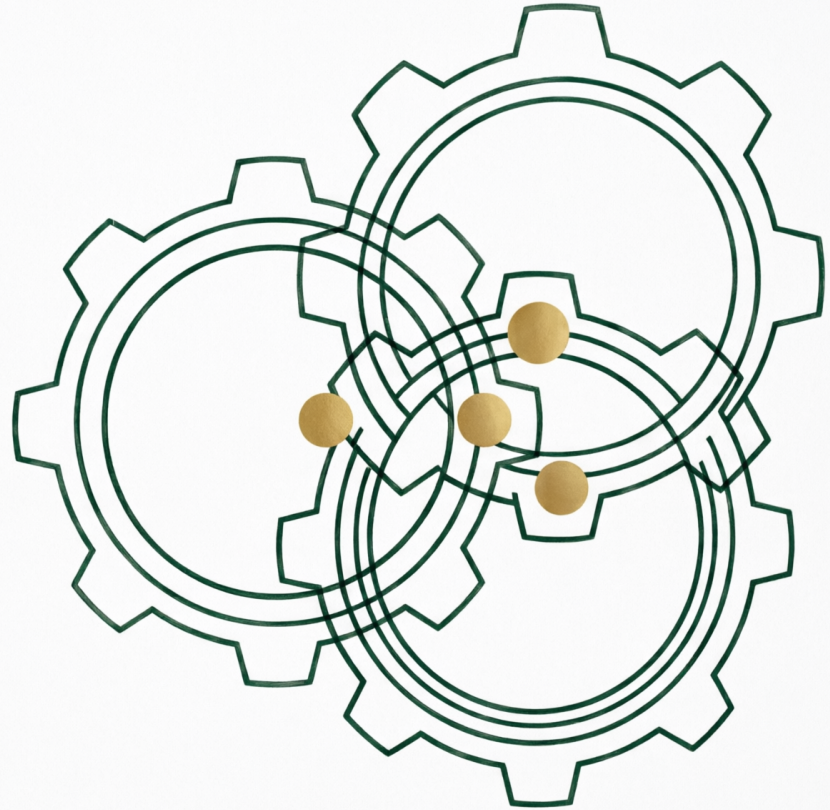


Industrial Automation & EMS Solutions

Empowering Industries with
Automation & Intelligence



New Delhi India | www.nikojitechnologies.com

Automation & EMS, Unified

Integrates three domains under one roof

Automation, EMS, digital tech—unified under one partner, zero fragmentation.



Maps capabilities to one accountable partner

From PLC programming and SMT assembly to custom software and IT—one team, one standard.

Industrial Automation

PLC/SCADA, VFD, Fixtures

Electronics Manufacturing Services

SMT, PCB Testing, Assembly

Digital Technology

Software, IT, Consultancy

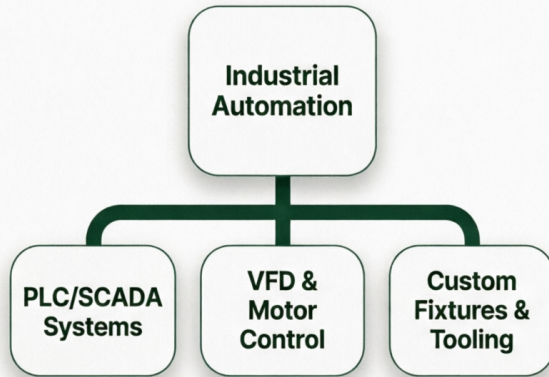
**Nikoji Technologies
— One Partner**

Unified accountability.
Accelerated production.

Three Pillars, One Partner

Industrial Automation

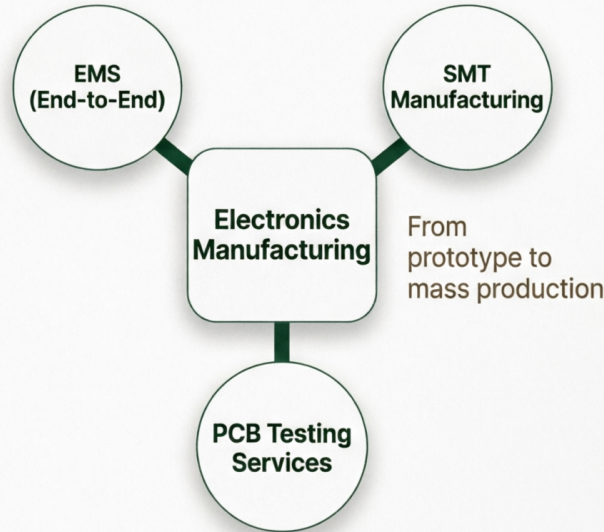
PLC, SCADA, VFD, and fixtures ensure peak efficiency.



