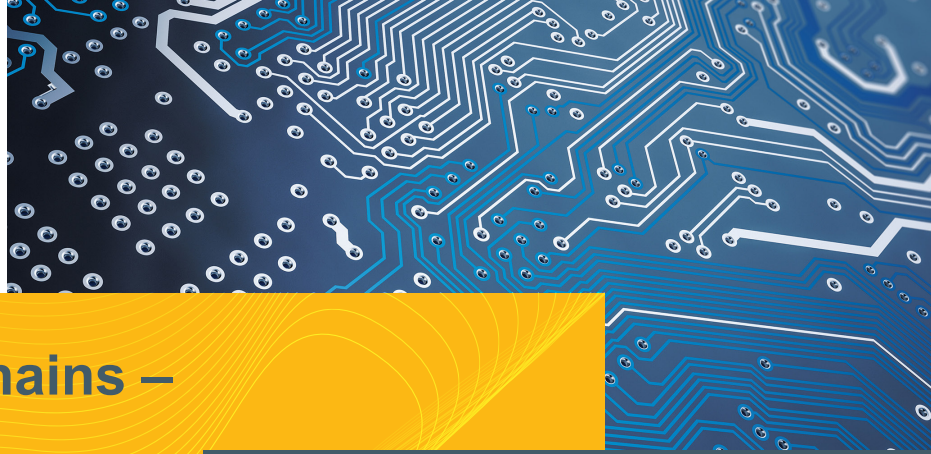




BUILD ELECTRONICS BETTER



# Electronics Supply Chains – Secured.

Advanced electronics are at the heart of most defense and security systems and many other kinds of critical infrastructure.

But as electronics have become more and more crucial in these vital systems, supply chain disruptions have become a greater concern. Constraints or compromises involving electronics system components – even tiny, inexpensive ones – can bring entire systems to a halt.

IPC, the global electronics manufacturing industry association, responded to this concern by developing IPC-1791, the “Trusted Supplier” standard, in collaboration with the U.S. Department of Defense. Companies certified as “Trusted Suppliers” under IPC-1791 can assure customers that their products and services meet the highest levels of integrity and reliability.

## BENEFITS OF IPC-1791

- Greater supply chain assurance for customers with the highest security needs
- Reduced risk of tampering and counterfeiting
- Reduced risk of intellectual property theft
- Highest product quality requirements

## THE KEY ELEMENTS OF IPC-1791 ARE:



**SECURITY:** IPC-1791 provides security protocols for personnel, facilities, and data, and it is the only standard that validates compliance with the U.S. Government’s NIST 800-171 cybersecurity controls.



**COUNTERFEIT PREVENTION:** IPC-1791 combats counterfeits by requiring chain of custody documentation for data, hardware, work in progress, scrap, finished goods, and shipping.



**SUPPLY CHAIN RISK MANAGEMENT:** Requirements include supply chain visibility, dual-sourcing, obsolescence management, financial checks, and a disaster-recovery plan.



**OWNERSHIP:** IPC-1791 prohibits investors from any company on the U.S. Government’s “ITAR prohibited country” list and requires notification of ownership and management changes.



**QUALITY:** Companies must meet the highest quality requirements under multiple other industry standards, addressing all stages from design through production.

Learn more about how IPC-1791 helps ensure supply chain security and resilience.



### SUPPLIERS:

Start [here](#) to get your copy of IPC-1791 and begin the journey to becoming a more valued supplier.



### BUYERS:

[Learn more](#) about the details of IPC-1791 to better understand how it can help strengthen your supply chains.

For further information:

**David Bergman**  
*Vice President, Standards and Technology*  
DavidBergman@ipc.org  
847-597-2840

[www.IPC.org](http://www.IPC.org)