

Your Partner for Precision

THE PRECISION OF METAL STAMPING

SPECIALIZED IN



design, development and manufacturing of high speed stamping progressive tools, prototype tools, plastic injection molds and electroplating



MANUFACTURES

complex, close tolerance precision stamped components, plastic injection molded parts, insert & over molded parts and sub-assemblies for India and global markets including Europe and US



SUPPORTS INDUSTRIES

Electrical
& Electronic



Aeronautical
& Defense



Automotive



Consumer
Durables



Industrial
Engineering



And so on...



EIGEN AT A GLANCE

An **ISO/TS16949** & **AS 9100 C** certified

Established in **1995**
in India's high tech capital Bengaluru

Work Culture – **Flexible, Transparent, Robust & Reliable**

Business Ethics & Relationship
are directly proportional



UNIT 1 – 13000 Sq. Ft.



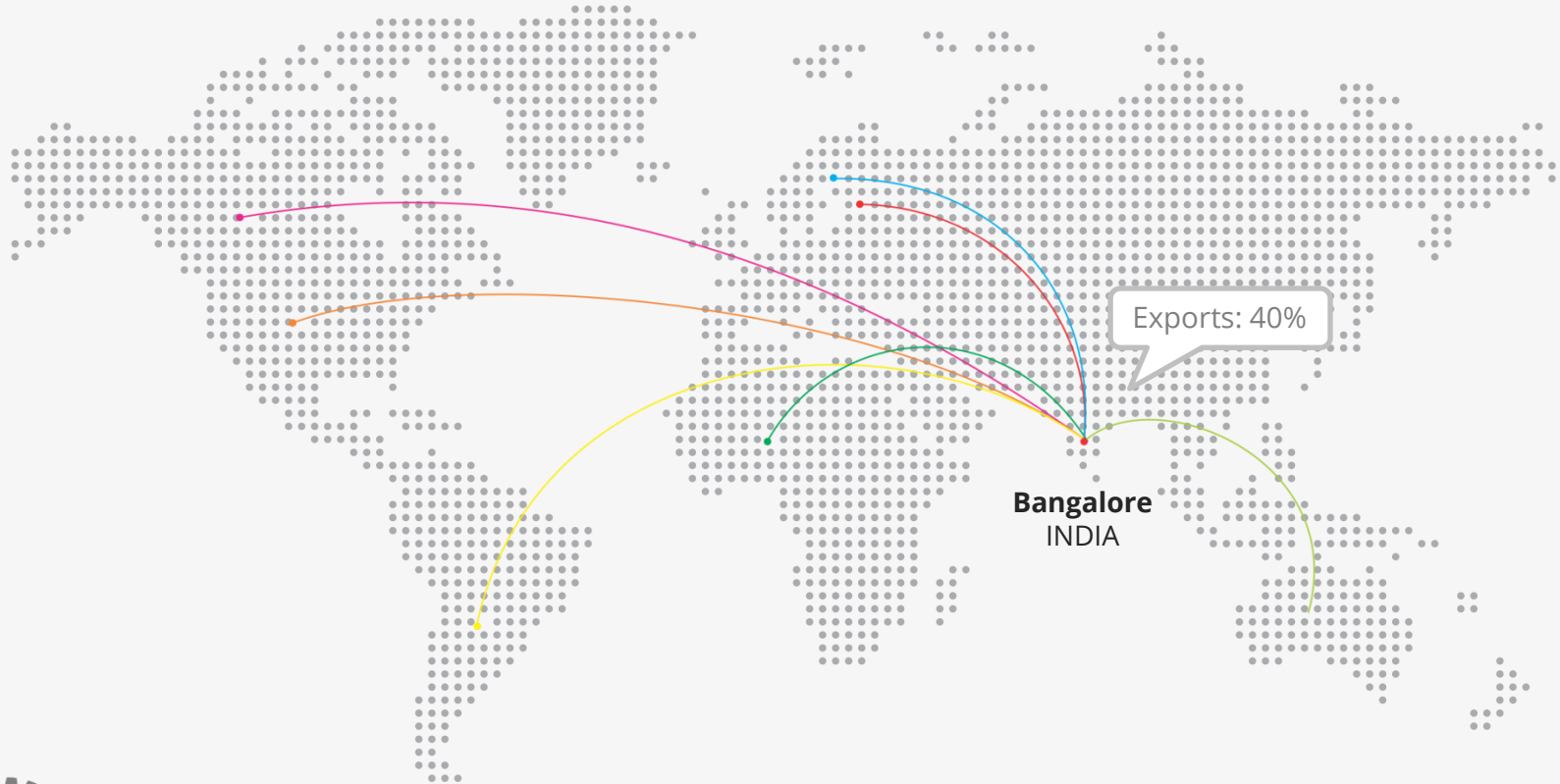
UNIT 2 – 7000 Sq. Ft.