Factory floor control and optimization

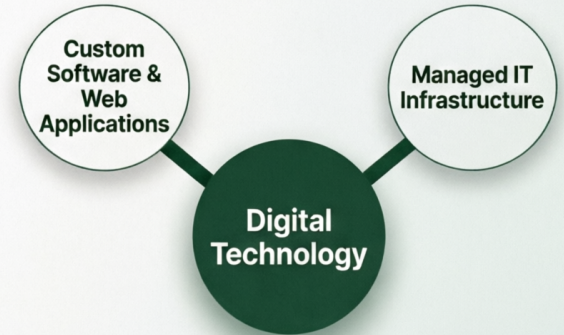
Electronics Manufacturing

EMS, SMT, and PCB tests ensure boards ship right.



Digital Technology

Software and IT infrastructure secure operations.



Digitise and secure your operations

Five Values, One Commitment

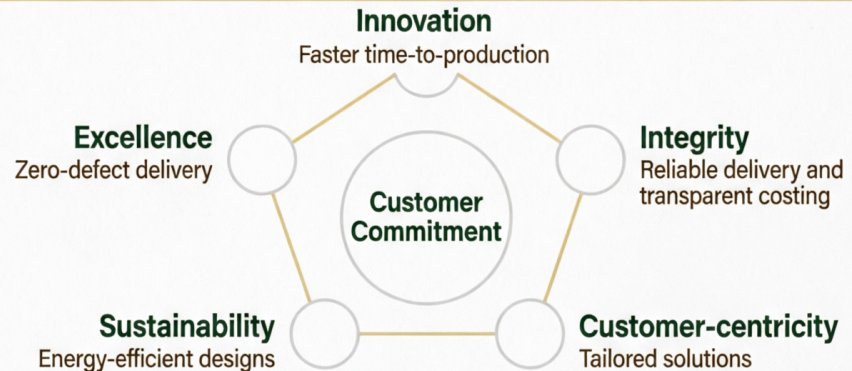
Five values guide us

Innovation, Integrity, Customer-centricity, Sustainability, and Excellence guide every decision.

Values become commitments

Each value delivers a measurable commitment to our customers.

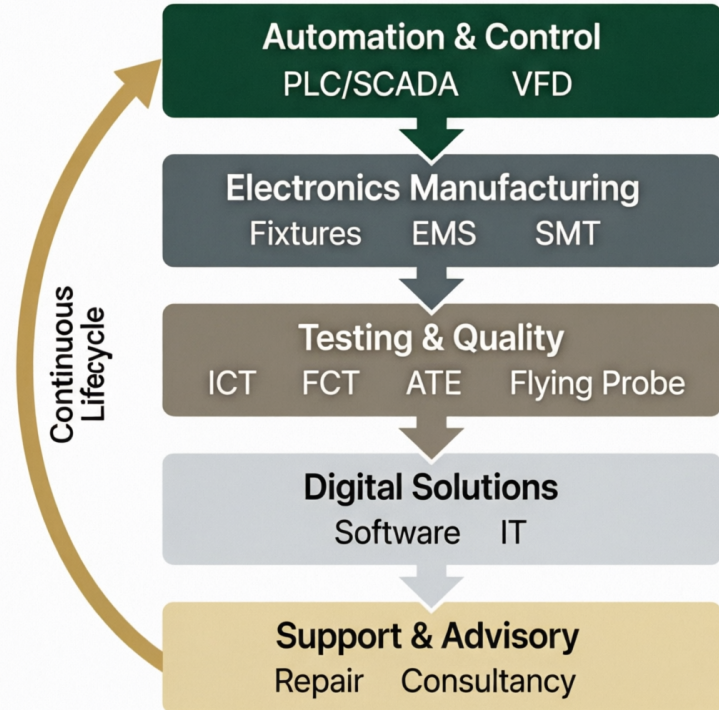
Zero-defect delivery



Thirteen Integrated Services Cover the Full Production Lifecycle

One roof, zero fragmentation

Thirteen integrated services span automation, manufacturing, testing, digital, and support under one partner.



