Comparison by Connector Type

**Equipment Perspective** 

Carrier Network Equipment Connector Sales by Equipment Type 2013 through 2018F

Non-Legacy (Current/New Technology) Carrier Network Equipment Connector Sales by Equipment Type 2013 through 2018F

Legacy (Old Technology) Carrier Network Equipment Connector Sales by Equipment Type 2013 through 2018F

Carrier Network Equipment Connector Sales 2013 to 2018F Comparison by Equipment Type

Connector Detail by Equipment Type

Sonet/SDH Nodes

Sonet/SDH Nodes Equipment Connector Sales by Connector Type, 2013 through 2018F

Sonet/SDH Nodes Equipment Connector Sales 2013 to 2018F Comparison by Connector Type

Sonet/SDH ADM

Sonet/SDH ADM Equipment Connector Sales by Connector Type, 2013 through 2018F

Sonet/SDH ADM Equipment Connector Sales 2013 to 2018F Comparison by Connector Type

**WDM** Equipment

WDM Equipment Connector Sales by Connector Type, 2013 through 2018F

WDM Equipment Connector Sales 2013 to 2018F Comparison by Connector Type

Optical Transport Network (OTN) Equipment

OTN Equipment Connector Sales by Connector Type, 2013 through 2018F

OTN Equipment Connector Sales 2013 to 2018F Comparison by Connector Type

Metro/Edge Routers

Metro/Edge Router Equipment Connector Sales by Connector Type, 2013 through 2018F

Metro/Edge Router Equipment Connector Sales 2013 to 2018F Comparison by Connector Type

**Core Routers** 

Core Router Equipment Connector Sales by Connector Type, 2013 through 2018F

Core Router Equipment Connector Sales 2013 to 2018F Comparison by Connector Type

#### Chapter 7 - Wire-line Carrier Network Equipment (cont.)

**Digital Cross-Connects** 

Digital Cross-Connects Equipment Connector Sales by Connector Type, 2013 through 2018F

Digital Cross-Connects Equipment Connector Sales 2013 to 2018F Comparison by Connector Type

Circuit Switches

Circuit Switch Equipment Connector Sales by Connector Type, 2013 through 2018F

Circuit Switch Equipment Connector Sales 2013 to 2018F Comparison by Connector Type

**ATM Switches** 

ATM Switch Equipment Connector Sales by Connector Type, 2013 through 2018F

ATM Switch Equipment Connector Sales 2013 to 2018F Comparison by Connector Type

IP Switches & Gateways

IP Switch/Gateway Equipment Connector Sales by Connector Type, 2013 through 2018F

IP Switch/Gateway Equipment Connector Sales 2013 to 2018F Comparison by Connector Type

Optical Line Terminals (OLT)

OLT Equipment Connector Sales by Connector Type, 2013 through 2018F

OLT Equipment Connector Sales 2013 to 2018F Comparison by Connector Type

Optical Network Units (ONU)

ONU Equipment Connector Sales by Connector Type, 2013 through 2018F

ONU Equipment Connector Sales 2013 to 2018F Comparison by Connector Type

Digital Loop Carrier (DLC)

DLC Equipment Connector Sales by Connector Type, 2013 through 2018F

DLC Equipment Connector Sales 2013 to 2018F Comparison by Connector Type

DSL/xDSL Equipment

DSL/xDSL Equipment Connector Sales by Connector Type, 2013 through 2018F

DSL/xDSL Equipment Connector Sales 2013 to 2018F Comparison by Connector Type

**Channel Banks** 

Channel Bank Equipment Connector Sales by Connector Type, 2013 through 2018F

Channel Bank Equipment Connector Sales 2013 to 2018F Comparison by Connector Type

Multi-Service Access

Multi-Service Access Equipment Connector Sales by Connector Type, 2013 through 2018F

Multi-Service Access Equipment Connector Sales 2013 to 2018F Comparison by Connector Type

Other Access Equipment

Other Access Equipment Connector Sales by Connector Type, 2013 through 2018F

Other Access Equipment Connector Sales 2013 to 2018F Comparison by Connector Type

40/100 GbE Switch Nodes

40/100 GbE Switch Node Equipment Connector Sales by Connector Type, 2013 through 2018F