UNIT 3 – 85,000 Sq. Ft.*

Spread across 85,000 Sq. Ft
near Bengaluru International Airport





Reaching Customers Wherever They Are !



Our Vision



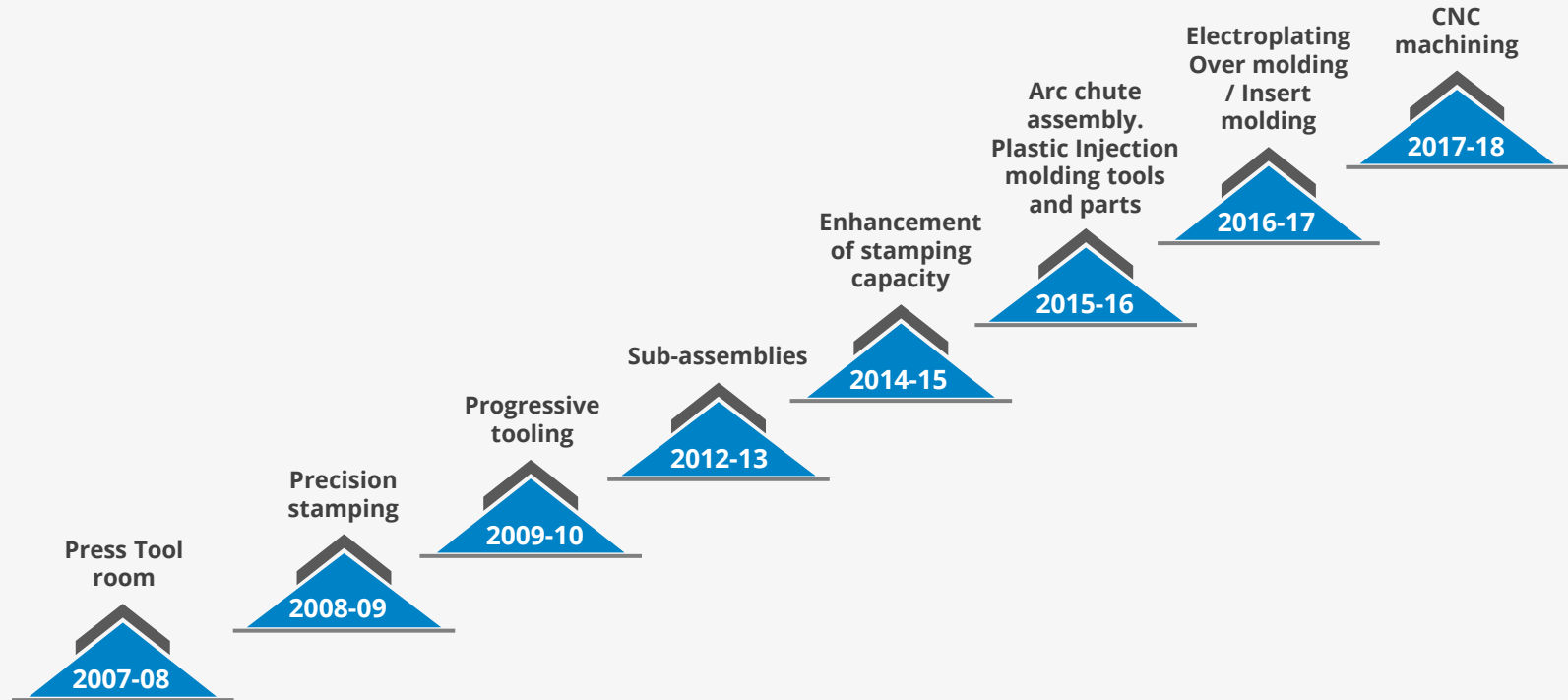
To become a reputed mega enterprise in the engineering sector through business excellence while upholding the ethics and core values for the benefit of stakeholders at large.

