



3G Wireless Communications
Overview
Track Mate AVLS/VTU Solution



Tandon Group Companies

MEPL

Licensed Manufacturer of Defense Equipment

3G Wireless

Wireless Network Integration Services

Syrma Technology

Electronic Manufacturing Services, RFID Tags and Magnetic Components

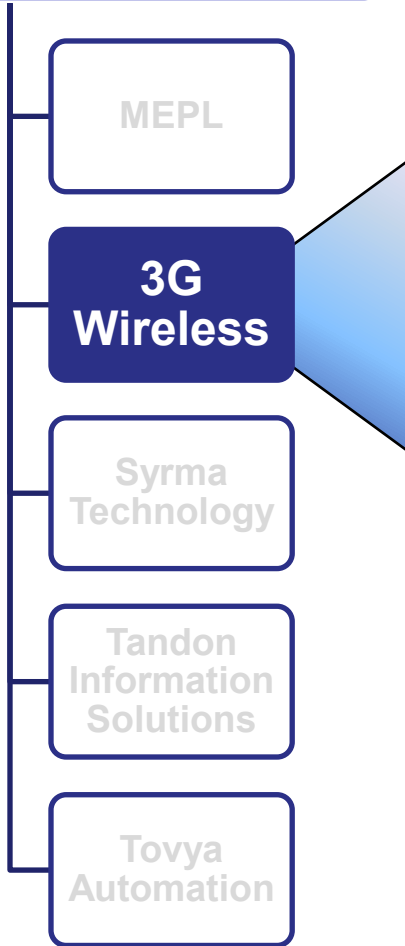
Tandon Information Solutions

Software & IT Services

Tovya Automation

Embedded / Wireless Automation Devices

Tandon Group Companies



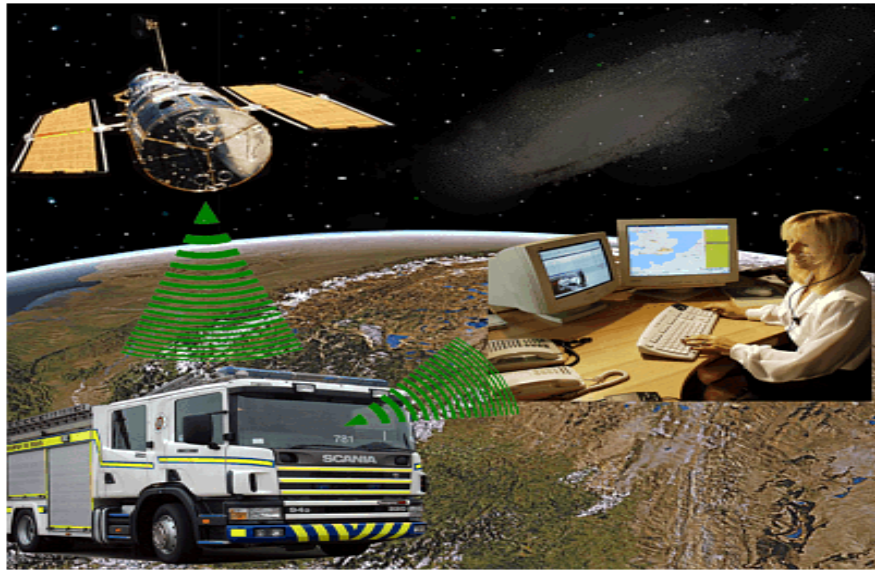
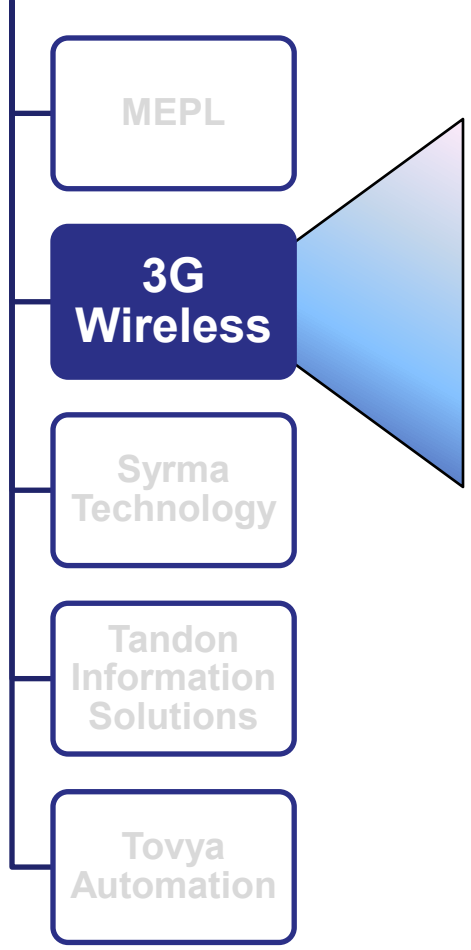
3G Wireless is focused on mission critical communication solutions for Public Safety, Law Enforcement, Hospitality and Industrial segments

