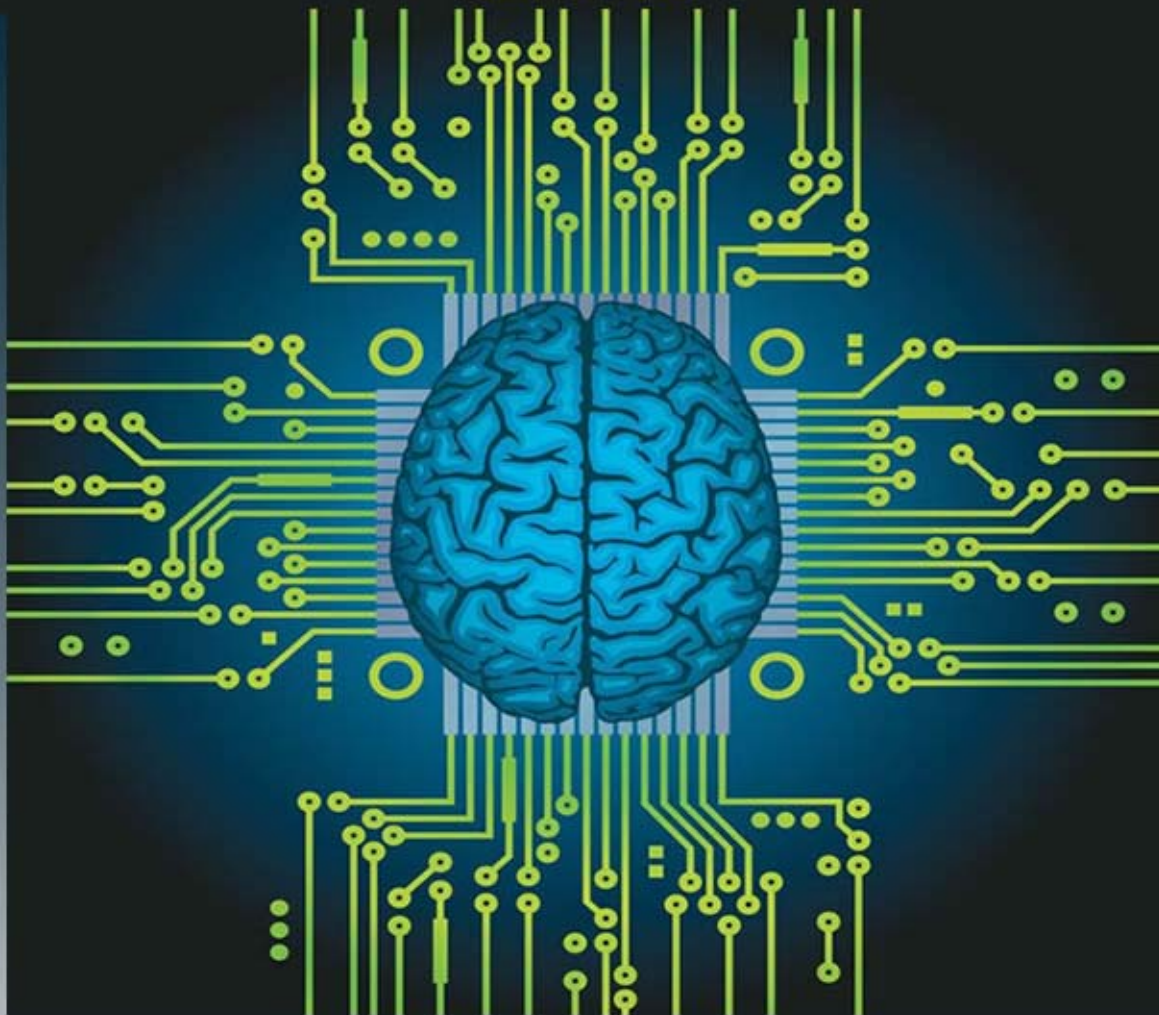


Impact of Disruptive Innovations on Electronic Interconnects

Research Report M-760-16
October 2016

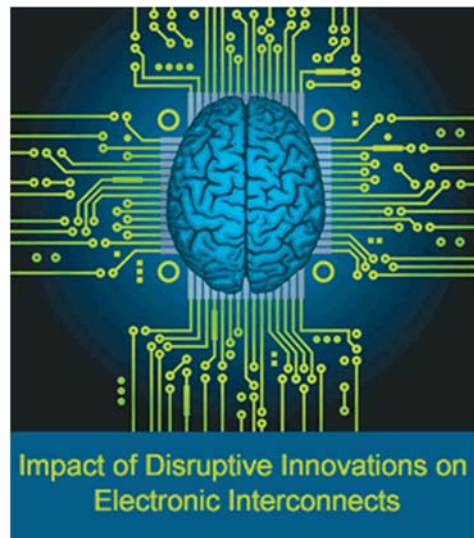


Impact of Disruptive Innovations on Electronic Interconnects

Report: M-760-16

Published: October 2016

Investigating the effect new and innovative technology has, or will have, on the electronic interconnect industry is covered in Bishop and Associates newest research report, *Impact of Disruptive Innovations on Electronic Interconnects*. This nine-chapter, 198-page research report examines past and future growth of copper, fiber optic, and wireless interconnects, while discussing the effects new and innovative technologies will have on them over the next five years.



To a large degree, manufacturers of electronic connectors have taken their cue from leading original equipment manufacturers as they have defined their specific interconnect requirements. As a need arises at a leading OEM, the assumption is made that demand for a new product with an advanced feature will become broad-based. Research and development resources are applied, a new product is production tooled, and the anticipated sales growth curve begins. Over the years, the connector industry has made a number of significant leaps in technology, but most new connectors are the result of evolutionary not revolutionary development.

This report reviews the current state of copper, fiber optic and wireless interconnect technology as well as identifies 10 potentially disruptive innovations currently in development or the introduction phase, to determine the degree of impact these changes will have on the electronic connector industry. These include:

1. Internet of Things
2. Autonomous Electric Vehicles
3. Wearable Electronics
4. Additive Manufacturing
5. Robotics
6. Utility Scale Energy Storage
7. Cloud / Fog / Mist Computing
8. High-Speed Computing and Communications
9. Augmented / Virtual Reality
10. Artificial Intelligence

Impact of Disruptive Innovations on Electronic Interconnects

