



ELCOMPONICS GROUP



EL CORPORATE PHILOSOPHY



OUR MISSION

To attain market leadership by providing customer with globally competitive and safe product solutions. To become a benchmark in Quality & cost efficiency by optimal resource utilization, process excellence & employees' skill enhancement.



OUR VISION

To be globally preferred solution providers.



CORPORATE CITIZEN

To comply all applicable legal requirements in letter & spirit Ethics over profitability To prevent pollution, ill health & injury, preserve natural resources and protect the environment.

WHO WE ARE?

- 35 years of excellence in the Electronics / Electrical Industry.
- The Leading exporter in our product category **with global customer based in Asia, Europe, USA etc.**
- One of the Largest manufacturer of Electronics / Electrical components for consumer durables, power electronics & industrial applications globally.
- Headquartered in Noida with **Eight manufacturing units** India.
- Strategic Investment in Invictus Austria and set up JV Elvictus Inc in Michigan USA
- Total Number of Employees: 1000+, Manufacturing Area – 3,25,000 sq. feet



COMPONENTS

PRODUCTS / SERVICES



EL GROUP HISTORY & MILESTONE

1988: A modest start in Allahabad

2006: TETPL started in Bangalore- Magnetics Joint Venture with TAMURA

2013: ELSOLAR started in Noida

2019: New 100K sq. ft. Plant started for further expansion...

2001: Independent Plant for "Wiring Harness" in Noida

2011: Chennai Manufacturing plant for Wiring Harness

2015: Chennai Manufacturing plant for TAMURA started

1988

1997

2001

2003

2006

2008

2011

2012

2013

2014

2015

2016

2019

2022

2003: Export unit established in Noida - For Wiring Harness

2012: ELKOHA – LED division in Noida

2016: EL AERO in Noida - UAV division

1997: 1st Plant in Noida for Telecom Equipment & Wiring Harness

2008: Full backward integration of wire: J V with AMOKABELS, Located in Noida # EOU plant moved to C-24 Noida- Main unit

2014: EL AGRO started in Noida - Organic food division

2022: Invictus Investment & Elvictus US JV

EL GROUP PAN INDIA PRESENCE

- 8 Factory Locations (Pan India Presence)
- Total Area: 325,000 +Sq ft
- Total Manpower: 1000+



A65, Sector-58, Noida



**Corporate Office & EOU
C24, Phase-2, Noida , UP**



A36, Sector-58, Noida



A120, Sector 63, Noida



C-61 , Sector 80, Noida, UP



**Survey No. 504/1B,505/5A1,
Tiruvallur , Chennai**

ELCOMPONICS OVERVIEW

ACHIEVEMENTS

- Star Export House
- 35 years of Excellence in Wiring Harness Industry
- Presidents Awards:
 - Niryat Shree Gold Award
 - Outstanding MSME Award

SERVICES OFFERED

- Alternate sourcing of components
- Value Engineering
- Design, development & manufacturing of Wire Harness
- On-Site / Off-site VMI

FACILITIES

- 325,000 sq ft manufacturing area
- 1000+ employees
- Capacity Utilization -40%

Wiring Harness & Connector Assemblies

CERTIFICATIONS

- ISO 9001, 14001, 45001, IATF16949
- Aerospace certified AS9100
- Medical certified ISO13485
- Product certifications like UL, CE, CSA, GOST-R, ISI
- IPC620C

MANUFACTURING LOCATIONS

- Noida (EOU)
- Chennai
- Michigan US

WAREHOUSING

- Asia
- America

EXPORT

- 80% of the turnover comes from EXPORTS

PRODUCT RANGE

- Flat/Ribbon cable harness
- Wiring Harness
- Over-molded cable assembly/harness
- Power cord and Power cable assemblies

