

**SYNEGRA**<sup>®</sup>

# **SYNEGRA**

## **EMS LIMITED**

A Subsidiary Of Smartlink Holdings Ltd.



SMARTLINK HOLDINGS LTD.  
BSE/NSE Listed Parent Holding Company



## DIGISOL

DIGISOL SYSTEMS LTD.  
Brand Product Company

## SYNEGRA

SYNEGRA EMS LTD.  
ACTIVE Products Manufacturing  
EMS WING

## TELESMART

TELESMART SCS LTD.  
PASSIVE Products Manufacturing  
ODM Company

UNCOMPROMISING  
QUALITY

MAKE IN INDIA  
INITIATIVE COMPLIANT



COMPETITIVE PRICING

25 YEARS OF LEGACY

PROVEN TRACK RECORD  
IN THE SECTOR

Manufacturing Since 1986



- **SYNEGRA EMS Ltd.:**

Products Manufacturing Company, 100% owned by SMARTLINK HOLDINGS LTD

- **SMARTLINK HOLDINGS LTD:**

An Investment company listed in BSE/NSE for more than three decades, SMARTLINK was formed in 1993, renamed as D-Link India in 1995 and got listed in 2001. Growing further on Sales, Marketing, Service and product manufacturing operations, SMARTLINK launched three independent business wings in 2017 to foster the growth further under the names (1) SYNEGRA EMS Ltd. (2) TELESMAST SCS Ltd. (3) DIGISOL SYSTEMS Ltd.

- **SYNEGRA EMS Ltd, with SMARTLINK**

SYNEGRA EMS Ltd, with SMARTLINK has 25+ years of presence in manufacturing of Networking products, Motherboards and other various printed circuit board based products, having Joint Ventures with Taiwanese Companies like (Brand Product) D-Link, GIGABYTE, MDS and SAPPHIRE UK in SCS. Large, state of the art manufacturing setup with SMT, wave soldering, Box build assembly and Testing has proven track record of excellent Cost –Quality –Delivery performance. The large campus has ready infrastructure that can accommodate 6 more SMT lines with complete assembly and testing capabilities.

**SYNEGRA EMS LTD &  
SMARTLINK HOLDINGS LTD**

# FOUNDER & CULTURE



**Mr. Kamalaksha Naik**

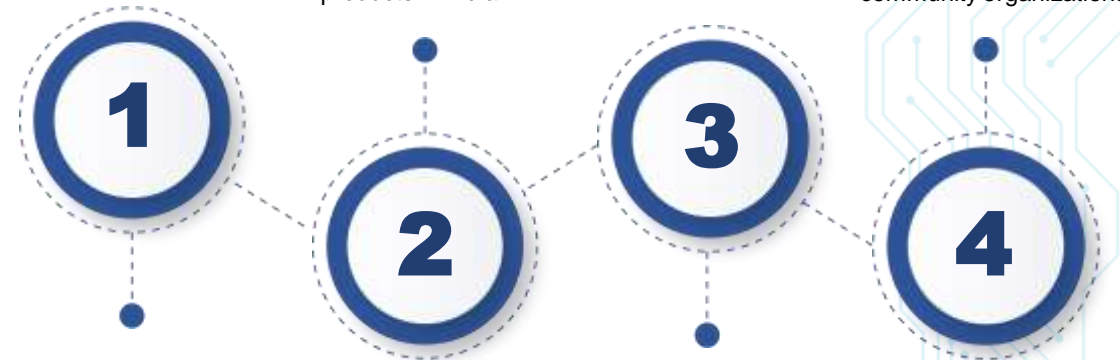
Executive Chairman, SMARTLINK GROUP

A First- Generation Entrepreneur MR. K R Naik is Mechanical Engineer with P.G. Diploma in Industrial Engineering, he did Business Management from Jamnalal Bajaj Institute sponsored by IBM. He began his career in IBM Manufacturing Plant in Mumbai in 1969 as Mainframe Computer Peripheral Assembly & Testing Engineer. During his IBM stint, he had the best opportunity to learn and develop various types of detail parts. He was also part of an indigenous developed line printer by IBM. **After IBM closed India operations in 1978 due to Government Policy, he started manufacturing detail parts locally to support IBM Machines in India as import duty was more than 100%. Then in 1986 he introduced Personal Computers "Virtual Computer" Brand by manufacturing Mother Boards and Add on cards in Mumbai by setting up Factory & importing SOLDERING Machine from USA.**

# FOUNDER & CULTURE

As he started Channel Business in IT, particularly in Networking Products line, He is well known of 5 decades experience, Mr Naik was one of the first to start the manufacturing of Networking products in India.

Smartlink and its subsidiaries have earned a reputation in the Networking industry as a world-class company who displays a genuine employee focused approach to business and is a reliable and valued friend to many community organizations.



As Network cards started appearing in market, he entered in manufacturing Network Cards in 1993 and introduced D-Link Brand with Joint Venture by setting manufacturing base in Goa. From small unit in 1993 grown to large 5 buildings and manufacturing several Products by joint ventures

The Management promote strong ethical business practices and encourage employees to treat the customers and suppliers with dignity, respect and with fair business practices.