True innovation disruptors also have a tendency to create consequences well beyond their target market. Broad adoption of autonomous transportation in urban areas will change how people allocate resources and utilize living space while totally altering the energy, insurance and automotive assembly businesses. Continuing expansion of robotic and 3D additive manufacturing has the potential to eliminate millions of jobs resulting in serious social and political challenges. The Internet of Things is likely to evolve to the Internet of Everything where the majority of daily tasks are automated and personal preferences are satisfied to a degree never before possible.

The report also attempts to predict what new technical requirements may spur the interconnect industry to take a more proactive role in the development of interconnect technology that will be capable of supporting multiple next generation electronic devices.

Impact of Disruptive Innovations on Electronic Interconnects

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Report Findings and Conclusions

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 <http://store.bishopinc.com>.

- **Report M-760-16** **Impact of Disruptive Innovations on Connector Interconnects 2016 - 2021 (October 2016) NEW**
- **Report M-510-16** **World Telecom Connector Market 2016 - 2021 (September 2016) NEW**
- **Report M-650-16** **IoT's Impact on the Telecom Connector Industry (September 2016) RE-RELEASED**
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- **Report M-720-16** **European Connector Market 2015, 2016-2021 (June 2016)**
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- **Report M-700-16** **World Connector Industry Handbook (March 2016)**
- **Report M-4100-16** **Civil Aviation Market for Connectors 2016 (January 2016)**
- **Report M-850-15** **PC, Tablet & Smartphone Market Analysis and Forecast 2015-2020 (December 2015)**
- **Report M-1010-15** **World Automotive Connector Market (September 2015)**

THE BISHOP REPORT - CONNECTOR INDUSTRY YEARBOOK

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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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