PLC & SCADA: Unified Control

Real-time process visibility

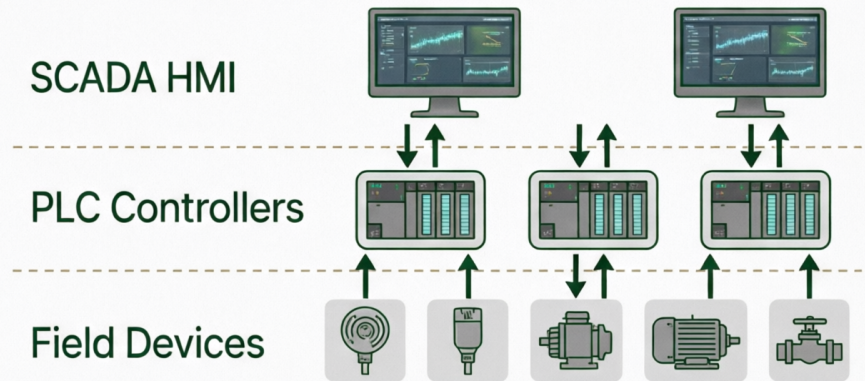
Monitor temperature, pressure, flow, speed; detect anomalies and optimize from one point.

One interface, full visibility



Layered automation architecture

Field sensors link to PLCs for logic; SCADA unifies data into one operator view.



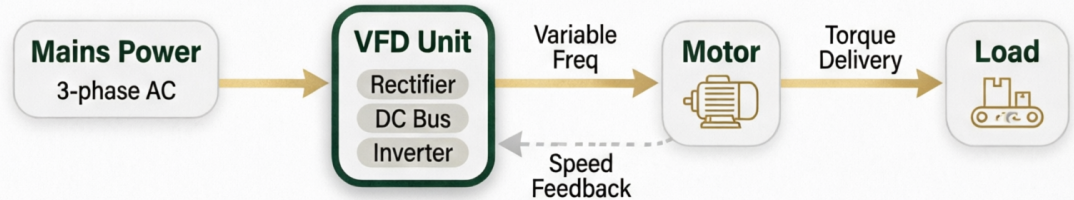
VFDs: Exact Speed and Torque

Restore Exact Speed

Precision replaces guesswork on every line.

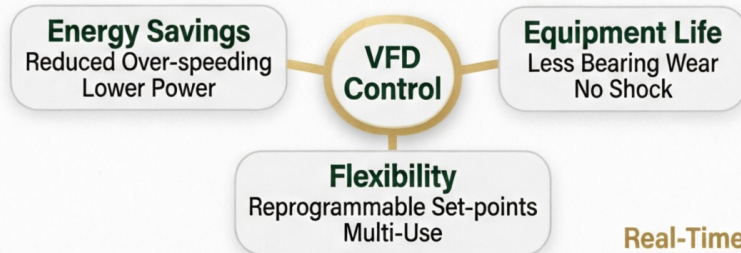
Conversion Mechanism

Fixed AC converts to variable output.



Operational Benefits

Cuts waste, reduces wear, adds flexibility.



Real-Time Precision

Fixtures Cut Time, Cut Waste

Four Fixture Types

Custom Fixtures & Tooling

Assembly Jigs

position and clamp parts

Welding Fixtures

hold joints under heat

Inspection Gauges

go/no-go dimensional check

Test Fixtures

bed-of-nails electrical contact

Designed to customer specification



Five-Stage EMS Drives Yield

Unified EMS means one partner owns every stage

One team retains full context from design to yield, cutting cycle time and catching integration issues early.

Five stages unify concept through production

Each stage feeds the next, removing handoffs. DFM and testing drive yield.



SMT Solutions Maximise Yield

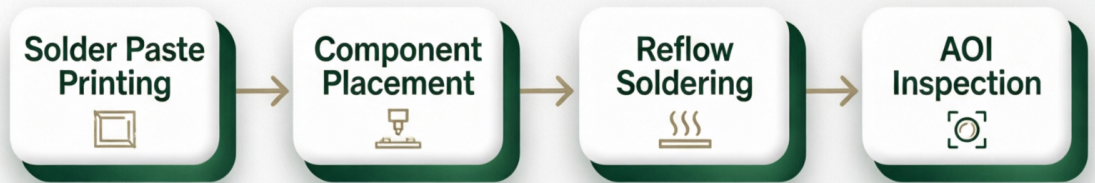
Precision Placement and Yield

High First-Pass Yield

Inline inspection detects defects in real time, ensuring consistently high yield.