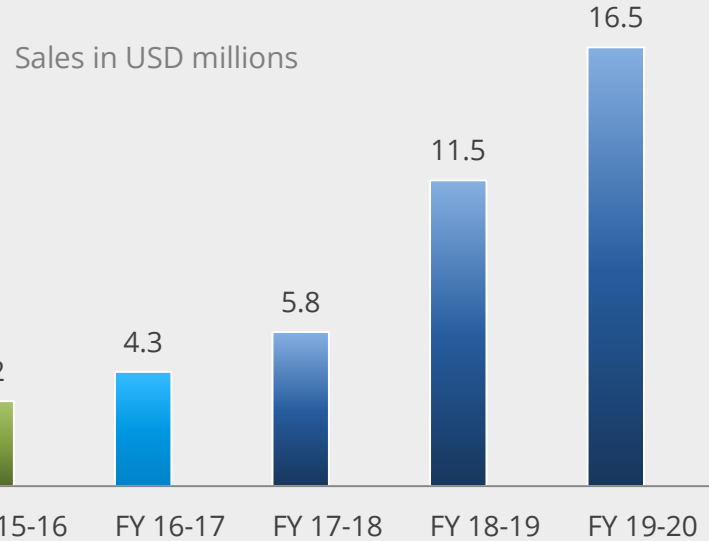
Our Mission



To be a reliable, preferred global solution provider and supplier to customers in the different segments of precision engineering industry by efficiently developing, nurturing and leveraging the capabilities and technologies.