CAPABILITY

- From Copper drawing to Wire Manufacturing to Harness assembly

ELCOMPONICS BUSINESS SEGMENT



WIRE ASSEMBLIES

- Wiring Harness
- Power Cable Assemblies



WIRES & CABLES

- UL Style wires
- PVC, XLPE,PV wires



MAGNETICS

- Transformers (Single and Three Phase) up to 1000 KVA, 11 KV
- Solenoid / Torroid / Current Transformers



AVR

- 2 KVA to 100 KVA Range



LED LIGHTING SOLUTIONS

- Indoor & Outdoor Lighting
- Office Lighting Solutions
- Street Lights



SOLAR ENERGY SOLUTIONS

- EPC, O&M
- Solar Inverters
- Solar Cables & Cable Assemblies

ELCOMPONICS- PRODUCT DIVERSITY OF CABLE HARNESSES

- Cable assemblies within Elcomponics can be grouped into 5 main categories.



Wiring Harnesses



Lead Wire Assemblies



Power Cable Assemblies



Battery Connector Assemblies



Networking & Communication
Cable Assemblies

ELCOMPONICS- CUSTOMER BASE

OPTION 1

Industrial Segment



Home Appliances



Green Energy



Traction, Oil and Gas



Health care and Medical



Automotive



ELCOMPONICS- CERTIFICATIONS

System Certifications

AS9100D – *Aerospace*

IATF16949 - *Automotive*

ISO13485 – *Medical*

ISO 9001 – *QMS*

ISO 14001 – *EMS*

ISO 45001 – *OHSAS*

Product Certification

UL Registered (American Standards)

CSA Approved (Canadian Standards)

CE

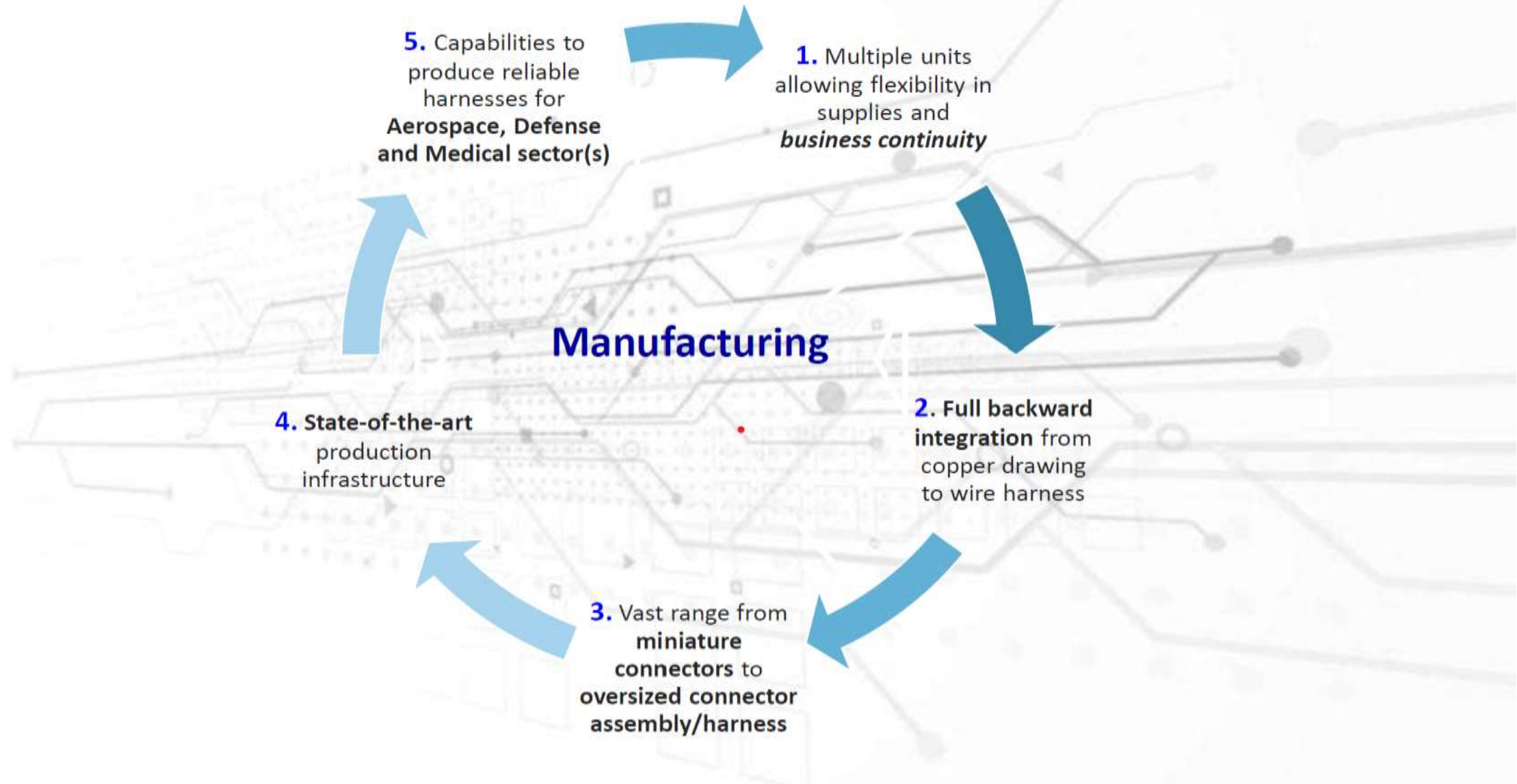
ISI Approved (Indian Standard)