3G sources products from leading global OEMs including:

- Conventional radios
- Secured Communication
- MPT 1327 Digital Controlled Trunking
- EDACS
- DIGIPRO
- GPS / AVLS Solutions / Telemetry - Industrial and Security**
- Underground Communication Solutions
- TETRA
- HYDRA

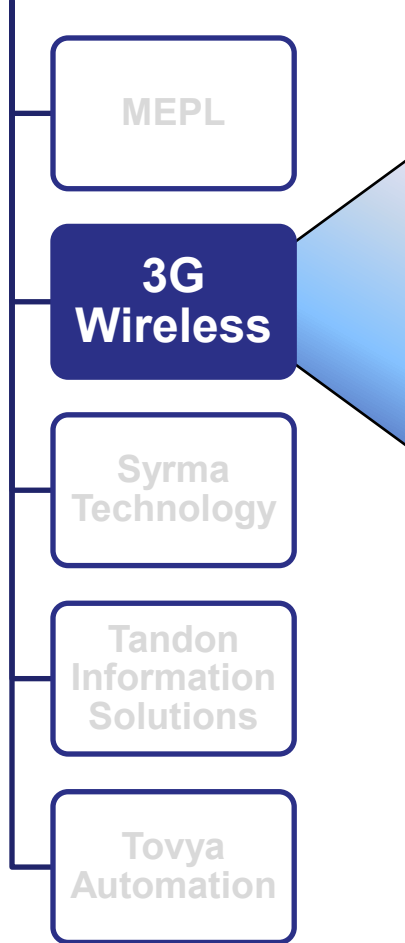
| |
|---|
| Transportation |
|  |
| Public Safety / Police |
|  |
| Industry |
|  |
| Military / Defense |
|  |

Tandon Group Companies



VEHICLE TRACKING UNIT

Tandon Group Companies



TRACK MATE-Vehicle Tracking Unit

- World class Robust Hardware
- Web based Software Solutions
- Excellent & Prompt after sale service