Four-Stage SMT Process

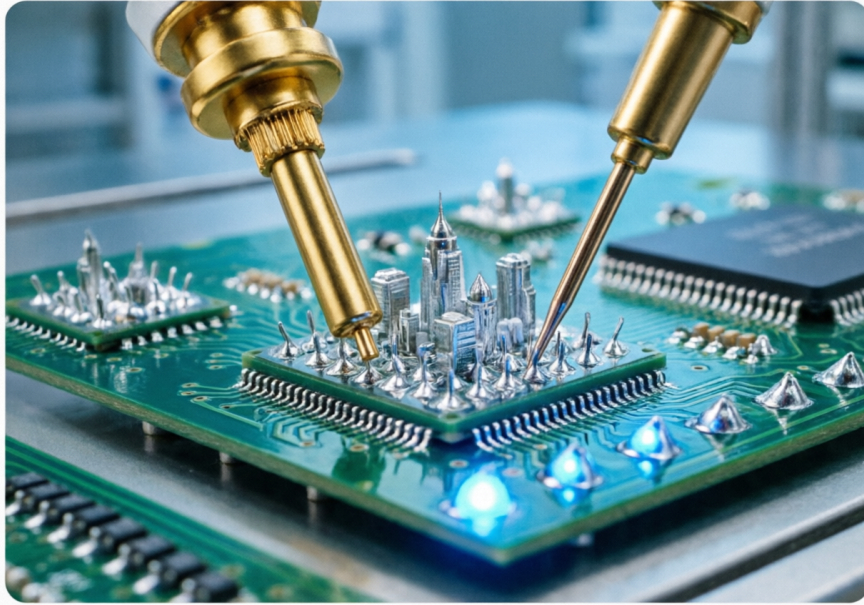
Stencil printing, placement, reflow, and AOI inspection form the SMT line.



Four Tests, Every Spec Met

Complementary tests verify quality

Combined fixture-based and fixtureless methods catch every defect, ensuring compliance.



No board ships unverified

Four methods classified

ICT checks points; FCT confirms function; Flying Probe and ATE need no fixtures.

Fixture-Based

ICT

Bed-of-nails

FCT

Custom fixtures

Fixtureless

Flying Probe

ATE

NI Platforms

Software Unifies Operations

Custom Software Replaces Manual Processes

Nikoji develops tailor-made software and web platforms replacing fragmented processes with a connected digital layer.

Dashboards and portals unify shop-floor and office data.

One Digital Layer



Managed IT, Always Secure

We Manage Your IT Stack

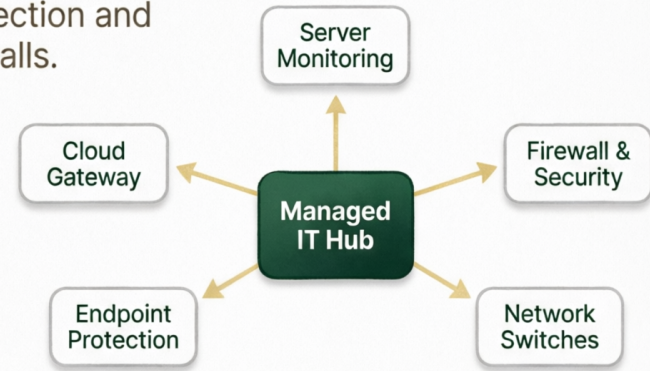
Proactive care across your full stack.



Your operations never stop

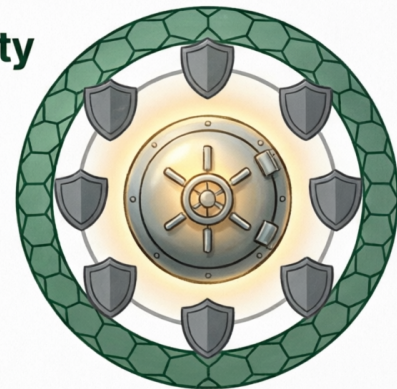
Server and Network Control

Always-on detection and managed firewalls.