GOST R (Russian Standards) (European Standards)

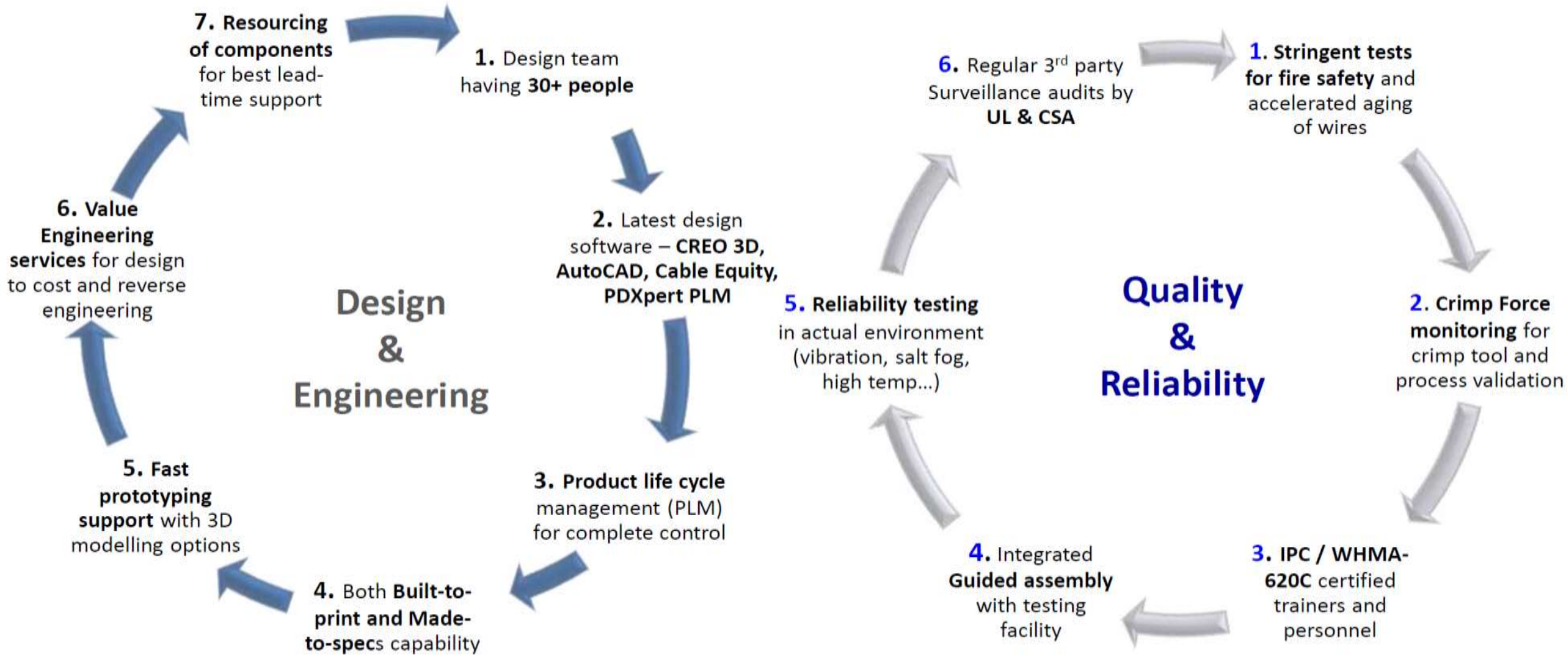