Transportation



Public Safety / Police



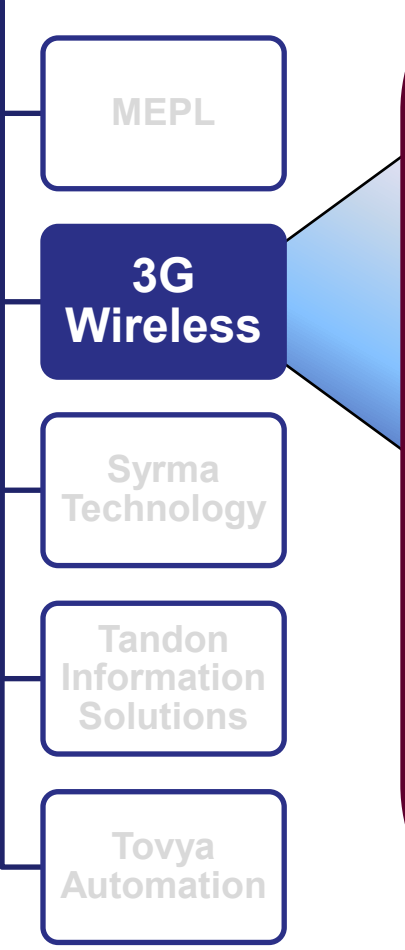
Industry



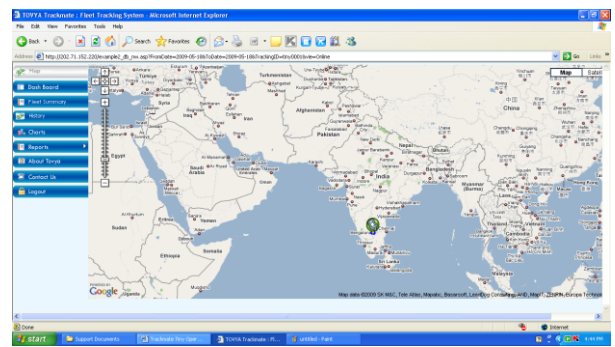
Military / Defense



Tandon Group Companies



- Easy Integration to
- your Application



Tandon Group Companies

MEPL

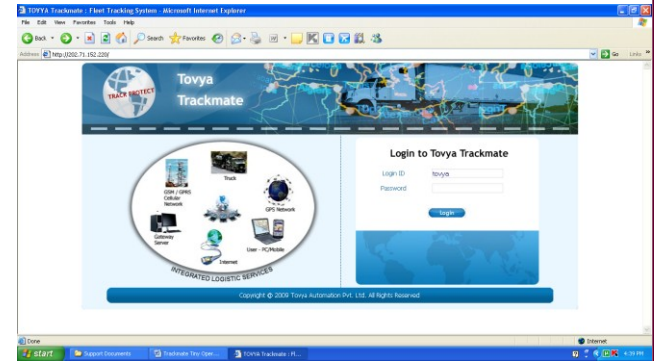
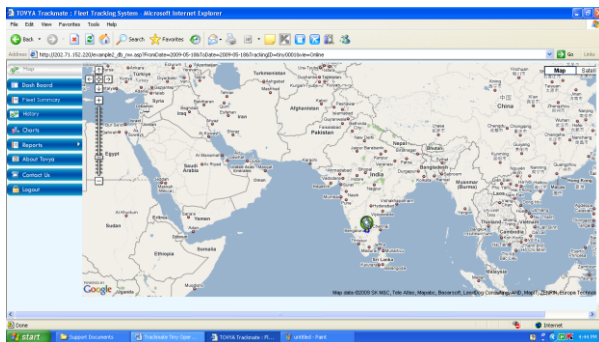
3G Wireless

Syrma Technology

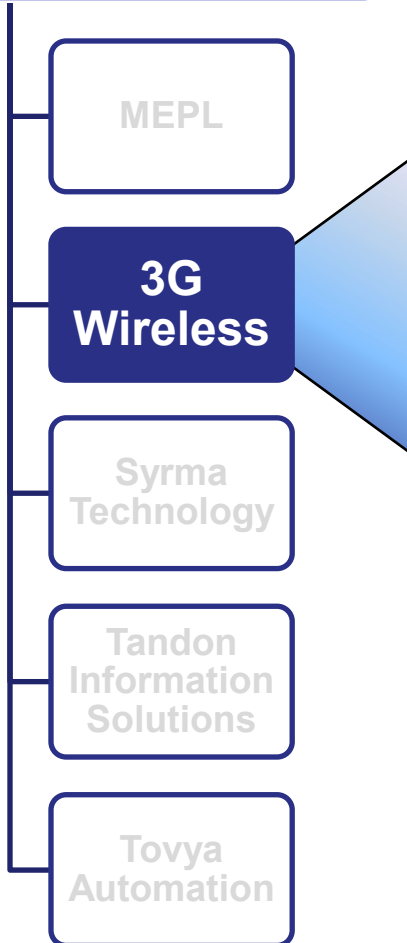
Tandon Information Solutions

Tovya Automation

- **Optional Web based Tracking Solution-Login Account –No Maintenance, Overheads, Zero CAPEX and minimum OPEX**