Layered Data Security

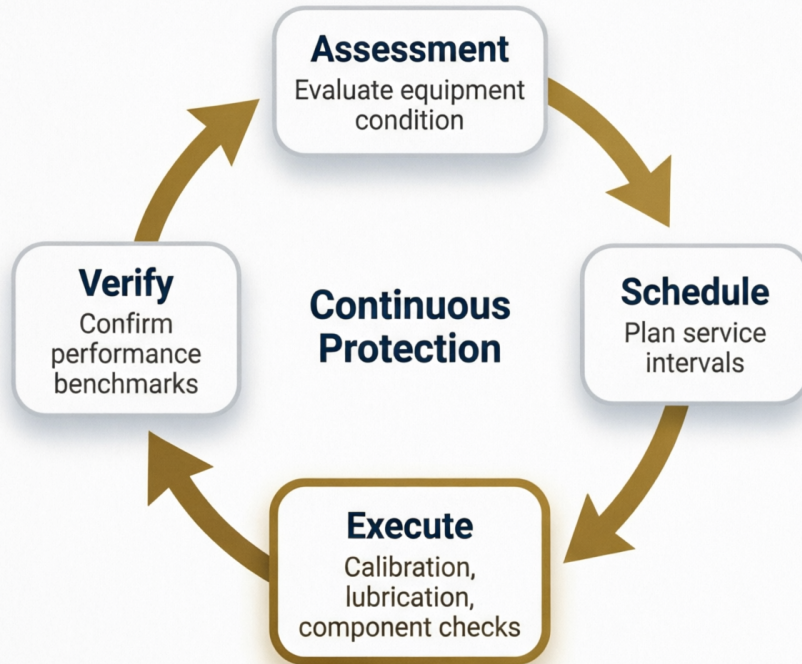
Layered defences guard data in transit and at rest.



Maintenance Cuts Downtime

Prevent failures with planned maintenance

Calibration, lubrication, and checks prevent failures, extending equipment life.

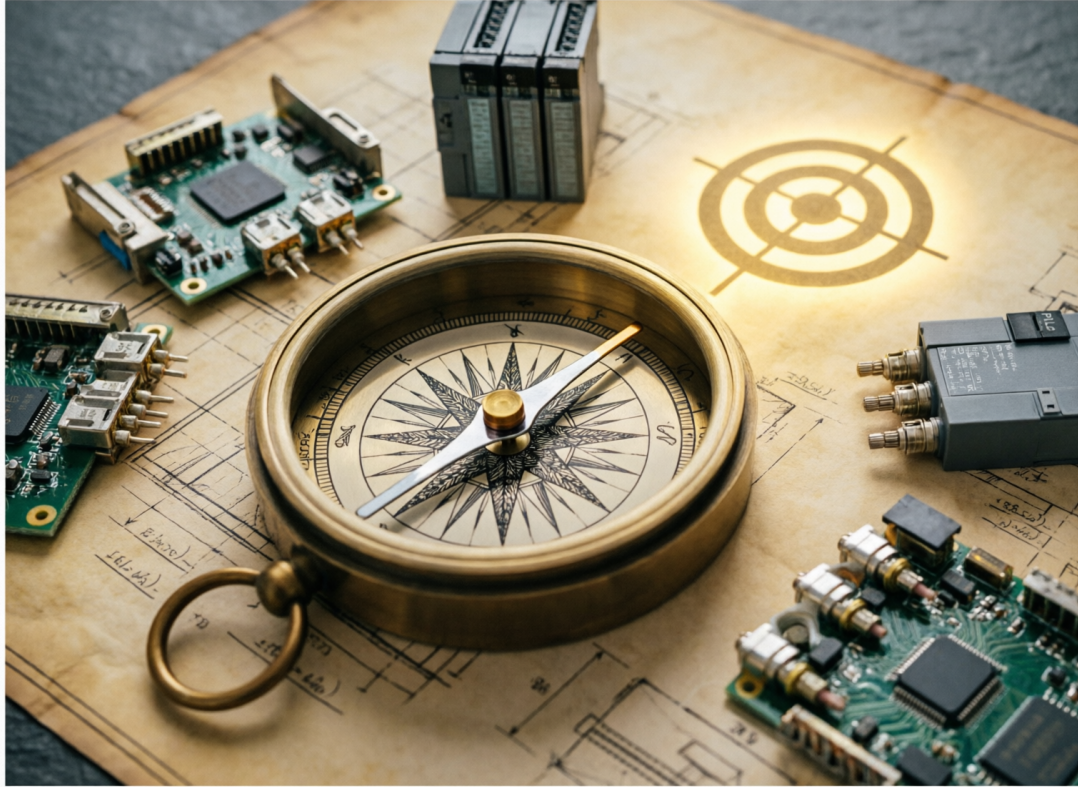


Rapid response restores critical systems

Technicians diagnose faults and restore operations, minimizing losses.