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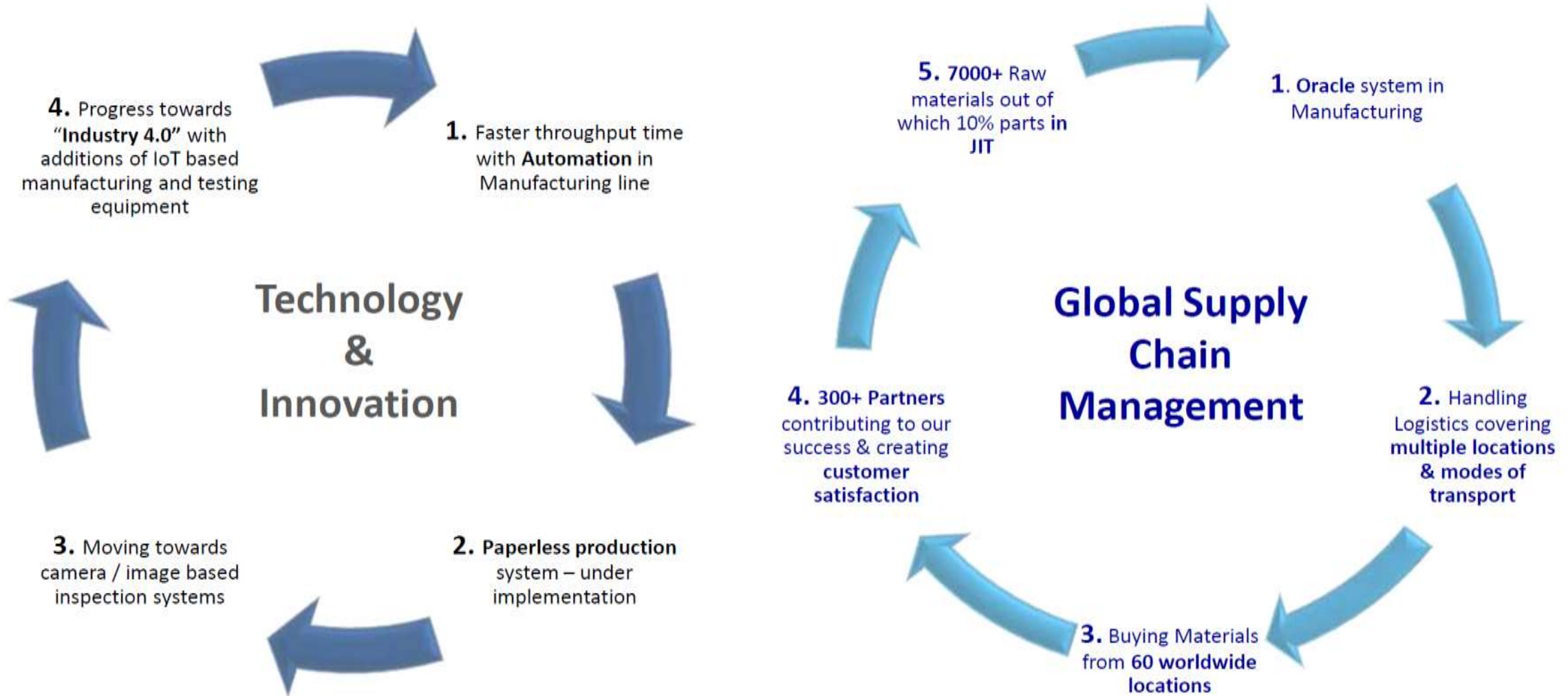
ELCOMPONICS CAPABILITIES



