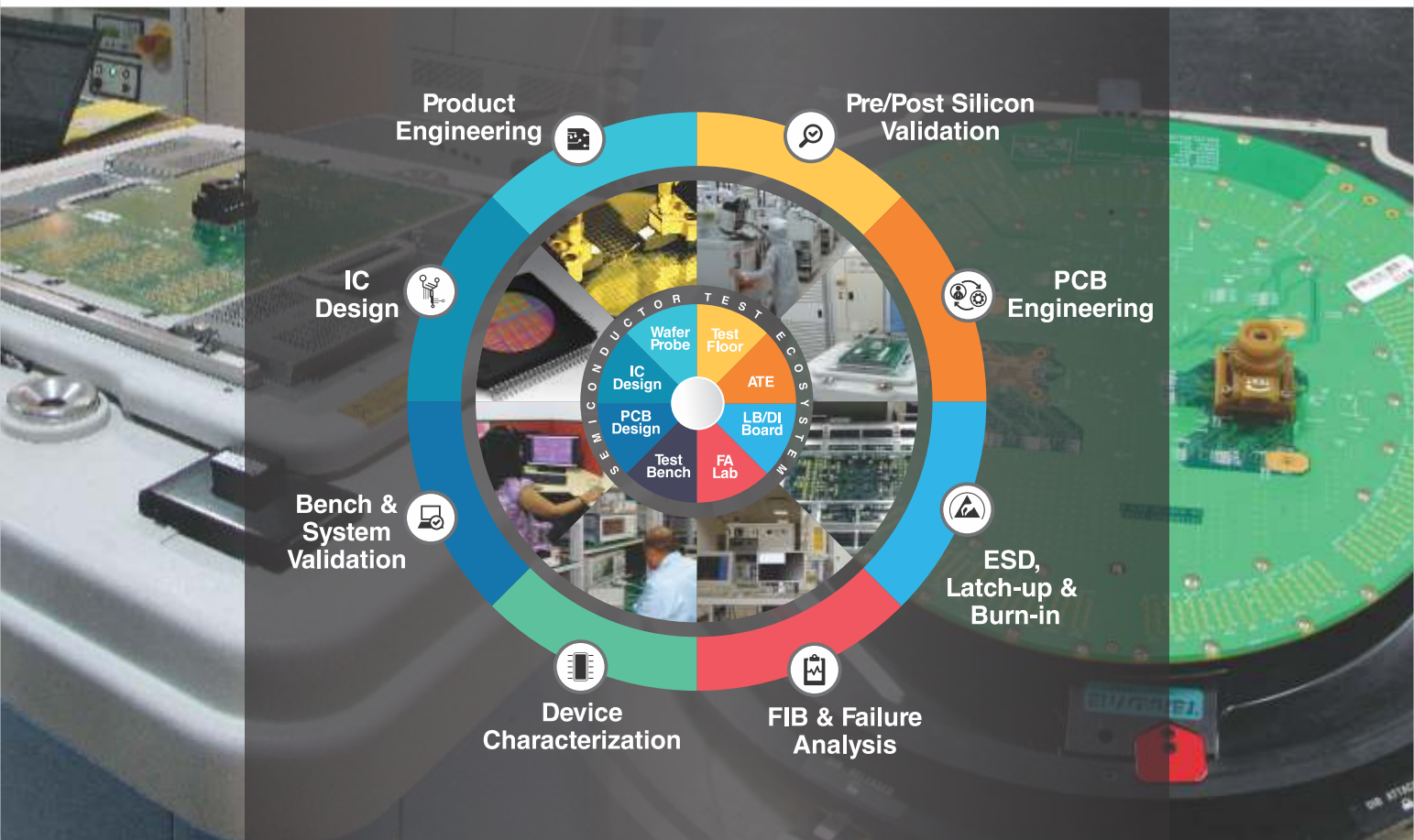


**Tessolve is a leading semiconductor engineering service company, offering engineering solutions in the areas of semiconductor design, Test/Product engineering, PCB Design, Failure Analysis and systems design.**

Tessolve's goal is to be an extended arm of semiconductor product companies and enable them to ensure good quality productization of their chips in a cost effective manner.



Delivering Excellence in Semiconductor Engineering



#### Pattern Conversion tool (Wavelink)

- VCD, EVCD, STIL, WGL
- Teradyne Flex, Catalyst, J750, ETS 364
- Advantest 93K

#### Test Engineering

- Test Plan Development
- Test Hardware (Design, Fabrication & Assembly)
- Probe Card Design & Fabrication
- Test Program Development & Optimization
- Wafer Sort Program Development
- Wafer / Device Debug
- Wafer / Device Characterization
- Production Release & Reliability
  - Multi-site conversion
  - Offshore Program release
  - Device Screening
  - Reliability Testing – Burn-in, MIL screening
  - ESD Testing – MM, HBM & CDM
  - Latch Up
- Others
  - Tester Platform conversion
  - Low volume Production - Wafer Sort & Devices
  - Tester Rental
  - Offsite Test centre

#### Bench Characterization

- Data sheet electrical spec. confirmation across PVT

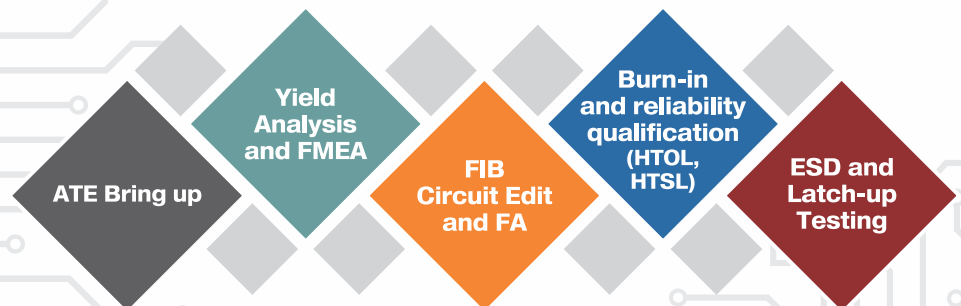
#### Facilities & Infrastructure

- In-house Test Platforms
- Wafer Probers
- Automatic Handler
- FIB Machine
- Decapsulation Machine
- Probe Station
- Production Back end equipment
- List of Testers
  - Advantest 93K
  - Terradyne Catalyst
  - Terradyne ETS364
  - Customer Consigned Testers



**ATE bring up and device characterization ensures device quality and meets time to market race.**

#### Post Silicon ATE Bring up



- Test Plan and Program Development
- Test Program & Device Debug (Wafer and Package)
- ATE Test Fixture and Interconnect Design
- Test Time Optimization
- Device PVT Characterization on ATE
- Device Bench characterization
- Conversion □ Multisite, Platform, Vector

Reliability qualification demonstrates the fitness of your IC for use in the field and helps our customers better understand the wear-out mechanisms.



Delivering Excellence in Semiconductor Engineering

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