

EMS OVERVIEW

Matric is a full service Electronic Manufacturing Services (EMS) provider. Since opening its doors in 1971, Matric has become skillful in all aspects of product development and has supported a wide variety of Original Equipment Manufacturers (OEMs) and industries. Technical competence, market expertise and a customer service focus driven work-ethic make Matric an excellent partner for projects of any complexity.

Matric Product Development Process

1 DEA

Creative engineering, sales and management teams provide valuable input for idea generation through:

- existing product evaluations (DFX, service history, life cycle extension)
- application assessment (RF site survey, risk analysis)
- concept operational reviews

RESEARCH

Experienced engineering, material management and quality teams refine product requirements through:

- preliminary design
- · circuit simulation and prototyping
- · 3D CAD and physical modeling
- · technical feasibility studies
- · testing services
- · costing exercises
- quality reviews

DESIGN

Skilled engineering, drafting and production teams generate:

- · circuit designs and PCB layouts
- software and firmware
- enclosure designs
- comprehensive validation tests
- DFX analysis
- environmental tests and compliance
- deliverable documentation
- · regulatory approvals

4 LAUNCH

Responsive sales, material management, customer service, and production teams initiate procurement and production according to the customer's marketing rollout plan including limited or full production runs and application engineering support.

PRODUCTION

Reliable customer service, material management and production teams assemble to customer specifications and standards including:

- all IPC levels
- · full procurement or labor only
- SMT and through-hole
- · cables and wire
- harnesses
- · in-circuit and system testing

SUPPORT

Knowledgeable aftermarket, configuration management and sustaining engineering teams provide:

- solid support services including obsolescence mitigation and life cycle management
- · service history monitoring
- · upgrades and remanufacturing
- value chain optimization

Matric has the flexibility and capability to support any product development process. Partners benefit from quality product designs that are integrated seamlessly with our world class manufacturing processes. With an ISO 9001, ISO 13485 and AS 9100 certified quality management system, Matric confirms its commitment to excellence and customer satisfaction in every aspect of the business. For more information, please contact a sales representative at 800.462.8742 or log on to www.matric.com.