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ELCOMPONICS INFRASTRUCTURE - MANUFACTURING

- Fully Automatic Cutting, Stripping & Crimping Machines along with

- *Tinning & Twisting module*
- *Seal insertion module*
- *with Wire dispensing & bundling system*



- Semi Automatic crimping machines including special one for power cable lugs up to 5 Tons



- Automatic Ferrule Crimping – Fast Ferrule crimping up to 1200 nos / hr with automatic stripping & ferrule feeding



ELCOMPONICS INFRASTRUCTURE - MANUFACTURING

- Programmable Wire stripping & Twisting machine (for multicore cables) with large processing range

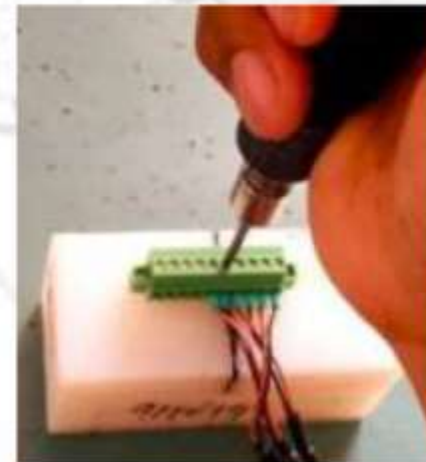


- Programmed nos. count torque controlled screw driver with Annunciator alarm

Screw point settings are programmed to avoid missing screws

Annunciator alarm(Inset) to show that the screw is tightened or not as per Preset Torque

**VERY STRONG POKA YOKE –
PRAISED BY BLOOM QUALITY**



ELCOMPONICS INFRASTRUCTURE - MANUFACTURING

- Conveyorised and static board assembly



- Quick Build Harness Board System



- Heat shrinking tube assembly with Hot Air & IR based machine



ELCOMPONICS MANUFACTURING STRENGTH - AMELCO

- **In-house Wire manufacturing**



- **Braiding**

Maximum speed 150 R.P.M

*Max. outer dia.14mm, apply to copper wire
and tinned wire*



- **Copper Processing**

- *Complete CNC with tight spec controls*
- *IOT enabled*
- *High speed 100m/ min*
- *Strip width detection with laser gauge*
- *Minimum Thickness 0.035mm*
- *Nitrogen Cooling & Finishing*
- *Inline Annealing*



ELCOMPONICS- QUALITY ASSURANCE LABORATORY



UTM Machine (Universal Tensile Machine)