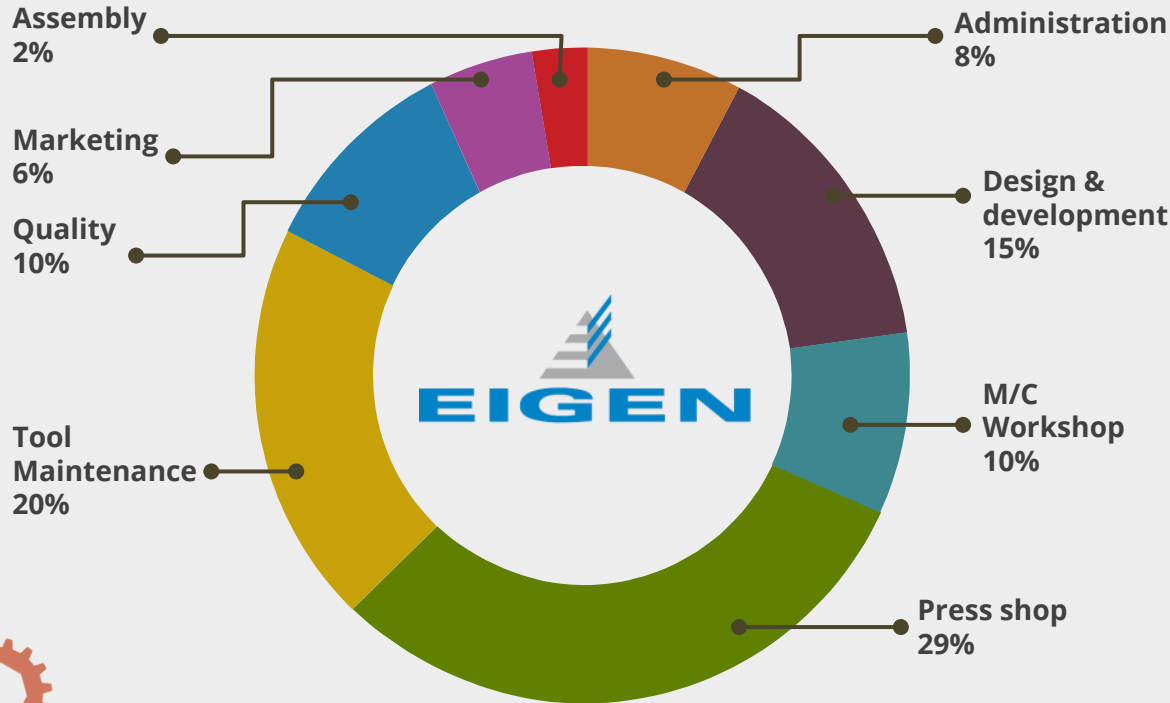




Growth Drivers

- Performance Acceleration through Capability Enhancement
- Organic growth
- In-organic growth






200
Employees



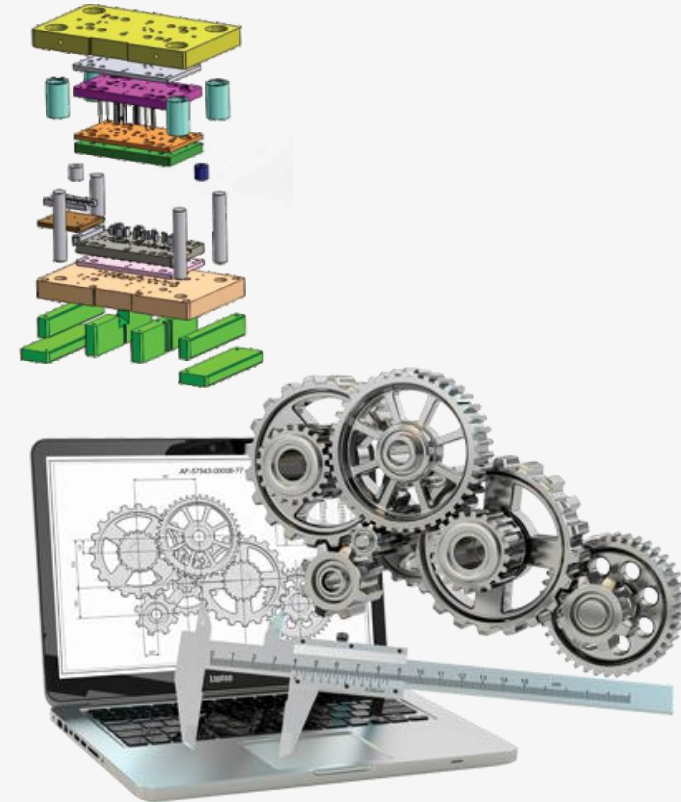
Arduous
training to
employees



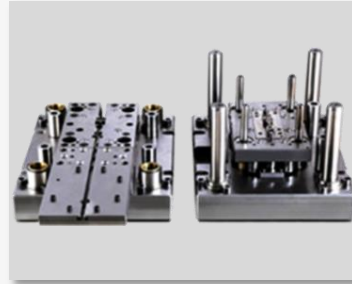
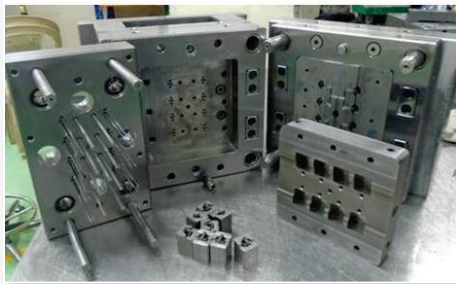
Working
3 shifts/day,
6 days/week



- The Primary asset of Eigen is its flawless design & engineering capability
- The proficient team garnering 5000+ men hour experience in tool design and development
- Design capabilities - High speed progressive tools and plastic injection molds
- State of the art simulation and CAD software such as AutoCAD, UG NX 9, AutoCAD inventor, 3D Quick press and Solidworks are used to produce the most efficient tool designs
- Redesign and engineering services to meet market specific requirements