40/100 GbE Switch Node Equipment Connector Sales 2013 to 2018F Comparison by Connector Type

1/10 GbE Switch Nodes

1/10 GbE Switch Node Equipment Connector Sales by Connector Type, 2013 through 2018F

1/10 GbE Switch Node Equipment Connector Sales 2013 to 2018F Comparison by Connector Type

#### Chapter 7 – Wire-line Carrier Network Equipment (cont.)

10/100 MbE Switch Nodes

10/100 MbE Switch Node Equipment Connector Sales by Connector Type, 2013 through 2018F

10/100 MbE Switch Node Equipment Connector Sales 2013 to 2018F Comparison by Connector Type

**OSP Apparatus** 

OSP Apparatus Equipment Connector Sales by Connector Type, 2013 through 2018F

OSP Equipment Connector Sales 2013 to 2018F Comparison by Connector Type

Other Wire-line Equipment

Other Wire-line Equipment Connector Sales by Connector Type, 2013 through 2018F

Other Wire-line Equipment Connector Sales 2013 to 2018F Comparison by Connector Type

#### Chapter 8 - Cable/MSO Network Equipment

Market Overview

Cable/MSO Equipment Market Connector Sales 2013 to 2018 Regional Perspective

Cable/MSO Equipment Market Connector Sales by Region of the World

Cable/MSO Equipment Market Connector Sales, Share of Market by Region

Cable/MSO Equipment Market Connector Sales 2013 to 2018F Comparison by Region

**Connector Type Perspective** 

Cable/MSO Equipment Market Connector Sales by Connector Type 2013 through 2018F

Cable/MSO Equipment Market Connector Sales 2013 to 2018F Comparison by Connector Type

**Equipment Perspective** 

Cable/MSO Equipment Market Connector Sales by Equipment Type 2013 to 2018F

Cable/MSO Equipment Market Connector Sales by Equipment Type Typical Hybrid-Fiber Coax (HFC) Network

FTTx Architecture

Connector Detail by Equipment Type

Head End Equipment

Head End Equipment Connector Sales by Connector Type 2013 through 2018F

Head End Equipment Connector Sales by Equipment 2013 to 2018F Comparison by Connector Type

CMTS/Data Equipment

CMTS Equipment Connector Sales by Connector Type 2013 through 2018F

CMTS Equipment Connector Sales by Equipment 2013 to 2018F Comparison by Connector Type

Distribution Equipment, Coax

Distribution Equipment Connector Sales by Connector Type 2013 through 2018F

Distribution Equipment Connector Sales by Equipment 2013 to 2018F Comparison by Connector Type

Fiber Optic Equipment

Fiber Optic Equipment Connector Sales by Connector Type 2013 through 2018F

Fiber Optic Equipment Connector Sales by Equipment 2013 to 2018F Comparison by Connector Type

Core Network Equipment

Core Network Equipment Connector Sales by Connector Type 2013 through 2018F

Core Network Equipment Connector Sales by Equipment 2013 to 2018F Comparison by Connector Type

#### Chapter 8 - Cable/MSO Network Equipment (cont.)

Deep Fiber

Deep Fiber Equipment Connector Sales by Connector Type 2013 through 2018F

Deep Fiber Equipment Connector Sales by Equipment 2013 to 2018F Comparison by Connector Type

Subscriber Equipment

Analog & Digital Interfaces

Subscriber Equipment Connector Sales by Connector Type 2013 through 2018F

Subscriber Equipment Connector Sales by Equipment 2013 to 2018F Comparison by Connector Type

Other Cable Equipment

Other Cable Equipment Connector Sales by Connector Type 2013 through 2018F

Subscriber Equipment Connector Sales by Equipment 2013 to 2018F Comparison by Connector Type

#### Chapter 9 – Other Network Equipment

Market Overview

Other Telecom Equipment Connector Sales, 2013 to 2018F Regional Perspective

Other Telecom Equipment Connector Sales by Region of the World 2013 through 2018F

Other Telecom Equipment Connector Sales Share of Market by Region of the World

Other Telecom Equipment Connector Sales 2013 to 2018F Comparison by Region of the World