Consultancy Aligns Strategy



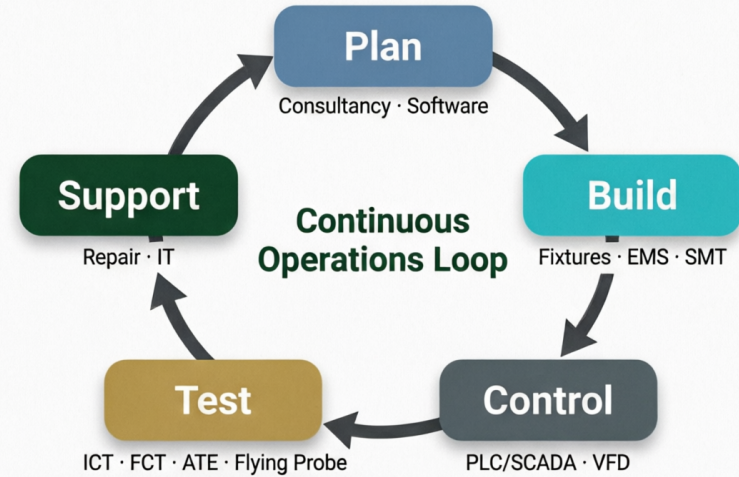
Bridging Automation and Goals

We align automation capabilities with business goals, assessing needs and evaluating options to design roadmaps that deliver measurable ROI within your operations.

Five Phases, One Unified Loop

The Five-Phase Cycle

Plan, Build, Control, Test, and Support connect every service into one cycle.



Eliminate Vendor Fragmentation

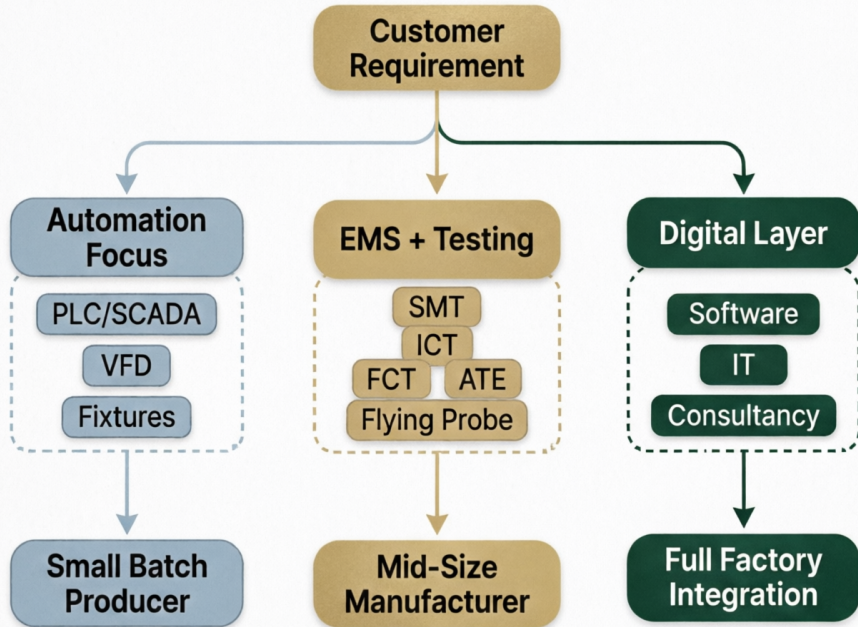
A single New Delhi team handles strategy to support — faster decisions, fewer errors.



One Team, Tailored Solutions

Modular, Requirement-Based

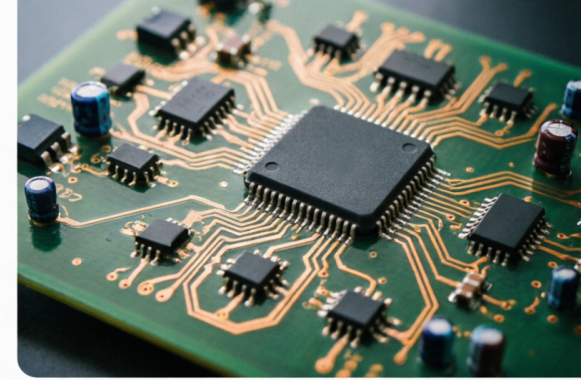
Select exactly the services your line demands.