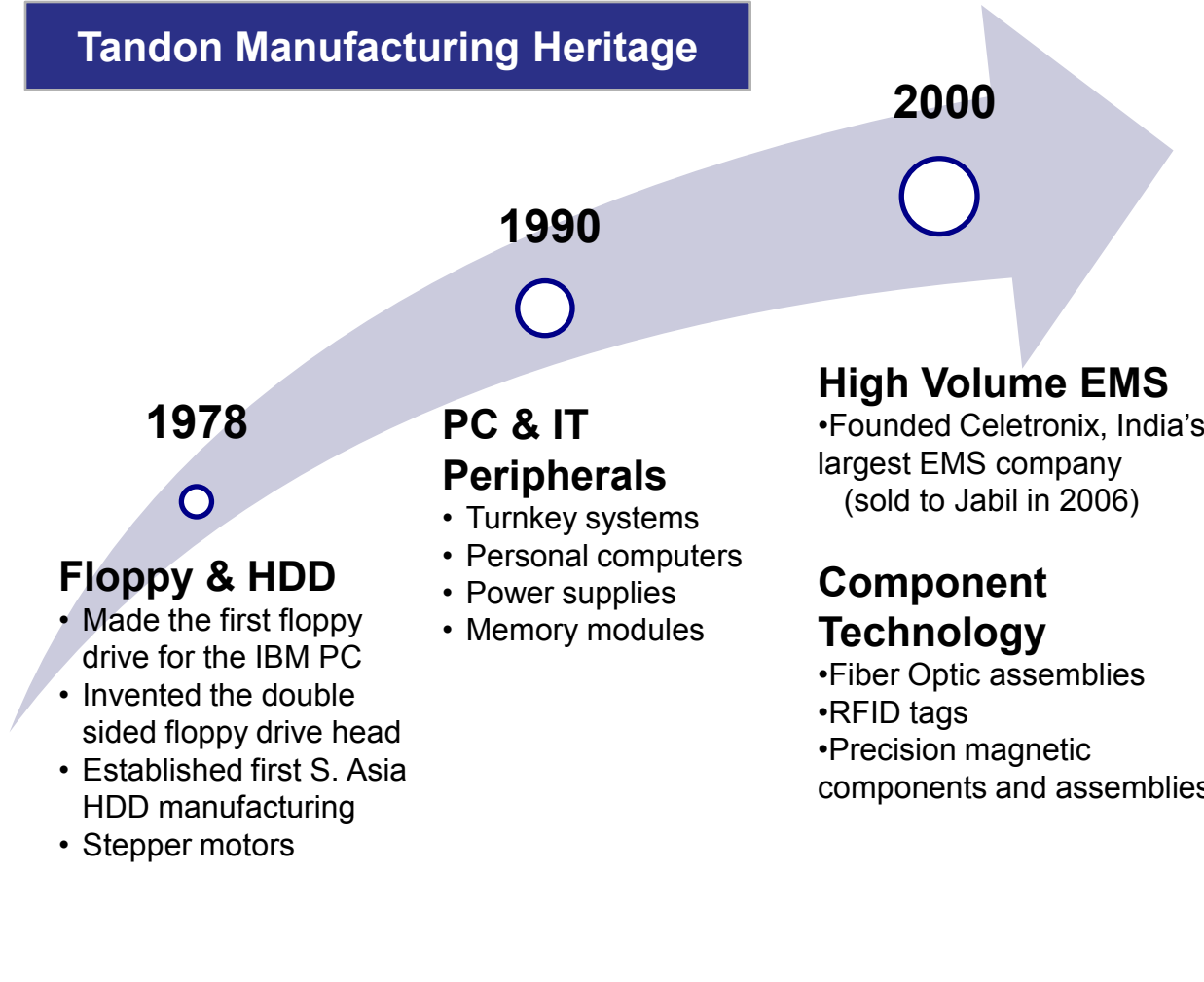


Tandon Group Companies



- **Features**
- **Voice**
- **Speeding Reports**
- **Fuel Consumption**
- **Stoppage Report**
- **Geo Fencing**
- **16 I/O Ports – Advanced Module**

Tandon Manufacturing Heritage



Key customers Include:

Dell, Apple, IBM, Compaq, Seagate, Western Digital, Echostar

**Tandon Group Today
2007 / 2008**

Competitive Global Manufacturing Source

- EMS focused on mid- to high-mix flexible volume programs
- Precision component technologies / RFID

