

# Connector Types and Technologies Poised for Growth

Research Report P-606-19  
October 2019



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Bishop & Associates has just released a new market research report that identifies 16 connector and sensor types that are expected to grow at a significantly faster rate than the general market over the next five years. *Connector Types and Technologies Poised for Growth* is a 21-chapter, 271-page report that defines the key characteristics of each connector or sensor, as well as provides typical applications, key manufacturers, along with projected market values and five-year CAGR. This report also reviews emerging trends and technologies that are likely to have major impact on connector and sensor design and applications over this same period.



Each connector or sensor type is defined with a product description including key mechanical and electrical performance characteristics, as well as the rationale for its selection. Major applications are also identified. A global market value and forecast covering the years 2018 through 2024, with a five-year CAGR, document our growth expectations for each product type.

Many of the selected products have existed in the market for several years, but emerging applications will propel their growth well beyond that of the general connector market. Some legacy connector types, for instance, are being adapted to high-speed differential signaling, which will allow implementation in next-generation equipment. In other cases, entirely new interfaces will likely show significant percentage growth from near zero as they are implemented in new high-volume applications.

## Issues explored in this report include:

1. Which existing connector types are poised for exceptional sales growth?
2. What new electronic products and technologies are driving sensor and connector growth?
3. Which industry segments will utilize these connectors and sensors? Will certain segments require the development of entirely new product types to address specific applications?
4. Who are the leading manufacturers of these connectors and sensors?
5. Will new material technology change the way connectors and sensors are designed, fabricated and utilized?
6. Has the performance / cost curve of fiber optic connectors finally tipped the advantage to fiber over copper in I/O applications? Will 25+ Gb/s channels be the tipping point?

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7. How is the convergence of computing, communications, and consumer entertainment influencing the design of interconnects?
8. What technology gaps must be addressed in order to satisfy next generation equipment interconnect requirements?
9. Which of the many pluggable small form factor interfaces will achieve broad industry acceptance?
10. Will connectors and cable assemblies that incorporate active components become more common?
11. What potentially disruptive technologies may impact connector design and utilization over the next 5 years?
12. Which connectors defined by an updated industry standard or supported by an industry consortium show exceptional growth?

The term “connectivity” has become the mantra for the expanding universe of electronic devices that pervade our world today. People-to-people, machine-to-machine, well as people-to-machine communication is spawning entirely new classes of electronic devices. Capabilities such as face recognition, location awareness, and artificial intelligence can provide much enhanced interaction with our devices, while creating new vulnerabilities for hackers to target. Electronic connectors and sensors now play an increasingly critical role in the performance of the end device as well as the infrastructure that supports it. Development of a new connector typically is the result of an identified gap in the mix of current interfaces in terms of bandwidth, physical size, pin count, durability, current rating, termination method, and price. Connector manufacturers must be constantly on the outlook for the new technology that may require a unique set of performance requirements as well as disruptive technologies that could quickly make a current product obsolete.

*Connectors and Technologies Poised for Growth* provides useful insight on key interconnects and technologies that we anticipate will propel the electronics industry over the next five years.

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## 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 <https://store.bishopinc.com>.

- ❑ **Report P-606-19**      **Connector Types and Technologies Poised for Growth (October 2019) NEW**
- ❑ **Report F-2019-01**      **Connector Industry Forecast (September 2019) NEW**
- ❑ **Report M-1010-19**      **World Automotive Connector Market (August 2019) NEW**
- ❑ **Report C-122-19**      **2019 Connector Industry Yearbook (August 2019) NEW**
- ❑ **Report M-121-19**      **2019 Top 100 Connector Manufacturers (July 2019) NEW**
- ❑ **Report M-970-19**      **World Consumer Market for Connectors - 2019 (June 2019) NEW**
- ❑ **Report M-799-19**      **2019 World Cable Assembly Market (May 2019)**
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- ❑ **Report CA-785-19**      **Top 100 Cable Assembly Companies (February 2019)**
- ❑ **Report M-607-19**      **World Industrial Market for Connectors 2019 (January 2019)**
- ❑ **Report M-960-18**      **Electronic Industry and Connector Outlook 2018 and Beyond (November 2018)**
- ❑ **Report C-150-18**      **History of M&A in the Connector Industry (*Shrinking Footprints: Connector Industry Consolidation 1954-2018*) (October 2018)**
- ❑ **Report P-770-18**      **Connector Manufacturers Connect to Sensors (July 2018)**

### THE BISHOP REPORT - CONNECTOR INDUSTRY YEARBOOK

An annual subscription to [\*\*THE BISHOP REPORT\*\*](#) (12 issues) is available for \$1,150. As part of your Bishop Report subscription, you have access, through [Bishopinc.com](http://Bishopinc.com), to prior issues of The Bishop Report, News Briefs, Financial Benchmarks, and various connector industry indices. An annual corporate subscription is available for \$2,950, which includes an unlimited number of subscribers and one PDF version of the Yearbook.

The [\*\*CONNECTOR INDUSTRY YEARBOOK\*\*](#) is available for \$1,500. However, Bishop & Associates offers a special combined price of \$1,750 for [\*\*THE BISHOP REPORT\*\*](#) and the [\*\*CONNECTOR INDUSTRY YEARBOOK\*\*](#) (an annual savings of \$900).

[Click here](#) to view an expanded report description, and a complete table of contents, for all Bishop & Associates' research reports.



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