Single-Partner Accountability

One contract, one team, zero finger-pointing.

One contract, one team, one contact



Three Disciplines, One Partner

One team spans automation, EMS, digital.

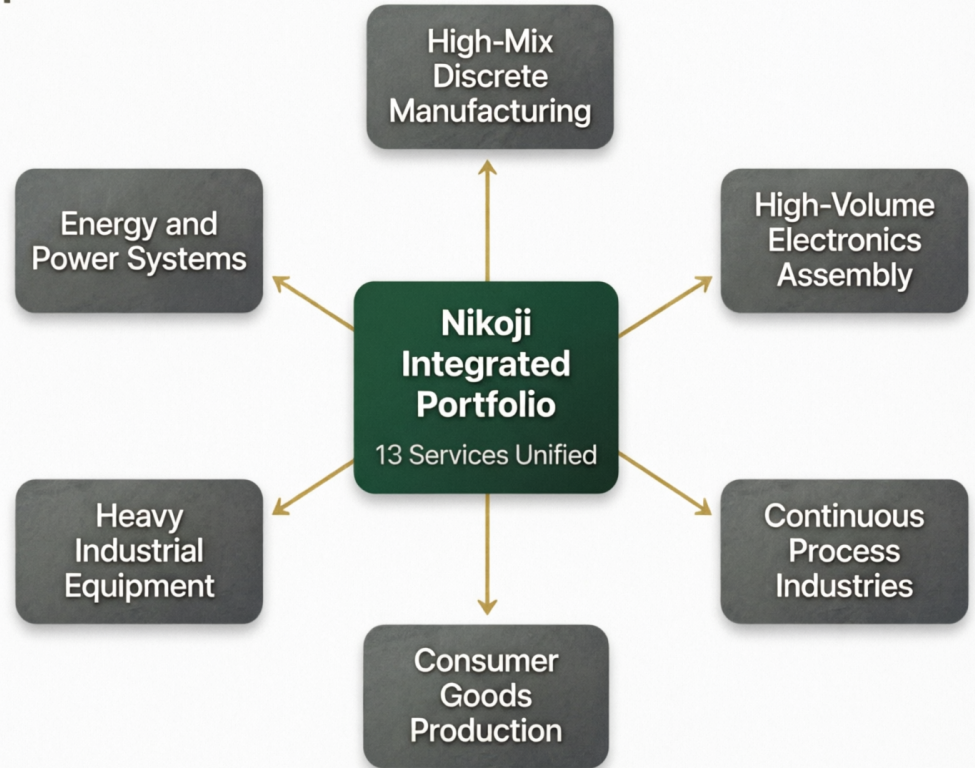


One Partner Serves Six Domains

One portfolio eliminates vendor fragmentation

From high-mix automation to electronics assembly and continuous monitoring, Nikoji delivers every capability through a single partner, shortening procurement and ensuring consistent quality.

13 Services Unified



Four Steps Deliver Right Fit

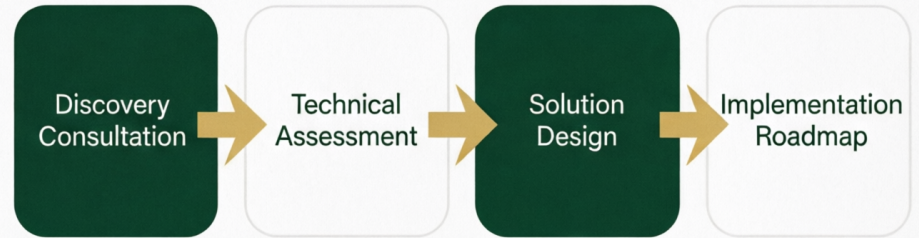
Cross-Functional Collaboration

Our team collaborates with yours to deliver actionable plans.



Map challenges through four steps

Sequential validation ensures evidence-based, precise recommendations.



Evidence-Based

Reach Our New Delhi Experts

Connect with our engineering team

We assess automation, electronics, and digital needs to deliver integrated solutions.



Schedule your consultation

Reach us by phone, email, or visit our New Delhi office Monday through Saturday.