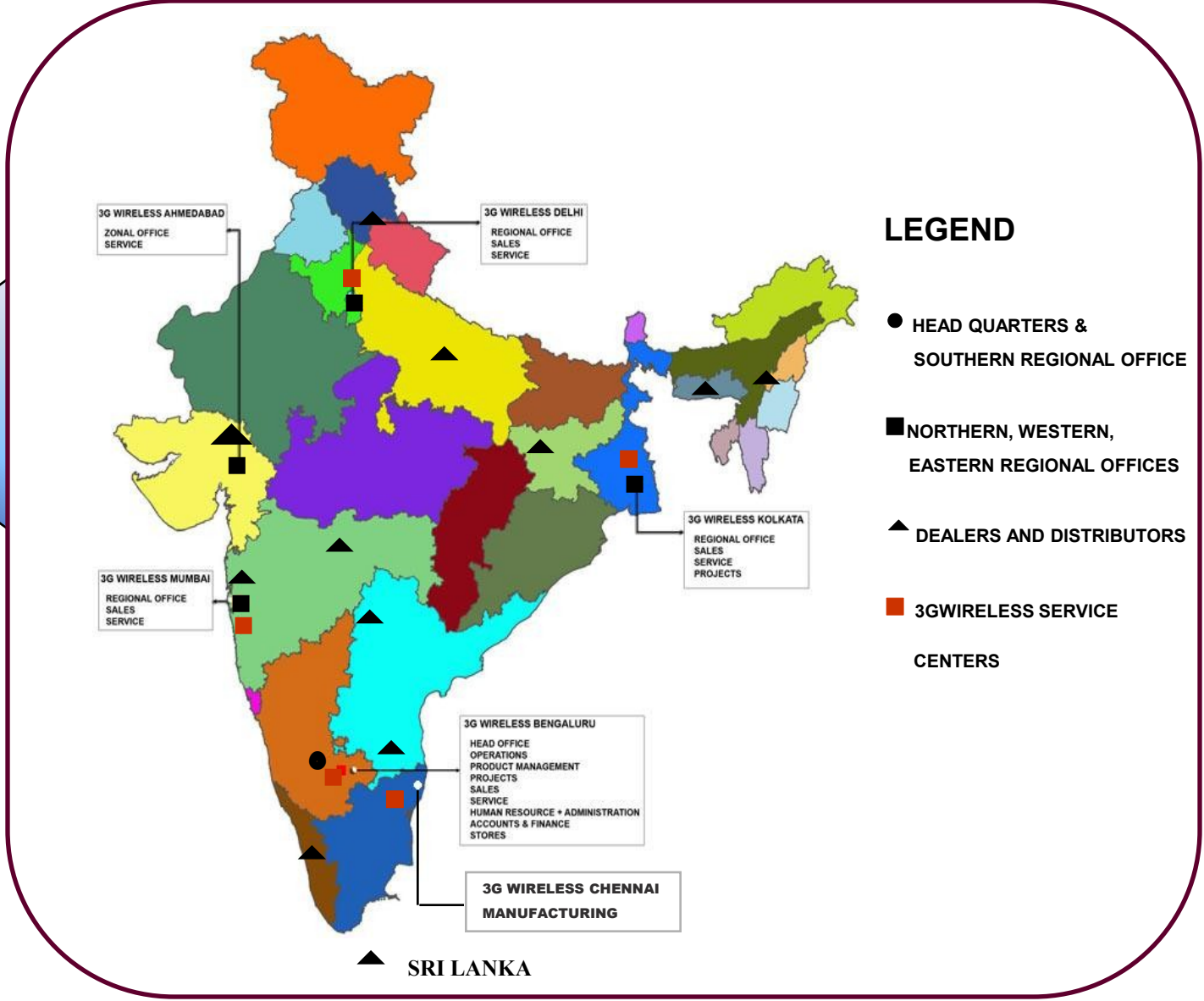
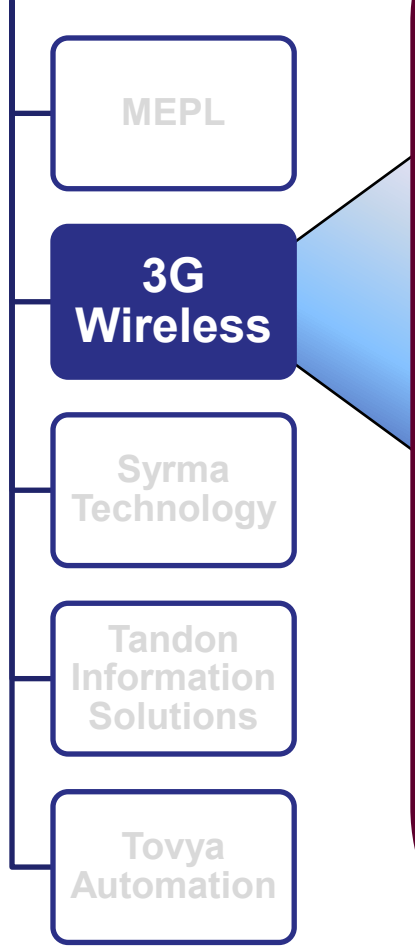
Strategic India market design and fulfillment services

