

## Member Profile

**Member Profile:** Mettrix Technology Corp.

**Year Founded:** 1998

**Location:** Wappingers Falls, NY



**Product/ Service:** electronic related products and services such as through hole and surface mount (SMT, SMD) assembly, wire harness construction and box build.

**Website:** [www.mettrix.com](http://www.mettrix.com)

Mettrix Technology Corporation was founded in 1998 primarily as an electronic design house by Oliver P. Engel a former IBM Senior Engineer at IBM's design laboratory in East Fishkill, NY. Since its founding, the company has expanded into the area of electronic manufacturing services (EMS). Currently more than 80% of the company's revenue originates from building custom electronics for its customers. Customers range from small companies, including one –man shops, to large multinational Fortune 500 companies.



Mettrix is a small company, employing only eight people which includes the president and founder, but recently increased the size of its facilities moving from a 3600 square foot space into a brand new 7200 square foot facility which it owns in Wappingers Falls, NY. The new facility was specifically designed and fitted for electronic assembly purposes with plenty of room for expansion when needed.

Mettrix prides itself in its willingness to take on projects that are out of the ordinary or which push its technology limits and capabilities. An example of this is a project Mettrix worked on for Cornell University to develop electronics to be used to tag birds for the purpose of gathering data during migration. This project required a study in weight reduction of the electronics to ensure that the bird would not be affected by the extra weight. Some examples of other products Mettrix has produced for customers includes alcohol breathalyzers, pollution gas conditioning and gas monitoring electronics, LED-based light engines for illumination, one–time-use electronics used by surgeons, battery charge monitors, controllers for automated screw-driving equipment, and control electronics for industrial coolers and chillers. Customers include General Electric, for which the company has been manufacturing power distribution equipment for the past eight years. Mettrix has also provided service to IBM which include printed circuit board (PCB) design, IC layout, subsystem design and prototyping, and assembly services. They also provide design and assembly services to Nuflare Technologies, a research and development subsidiary of Toshiba. These are only a sampling of the customers and types of services Mettrix provides.

In their new facility, Mettrix Technology Corp. operates one surface mounted technology (SMT) assembly line and other equipment used for through-hole component assembly. The company has the ability to assemble RoHS compliant product or tin-lead solder–based product using either no-clean or water-washable solder flux chemistries. Their employees, once past their initial trial period, often are there for several years. The average employment tenure is five years and since its founding in 1998, two employees have retired with over ten years of service. Only half of the new facility is currently in use, allowing room for the company to more than double its production capacity in the future when needed. With the majority of Mettrix marketing done through referrals and web advertising, it is likely that the quality of their product will continue to grow their reputation and the business.