- Proven track record of design, development and manufacture of single stage press tools to highly complex 45-stations or even higher tools with sizes ranging from 100 mm to 1000 mm
- Tool room using the best technology to ensure each component produced lasts a lifetime
- Eigen maintains control over the entire tool development with its rigorous and righteous QC (Quality Check) processes
- Press tools and specialized multi cavity molds are manufactured to the highest standards
- Manufacturing facility with Mitsubishi wire EDM, Spark EDM, conventional machine shop
- Developed 1000+ tools till now and counting

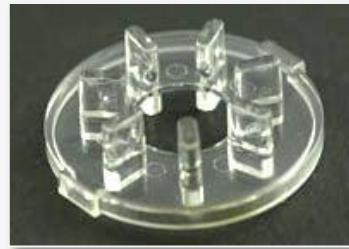


- Specializes in the stamping of close-pitch, tight-tolerance and high-precision parts
 - Position tolerance - 0.01mm / 0.0004"
 - Profile tolerance - 0.01mm / 0.0004"
 - Profile accuracy - 0.005mm / 0.0002"
- Stamping for ferrous and non-ferrous materials of thickness starting from as low as .002"/.05 mm and even lower, up to as high as .19"/ 5mm and even higher
- State-of-the-art press shop with presses ranging from 15T to 200T capacity and supplementary mechanical presses
- Production capacity of over 500 million components per annum



PLASTIC INJECTION / INSERT & OVER MOLDING

- Challenging molded plastic assemblies and sub-assemblies
- Expertise in high performance thermoplastics and molding processes
- Best possible combination of functionality, productivity and lower manufacturing costs for plastic parts
- Competence in special process - over molding and Insert molding



- Wide array of contract assembly services - integrated solution to customers
- Manual, semi-automatic and fully automated assembly techniques
- Arc-chute assemblies for MCB, MCCB and contact assemblies for domestic appliances
- Heater assembly for domestic and industrial circuit breakers
- Developed customized gauges for automated measurement of assemblies



- Prototyping / Small Batch Production
- Reel-to-reel electroplating services for a variety of precious and non-precious metals including: gold, palladium, palladium-nickel, copper, silver, tin and tin-lead
- Rack and Barrel plating services
- Vacuum heat treatment, Ultrasonic cleaning, Centrifugal tumbling and Polishing, Spot welding for stamped parts



Instruments

- Video measuring system (VMS)
- Profile projector
- Toolmakers Microscope
- Hardness Tester
- Micro-Hite

Product / Process control measures

- Batch card traceability for products
- Manufacturing process monitored by SPC control



System Certifications



ISO 9001



ISO/TS 16949

Automotive quality
management system certified



AS 9100C

Aerospace quality
management system certified

VDA QMC

Qualitäts Management Center
im Verband der Automobilindustrie

VDA Qualification Certificate - Continental
VDA Audit Score - 84%



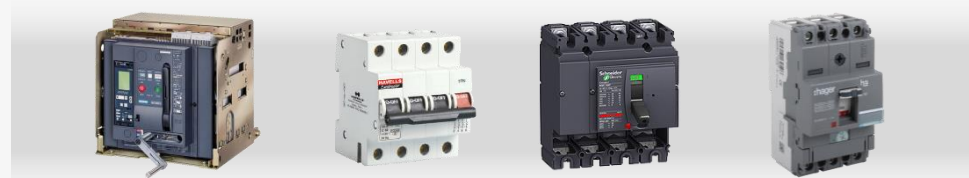
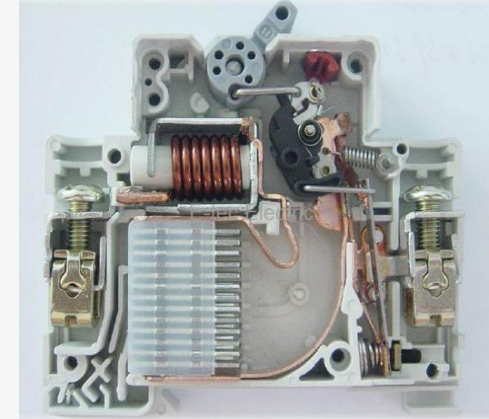
- Kanban and JIT delivery system
- Green Channel Supplier – Approved for Direct Line Supply
- 100% customer satisfaction on quality and delivery performance with major customers
- Quality circle, Kaizen are adopted to enhance quality
- Lean and Six Sigma methodologies are incorporated within our own Production System to enable continuous improvement and progress in all aspects of our Business
- Technical expertise and dedicated technical team to support product/process development
- Proven supply chain offering
- Customer Service levels monitored and maintained through effective communication, standardized work, KPI's, scorecards and regular customer feedback surveys





