



Contract Manufacturing & Electronics Assembly

ESCORT spawns OEM success into CEM arena

Regarded as a global leader in the design and OEM production of radar and laser detector devices, ESCORT Manufacturing Corp., Mississauga ON, is looking to parlay its engineering prowess into a contract manufacturing success.

After settling into its 48,000-square-foot, climate and electro-static discharge controlled facility 18-months ago, ESCORT is now providing full turnkey CEM assembly services, including PCBA, box build, prototyping and NPI.

Backed by extensive expertise with RF and wireless applications, ESCORT's near-term growth initiatives in the CEM arena are buoyed by an experienced management team, led by vice-president, Operations Hani AbdelGalil. With more than 12-years experience in industrial mission-critical electronics and in high-volume, consumer electronics.

"Our abilities to conduct CEM facility is strongly supported by an excellent operations, engineering and customer support teams," he says. "Proven manufacturing processes are already in place and have been for years, as well as a complete infrastructure to support new customers and business."

ESCORT's ISO 9001 Certified facility located on a 4-acre site west of Toronto provides both leaded and ROHS capabilities in a lean manufacturing environment. The 'visual factory' features two Fuji SMT lines with a combined PPH of 175,000 pieces. Both lines are capable of placing 0201 and up, as well as high density small pitch components, according to AbdelGalil. A Fuji Trax System is forthcoming to the production area, providing an improved bar coding traceability tool (components to boards).

"We are confident that our highly efficient facilities are very capable of supporting ESCORT's projected growth," AbdelGalil says. "ESCORT already has a solid presence and existing relationships within the electronics supply chain community," he adds.

Helping to spearhead the CEM side of the business, ESCORT recently appointed industry veteran Mona Hisaki to the position of manager, contract manufacturing. Having 12 years purchasing experience in an OEM environment, along with 11 years in contract manufacturing, Hisaki says "I'm excited about the opportunity and all the possibilities surrounding the expansion and business development of the contract manufacturing side of the business."



Radar detector OEM Escort Manufacturing Corp. in Mississauga ON is now lending its expertise in RF electronic design to customers looking for contract manufacturing support



- ESCORT Mfg. SMT production lines feature two Fuji SMT lines

ESCORT CEM division delivers full supply chain management support, providing its customers with total inventory management.

"We will handle full project management from raw material sourcing, including local and off-shore logistics," Hisaki says. ESCORT's engineering services include printed circuit board layout design support; DFM & DFT design services; X-ray inspection and analysis; plus test equipment (both hardware and software) development.

"We offer complete CEM services - from design support to direct shipping to customers if required - and all the steps in between," Hisaki says.

Nytric partners with Escort for CEM needs

Nytric Ltd., Mississauga ON, a leading North American development and commercialization consulting firm has partnered with ESCORT Manufacturing Corp. for its contract manufacturing services.

"Nytric seeks to work with the best possible partners, in order to provide the highest quality and most reliable end-product for its international clients. It was for that reason that ESCORT was chosen to provide contract manufacturing services for key electronic products developed by Nytric," says Anthony Gussin, director, business development, Nytric.

Nytric is a global leader in providing a complete concept-to-market development solution, along with an easy and affordable financial model and a proven track record of break-through technological innovation. Nytric provides a complete range of software and hardware services, from concept through design to commercialization and manufactured product. Working in concert with Escort, Nytric has successfully released advanced products into the US, UK and Australian markets.

"To date, ESCORT has shown the ability not only to meet the demanding quality standards and timeframes set by Nytric, but to go beyond them by suggesting improvements to product quality, product flow and testing," Gussin adds.

Microart increases capacity – adds SMT pick-and-place machine

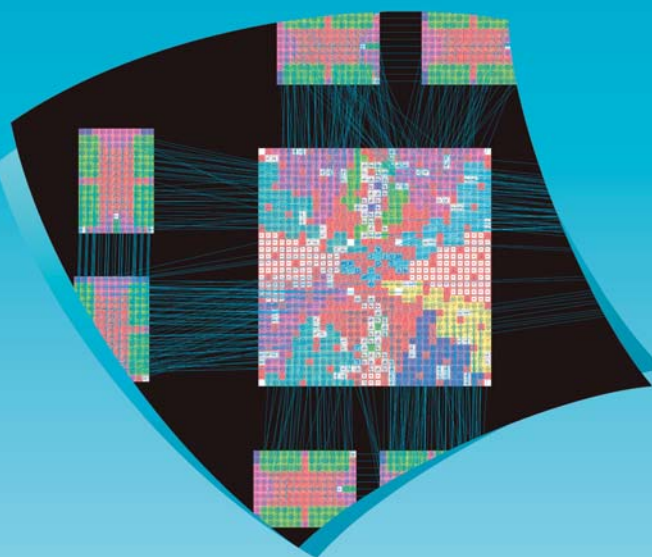
Microart Services Inc., Markham ON, provider of turnkey CEM services, has increased its outsourcing capacity with the recent purchase of its 5th state-of-the-art, Samsung CP45FV SMT pick and place machine.

The SMT production unit provides the highest extent of operator efficiency and convenience and contains a six-head vision system, for fast component recognition, according to Microart president Tyler Fisher. "It can recognize even the smallest, high tech components, thus permitting a substantial increase in productivity," says Fisher.

Unlike many companies in the current economic climate, Fisher says Microart has continued to grow during the past few years, experiencing more than a 20% increase in revenue year on year, from 2008 to 2009, as well as record sales in the first months of fiscal 2009.

"We take capital re-investment into Microart Services very seriously. The Samsung SMT Pick and Place Machine is simply top of the line," says Fisher in regard to the capital investment. "We have increased our output and our overall productivity significantly with every machine we've added and fortunately for us, we need the additional capacity performance of this 5th machine."

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