IPC Standards:
What Every Manufacturer Should Know
Why Manufacturers Use IPC Standards?

Electronics are at the heart of millions of products, from aerospace and defense, to automotive, information technology, telecom, manufacturing, retail, healthcare, and more. Our lives depend on electronics in everything we do.

How do you know those electronics are manufactured with high-reliability, superior quality, and consistency?

IPC Standards Help Build Electronics Better

Consistency

IPC CUSTOMER STATISTIC

92% of organizations agreed with the following statement:
“Because we use IPC standards our customers believe we can consistently deliver quality built assemblies/products.”

Source: TechValidate survey of 316 users of IPC
Validated
Published: Jun. 9, 2020
TVID: 16E-7A2-593

Superior Quality

IPC CUSTOMER STATISTIC

87% of Quality Departments within Manufacturing organizations are using IPC standards.

Source: TechValidate survey of 318 users of IPC
Validated
Published: Jun. 9, 2020
TVID: C3A-6A9-C92

High-Reliability

IPC CUSTOMER TESTIMONIAL

IPC standards are benchmark guidelines to achieving the best reliable products for electronics assembly.
— Manufacturing Director, Global 500 Electronics Company

Source: Manufacturing Director, Global 500 Electronics Company
Validated
Published: Jun. 9, 2020
TVID: F42-A17-189

Operational Benefit

IPC CUSTOMER RESEARCH

Top Three Benefits of using IPC Standards

What benefits has your company experienced by using IPC standards?

- Improved customer satisfaction: 71%
- Improved production efficiencies: 56%
- Improved workforce performance: 56%

IPC Standards Drive Quality and Reliability

![Graphs and tables showing percentages for improved quality, reliability, competitiveness, supply chain risks mitigated, and costs reduced.]

IPC Standards for Every Stage of Production

IPC provides standards from the idea stage to the finished assembled product helping to build electronics better.

For more information about specific standards, please visit [www.ipc.org/onlinestore](http://www.ipc.org/onlinestore).
Make Your Commitment to Use IPC Standards

By using IPC standards, you too can be recognized for achieving superior quality, high-reliability and consistency in manufacturing electronic products used in our everyday lives.

We Believe in Using IPC Standards

How long has your company been using IPC standards?

<table>
<thead>
<tr>
<th>Duration</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>More than 20 years</td>
<td>51%</td>
</tr>
<tr>
<td>11-15 years</td>
<td>18%</td>
</tr>
<tr>
<td>16-20 years</td>
<td>15%</td>
</tr>
<tr>
<td>6-10 years</td>
<td>14%</td>
</tr>
</tbody>
</table>

Source: TechValidate survey of 79 users of IPC. Sample comprised of Fortune 500, Global 500, and Large Enterprise Manufacturing organizations.

Validated Published: Jun. 15, 2020 TVID: 230-C82-AB5

AcBel Polytech Inc.
Acuity Brands Inc.
Airbus Group
Air Products and Chemicals Inc.
Amazon.com, Inc.
Amphenol Printed Circuits
Apple Inc.
Askey
AT&S Austria Technologie & Systemtechnik AG
AZTECH Communication Device (DG) Ltd
BAE SYSTEMS, Inc.
Benchmark Electronics, Inc.
British Sky Broadcasting Group Inc.
Celestica Inc.
Cisco Systems, Inc.
Compeq International Corp
Compeq Manufacturing Co. Ltd.
Continental Automotive
Conti Temic Microelectronic GmbH
Cummins, Inc.
Deere & Company
Delta products Corp.
Ericsson AB
FlexNet Inc
Flextronics International Ltd.
FoxConn Technologies
Fujikura Automotive Guangzhou Co. Ltd.
Fujitsu Ltd.
Fynmetrics
Gardien Services USA
Heraeus Holding GmbH
Hitachi Chemical
Hitachi High-Tech Analytical Science
Hong Fu Jin Precision Component (SZ) Co. Ltd.
Honeywell International Inc.
Intel Corp
Jabil
Juki Corporation
Lab126
Lockheed Martin Corp.
L3Harris
L3 Technologies, Inc.
Maxway Technology co., Ltd.
MBDA Systems
Nokia
Nordson Asymtek
Northrop Grumman Corp.
Panasonic Corp
Parker Hannifin Corp.
Philips International
Plexus International
Rafael
Raytheon Company
Robert Bosch GmbH
Rockwell Collins
Sanmina-SCI
Schlumberger Limited
Schneid Electric SA
Shengyi Technology Co. Ltd.
Siemens AG
Telephonics Corp
Thales
The Boeing Company
Tokai Rika Co., Ltd.
Toyota Motor North America
TTM Technologies
United Technologies Corp
VEONEER Inc
ViaSat, Inc.
Viasystems Group Inc.
Woodward Governor
Zardoya Otis, S.A.
Zentech Manufacturing
Zollner Elektronik AG