

[Success Story of PCB Assembly Trend](#)

With the onset of 1900's, the novelty of printed circuit boards got started with a profound concept of constructing an electrical path on an isolated surface of a board. The initial trend of printed circuit board got into a vain to develop and upgrade the radios and gramophones. Gradually the notion of 'Through Hole Technique' came into picture to produce a double sided PCB.

In mid 1990's the idea of auto assembly process was introduced by [PCB Manufacturer USA](#). This was a point of modern touch to enhance the fabrication process with automated soldering technique. The research and development picked up a pace for end to end electronic solutions for defense and US army.

Most of the major inventions with respect to printed circuit board were a core concentration of US PCB market. The strides to up gradation in the fabrication process of PCB's marked great developments in the electronic world. From high speed digital and analog designs to high layer count boards to high pin count BGA with different fabrication methods like electro mechanical assembly, cable harness assembly, box build assembly and back plane assembling process noted demand of customized PCB's in all dominant industries.

Nowadays common advanced methods adopted by the [Printed Circuit Board Manufacturer](#) are the state-of-the-art-techniques by using 'surface mount technology', 'integrated circuits' and 'hybrid circuits' assemblies.

Things are now becoming in great demand from jumbo versions to miniaturization with the origination of nano technology. Since a decade ,there has been a high application of the 'state of art technique' to create different type of PCB's with nano scale spheres consisting of high performance materials, radio frequency applications, HDI (High Density Interconnect) technology, LCD (Liquid crystal display) and LED (Light- emitting diode) technology .

With this the hypothesis for a new approach to customization was noted to provide a rare of a kind of [PCB Manufacturing Service](#) to the customers. There was a mark of revisions in the functional designs and layouts with high end customizations in the printed circuits mechanized in the multilayered boards. Thus the applicability and usage of printed circuit boards for providing electronic design and manufacturing solutions has become a prime base for minor advancements and up-gradations to the major innovations.

For more information, visit <http://www.4pcbassembly.com/about-pcb-assembly.ht>