High Voltage & leakage Current Testing Equipment



Ageing Oven



Humidity Chamber

ELCOMPONICS- QUALITY ASSURANCE LABORATORY



RoHS Analyser



Power Cord Abrupt Pull tester



Crimp Profile Projector/Crimp Validation Equipment



Wires & cables Concentricity Tester

ELCOMPONICS DESIGN & DEVELOPMENT

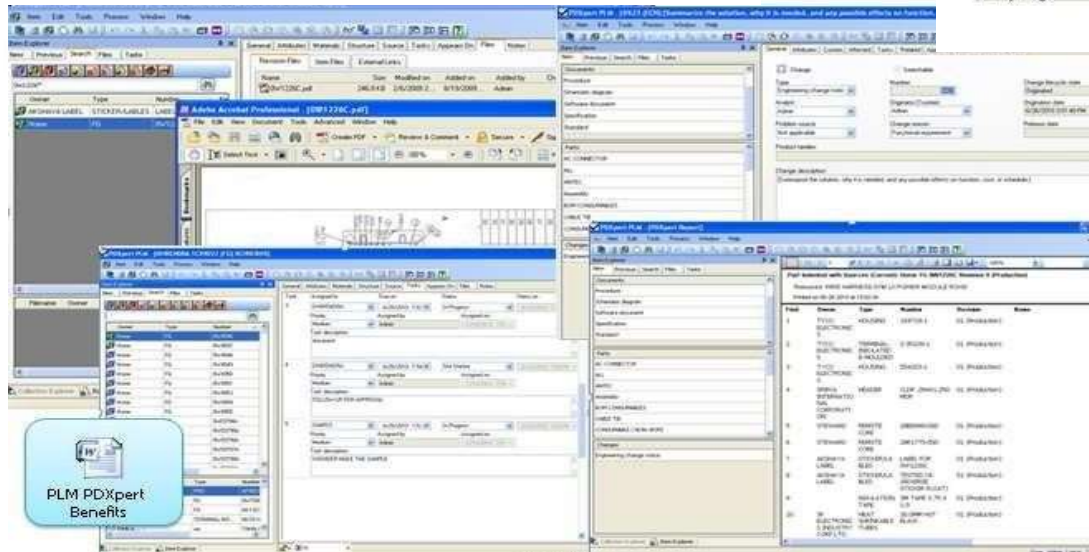
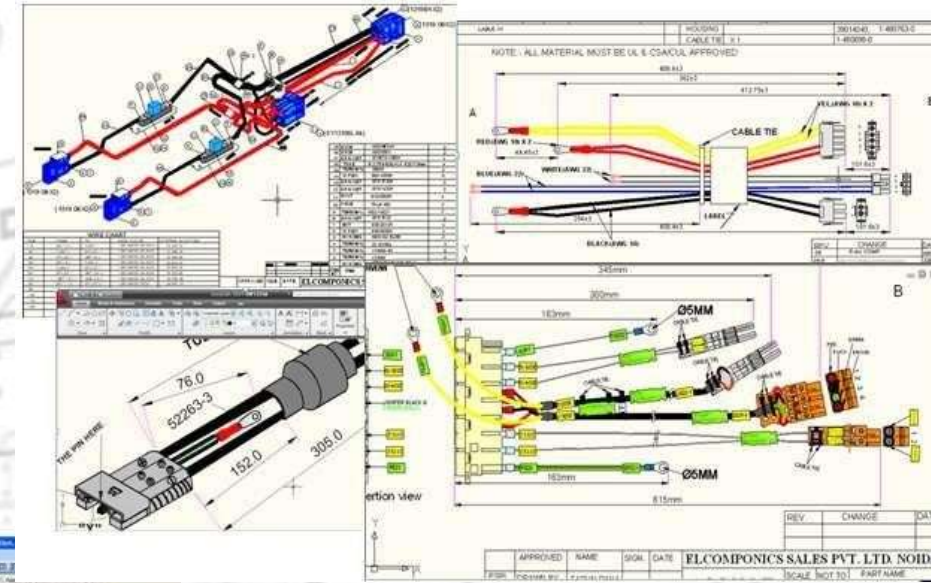
- No. of Engineers: 32 +
- 2D SOFTWARE- 3D SOFTWARE- PRO-E(CREO Cabling)
- Design Software: AUTOCAD, Cable Equity
- Design DBMS Module: PDXPert PLM,
- ERP System: ORACLE
- CRM Program Management Tool
- 3D Printer



ELCOMPONICS- LEVERAGING INFORMATION TECHNOLOGY

DESIGNING IN AUTOCAD AND CABLE EQUITY

ERP ORIENTED



Using PLM (Project Lifecycle Mgmt) Software: PDXpert

PLM PDXpert Benefits



Strategic Investments

- Geographical Diversification
 - Access to technology,
 - Global footprint
 - Access to highest Tier Automotive in EV & IC segments.
 - Improving Product Basket
- INVICTUS Cables GmbH Austria is niche supplier of FFC serving the likes of Automotive, Telecom, Medical etc.