Electrical & Electronics

- O/L Relays & circuit breakers (ACB, MCB, MCCB)
- Miniature motors
- Switch Gears
- Electronic article surveillance
- Tube fuses
- Electronic time locks





Aerospace & Defence

- HV Relays
- Connectors
- Cabin light sensors
- Electro mechanical Relays
- Aerospace Batteries





Automotive & Ancillary

- Window lift motors
- Car door lock actuators
- Car door and steering locks
- Coolant pump sealing
- (L-R) light indicators
- Engine knock sensors
- Starter solenoid valves
- Safety Applications





Consumer Durables

- Mobile charger contacts
- LH & RH terminals
- Connectors



Industrial Engineering

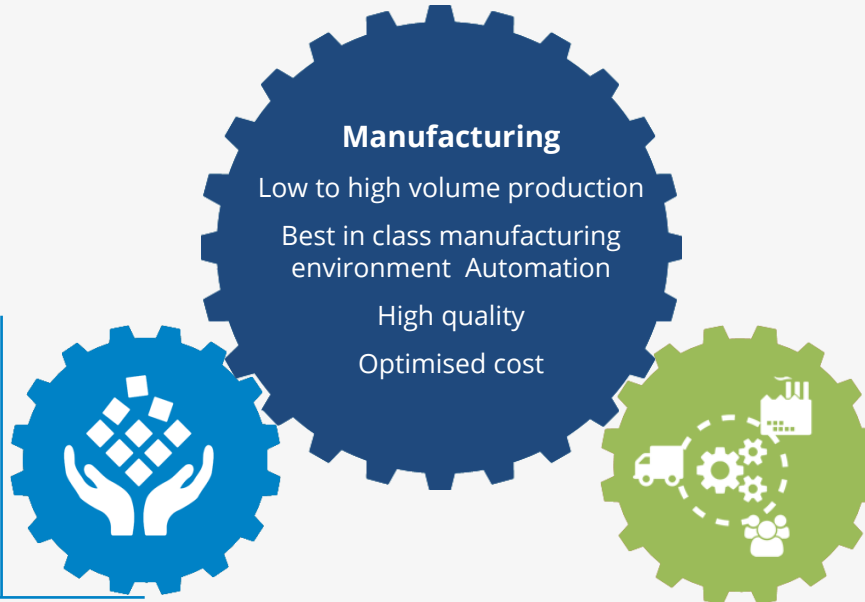
- Industrial Batteries
- Current Bars
- Solder tags



Eigen offers a full package of services ranging from design and development to full scale production providing customers with optimized supply chain solutions

Development & Innovation

Design for manufacture
Tool/fixture development
Process development
Simulation/optimisation
Prototyping/sampling



Program & Supply chain management

Process Optimization
Risk Analysis/FMEA
Quality Planning(APQP)
Ready-to-install assemblies
Tier 2 solutions
Global Sourcing



We yield extra-ordinary outcomes at Eigen

Our Sole Objective is to work in partnership with our customers to:

- Understand and satisfy their needs (QCD and strategic requirements).
- Understand their product and provide optimum value solutions.
- Conceptualize and Nurturing new solutions.
- Strengthen our partnership.



