

Jabil proprietary manufacturing software optimizes **FINAL ASSEMBLY, TEST & PACK (FATP)** processes from firmware programming and board test through customization, labeling, and packaging.

Enabling a smooth and rapid path from product design to commercial product delivery, Jabil process development expertise yields faster time to market, increased yield, and maximum precision. Jabil has considerable process development experience with automated FATP, including jig and fixture development.

Our process development engineers optimize the performance of manufacturing systems by identifying the best techniques and process controls for each customer to garner faster time to market and top quality results.

FAILURE ANALYSIS

- Cross Section
- X-Ray
- Dye & Pry
- Optical Measuring Microscope
- ERSA Endoscope
- Strain Gauge
- SEM-EDS
- FTIR

SAFETY TESTING

- SELV & LPS
- Current Limit
- Discharge of Capacitors Test
- Overload Test
- Components Short / Open Test
- Temperature Test
- Ball press Test
- Overload Test

ADVANCED ASSEMBLY

- Macro Assembly
- Wafer Level

MECHANICAL RELIABILITY TESTING

- 3G Vibration
- Scratch & Abrasion
- Repeated Drop
- Tensile
- Compression / Crush
- Connector Side Load
- Tumble
- Guided Drop

ENVIRONMENTAL TESTING

- Heat Soak
- Non-Operational Storage
- PMT Test (Particulate Motility Test)
- Thermal Cycling
- Temp & Humidity Cycling
- Sun Test
- UV Test

ELECTRICAL RELIABILITY TESTING

- RF Performance & Functional Testing
- Rx Level / Sensitivity
- BER / FER / Peak Phase Error
- ESD

JABIL.COM/GREENPOINT



DEEP INDUSTRY
PROCESS KNOWLEDGE



INNOVATIVE &
SCALABLE PRODUCTION



YOUR
SUCCESS

Your Innovation. Our Ingenuity. Realized.



At Jabil Green Point we simplify design, process development, and manufacturing complexities for our customers. We offer full product realization capabilities and provide a comprehensive set of engineering and industrialization services. We are uniquely positioned to deliver consumer electronics on time, at scale, and with the highest degree of quality.



FATP AUTOMATION

Jabil's Standard Integration Module (SIM) platform uses interchangeable modules to automate basic-to-complex FATP applications by using pre-engineered solutions — including wafer and PCB assembly applications — to greatly minimize risks, simplify integration, and reduce lead times inline or as standalone workstations for products including sports cameras, smart pens, and IR tracking cameras.

JABIL SIM PLATFORM CAPABILITIES

- Re-deployability, common interfaces, rapid application changeovers
- Variable levels of automation, semi-manual to fully automated
- Flexibility of configurations supports interrelated processes, production speeds, and quality levels
- Diverse processes -screw fastening, P2P soldering, label placement, precision dispensing, vision-based alignment, and pick-and-place assembly

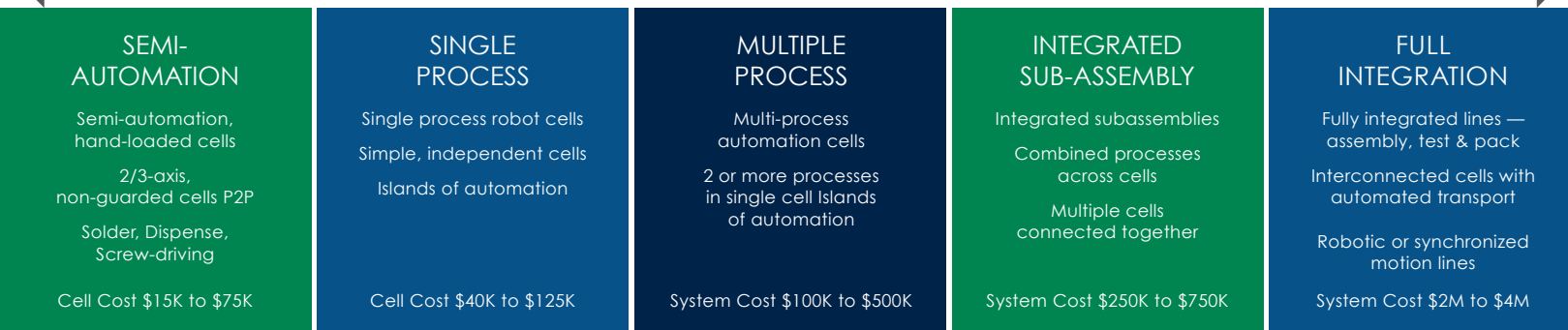
SIM BUILDING BLOCKS

- Contact tooling
- Part presentation
- Part feeders
- Part manipulators
- Material handling systems
- Vision systems and software

JABIL GREEN POINT'S UNMATCHED AUTOMATION INVESTMENT

← HIGH NEED FOR BUSINESS FLEXIBILITY

→ HIGH DEGREE OF BUSINESS CERTAINTY



← INCREASING COST & COMPLEXITY →



MOBILITY



CONSUMER CARE



ELECTRONICS



AR/VR



AUTOMOTIVE