Connector Type Perspective

Other Telecom Equipment Connector Sales by Connector Type 2013 through 2018F

Other Telecom Equipment Connector Sales 2013 to 2018F Comparison by Connector Type



#### **To Order World Telecom Market for Connectors**

Research Report M-510-14, *World Telecom Market for Connectors* is available for \$4,500. If you would like additional information about this report, or would like to place an order, please complete the following information and fax or mail it to Bishop & Associates, Inc. Or place your order on our website: <a href="http://store.bishopinc.com/">http://store.bishopinc.com/</a>. Additional print copies of this report are available for \$450.

#### Fax No. 630-443-2704

Name:				
Title:				
Company:				
Address:				
City:			State:	Zip:
Phone:			Fax:	
E-Mail Address:				
Signature:				
	☐ Print Copy @ \$4 ☐ Print Copy + 1 A	,500 dditional Print	et for Connectors t Copy @ \$4,950 orporate License) @ \$	5,850
☐ Invoice Me	□ Check Enclosed	□ Visa	☐ Master Card	□ American Express
Credit Card No.	Illinois C		nternational Airmail d 8.0% Sales Tax	
	Expiration		Mo. Yr.	

For Questions in **Europe:**Mr. Arthur Visser
Bishop & Associates, Inc.
Phone: (32) 2.660.3696 • Fax: (32) 2.675.8374
Click here to email Arthur Visser.

Bishop & associates, inc.

Performance and Forecast of the World Connector Industry

1209 Fox Glen Drive St. Charles, IL 60174 Phone: 630/443-2702 Fax: 630/443-2704

E-mail: bishop@bishopinc.com
Website: www.connectorindustry.com
Online Store: http://store.bishopinc.com/

### What's New ?

Bishop & Associates has recently completed several new research reports about the worldwide connector industry. A table of contents for each report can be found at <a href="http://store.bishopinc.com">http://store.bishopinc.com</a>.

Report M-510-14	World Telecom Market for Connectors (February 2014) NEW
Report P-410-14	Server Systems and Connector Forecast 2010-2020 (January 2014) NEW
Report R-3200-13	World's Emerging Connector Markets (December 2013) NEW
Report F-2013-02	Connector Industry Forecast (November 2013) NEW
Report M-3100-13	Heavy Equipment Market for Connectors (November 2013) NEW
Report P-980-13	Mobile Backhaul Network Technologies and Connectivity Market (October 2013) NEW
Report P-610-13	World Market for Terminal Blocks (September 2013)
Report C-122-13	2013 Connector Industry Yearbook (September 2013)
Report P-799-13	2013 World Cable Assembly Market (August 2013)
Report M-121-13	2013 Top 100 Connector Manufacturers (July 2013)
Report C-303-13	2013 European Customer Survey of the Electronic Connector Industry (July 2013)
Report P-881-13	<b>Evolving High-Speed Backplane Connectors (June 2013)</b>
Report M-1501-13	Medical Electronics Market for Connectors (May 2013)
Report M-700-13	Connector Market Handbook (April 2013)

#### THE BISHOP REPORT - CONNECTOR INDUSTRY YEARBOOK

An annual subscription to <u>THE BISHOP REPORT</u> (12 issues) is available for \$950. As part of your Bishop Report subscription, you have admission to BishopReport.com, a website that provides quick access to prior issues of The Bishop Report, News Briefs, connector industry news, the connector industry forecast, and various industry statistics.

The <u>CONNECTOR INDUSTRY YEARBOOK</u> is available for \$1,250. However, Bishop & Associates offers a special combined price of \$1,450 for <u>THE BISHOP REPORT</u> and the <u>CONNECTOR INDUSTRY YEARBOOK</u> (an annual savings of \$750).

To view an expanded report description, and a complete table of contents, for all Bishop & Associates' research reports, <u>click here</u>.



#### **Bishop & Associates Inc.**

1209 Fox Glen Drive • St. Charles, IL 60174
Phone: 630.443.2702 • Fax: 630.443.2704
bishop@bishopinc.com • www.ConnectorIndustry.com
Online Ordering: http://store.bishopinc.com