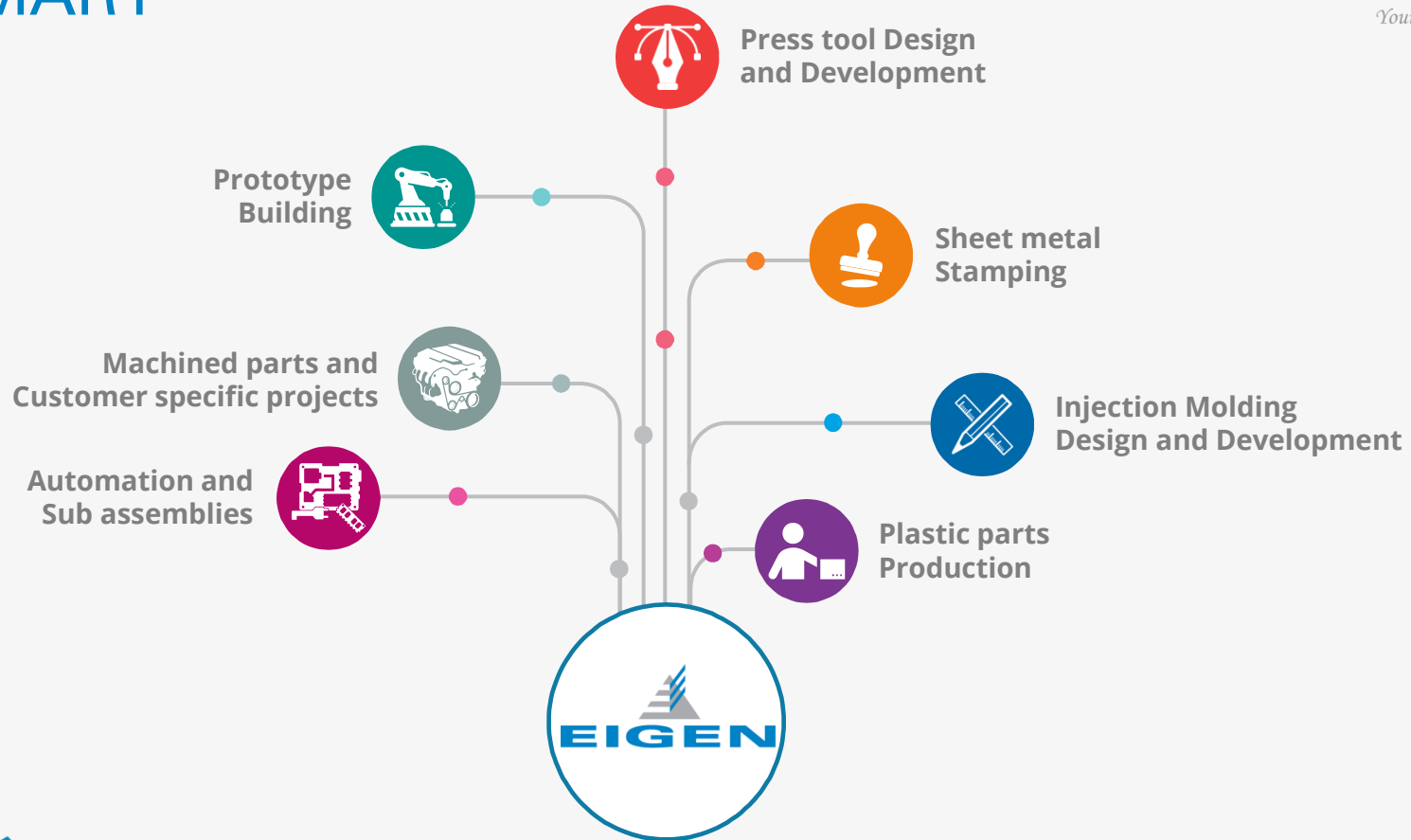
Our Primary Commitment to our customers :

- Quality, Persistence and Valuable Service are our topmost priorities in all aspects of our business.
- Continuous Improvement Approach.
- Innovation, Adaptability and Creativity.
- Reliability, Flexibility and Consistency.
- Proposition and Responsive Development.



As a strategic supplier, our goal is to generate long-term competitive advantages for our customers.







Your Partner for Precision

Delivering excellence



No. 408, 4th Main, 11th Cross,
Peenya Industrial Area, Bangalore,
Karnataka, India – 560 058



Jagadeesh B Patil
Chief Marketing Officer
jagadeesh.patil@eigenengineering.com
+91 99001 84430