- New JV with Invictus in Michigan US – Elvictus Inc
- New JV with Invictus in India – Elvictus India



Future ROADMAP

- Strategic Investment in technology Company and expansion
- Manufacturing of FFC cables in US & India.
- Enhance Design Capability for Modules.
- Continuous Infrastructure Upgrade to improve efficiencies.
- Participate in Concurrent Engineering with customers to inbuilt VA/VE Ideas upfront.
- Technology enabled manufacturing – Integration of ERP with Machines using IOT
- Sensor Based Manufacturing Automation.

ELCOMPONICS- CSR

ESPL group adopted the concept of social responsibility, which is reflected in all activities of the company. This is not mere patronage, but a coherent strategy that brings about long-term prosperity to the company and its surroundings. It significantly contributes to the reputation of our company.

- Support of schools and education fee for students
- Support of social activities
- Charitable activities
- Environmentally friendly production



ELCOMPONICS- AWARDS & RECOGNITION

National Award



**Excellence of Exports conferred by
President of India**



**Outstanding Entrepreneurship
Award**

ELCOMPONICS- AWARDS & RECOGNITION

Ministry of Commerce & Industry



Star Export House Award

Federation of Indian Exports Organisation



Niryat Shree GOLD Award

ELCOMPONICS- AWARDS & RECOGNITION

WINNER OF FIRST PRIZE IN HIGH EXPORT CATEGORY IN STATE EXPORT AWARD, UTTAR PRADESH 2017-18



प्रथम पुरस्कार

अभ्युत्पाद



श्री एस.एन. द्विवेदी
निदेशक
मे. एलकम्पोनिक्स सेल्स प्राइवेट लिमिटेड, जोरहा
फोन: 0120-4743300
ई-मेल :- sndwivedi@elcomponics.com

उत्पाद: वायर हारनेस असेंबली (इलेक्ट्रिकल आइटम्स)

इकाई की स्थापना वर्ष 1988 में हुई। इकाई वर्तमान में भारत में आठ विनिर्माण इकाई का संवाहन किया जाता है, जिसमें एशिया और अमेरिका में शाखाएं हैं। एलकम्पोनिक्स सेल्स प्रा. लि. सेल्स प्राइवेट लिमिटेड (ई.एस.पी.एल.) मुख्यतः लीड वायर असेम्बली, नेटवर्किंग डिवाइस, इन्वीनियोरिंग, उत्पादन और आपूर्ति में जुड़ा हुआ है। इकाई द्वारा निर्यात मुख्यतः चीन, फिलीपिन्स, हांगकांग, विषयनाम तथा ताईवान आदि देशों को किया जाता है।
वर्ष 2007-08 में इकाई राष्ट्रीय पुरस्कार से सम्मानित है तथा वर्ष 2008 में नेशनल एम्परासएम्पई पुरस्कार से पुरस्कृत हो चुकी है।

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ELCOMPONICS- AWARDS & RECOGNITION BY CUSTOMER

GE



Cost Out Excellence Award

AO Smith



Best Supplier Award

ELCOMPONICS- AWARDS & RECOGNITION BY CUSTOMER

BLOOM ENERGY



Supplier Appreciation Award*

ELCOMPONICS- AWARDS & RECOGNITION BY CUSTOMER

APC

APC Supplier Rating Score Card

Supplier Name	APC Organization	Year	Rating
Elcomponics	APC India	2006	95
Elcomponics	APC India	2007	95
Elcomponics	APC India	2008	95

Supplier Rating Trend

Year	Rating
2006	95
2007	95
2008	95

Best Supplier Rating*



Best Supplier in Wiring Harness



Thank you