- Defense
- Wireless data
- Industrial

Memory Modules

Software

Tandon Group Companies



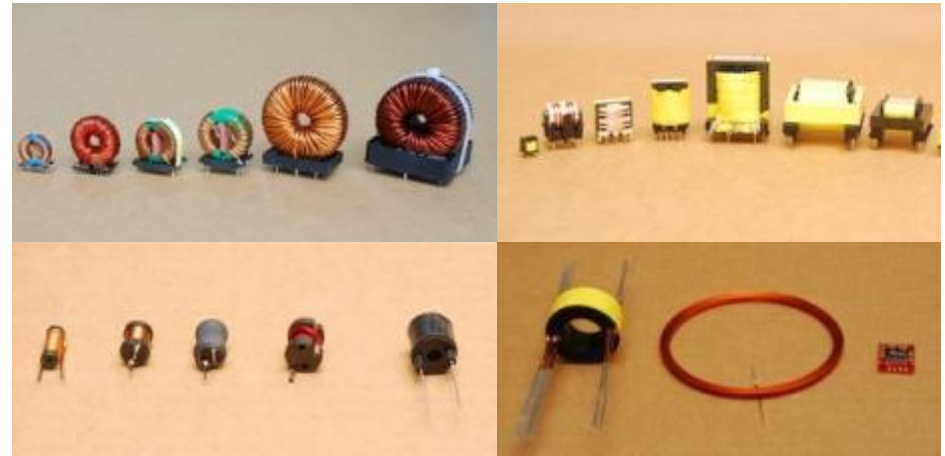
- Site began operations in 2005/06 in the Chennai SEZ for manufacturing of electronics
 - 90 Min to Chennai seaport / 20 Min to international airport
 - Easy import and export
 - Infrastructure advantages
- 100 K ft2 facilities
- 600+ employees, 50 engineers, 70 staff and 20 managers
- Expertise in high-mix, flexible volume precision manufacturing
- ISO9001-2000 / ISO14001 / TL9000 / ROHS



PCBAs



Magnetic Assemblies



Electromechanical System Integration



RFID Tags



| PCBA Assembly | Reliability and Test Equipment |
|--|---|
| 3 SMT lines | Profile projector |
| Total placement capacity: 60000 components / hour | 125Khz LCR meter |
| Fine pitch placement up to 12 mil | Solder paste viscosity meter |
| Component ranges from 0201 to BGA and uBGA & CSP up to 55mm square | Solder paste height measurement |
| 40 micron placement accuracy with 3 sigma capability | X-ray inspection system |
| Board size 500 x 450 mm | Agilent ICT tester |
| Board types – rigid, flex, ceramic substrate | ATT Micro tester for inductance, turns ratio, DC resistance |
| Placement machines – Fuji, Universal, Yamaha | Environment chamber |
| Screen printers – MPM Accuflex | Thermal shock chamber |
| Reflow Ovens – Electrovert, Heller | Salt fog test |
| Wave soldering – Electrovert, Ersas, Seho | Vibration and bump tester |
| | ROHS tester |

- Certification
 - ISO9001-2000 / ISO14001 / TL9000 / ROHS
- Roadmap
 - TS16949 By Q2 2009
 - Identified by Delphi as potential supplier for the automobile dash board electronics
 - Supplier audit process completed
 - Engaged TUV for assisting Syrma with the TS16949 certification
 - Currently in the process of GAP identification and closure
 - Target certification by Q2 – 2009
 - AS9100
 - Engaged TUV for assisting Syrma getting certified
 - Training session conducted for Engineers and Management
 - Currently in the process of GAP identification and closure
 - Certification process calls for a product to be built for Aerospace application
 - Target certification by Q4 - 2009

Tandon Group Companies have won 40+ awards for quality and leadership in electronic exports from India



ELCINA Trophy
for Outstanding Work
in Quality – 1994/05

Highest Electronics
Exporter
1992, 1993, 1994

Certificate of Merit
National Export Award
1989/90

MAIT Recognition for
Excellence in Exports
– 2002/03

Trophy & Certificate
Third Highest Export
on All Industry Basis
1996/07