# CORPORATE PRESENCE

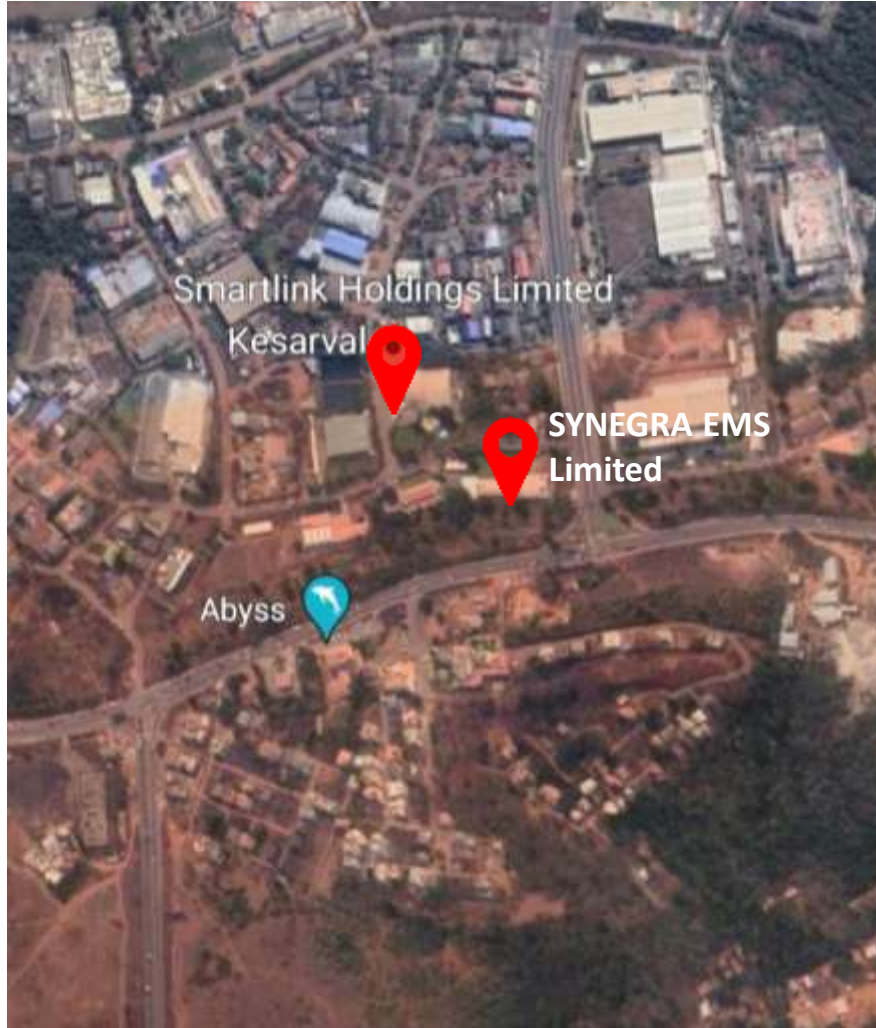


**SYNEGRA FACTORY**  
Verna Industrial Estate, Verna, Goa



**SMARTLINK HOUSE**  
Verna Industrial Estate, Verna, Goa

# CORPORATE PRESENCE





# MILESTONES

**1982**  
Started manufacturing Peripheral parts by setting up MOTCO Pvt. Ltd. To supply Computer Maintenance companies

**1990**  
Added Distribution of **D-Link Brand Networking products**, in Virtual Computer along P.C. Business

**1995**  
J/V signed with D-Link Corporation TAIWAN and name of the company changed from **SMARTLINK** to D-Link India

**1986**  
Started manufacturing Personal Computers under the brand Name **Virtual Computers** By setting up factory in Mumbai

**1993**  
Decided to manufacture **D-Link Brand Products** and started a **new Factory in Verna GOA**, importing 1st SMT line in 1994

**1997**  
Decided to manufacture Passive range Products and signed **J/V with Sapphire UK** started **new unit "Sapphire India Ltd."**

- 2000**
1. D-Link India Company got listed & built large Factory & added 4 more SMT lines.
  2. J/V signed with Gigabyte TAIWAN entered in Mother Board business by manufacturing.

**2002**  
Introduced "**DIGILINK**" Brand in Passive range of products line by manufacturing in a separate unit along with D-Link Active Products line

**2008**  
D-Link Brand Active & **DIGILINK** Brand Passive, have become 50:50 business. To have focus business Naik Chairman of D-Link India & Ken Kao Chairman of **D-Link TAIWAN** decided to split operation in two units and hold majority stake individually by 1st.April 2008.

**2009**  
It took one year being listed company to split operations, D-Link India Company demerged by changing name back to **SMARTLINK** Systems and continued with **DIGILINK** brand Passive Products Business.

A new product trading company formed D-Link India and started importing products from Taiwan and China.

**2010**  
Having large manufacturing base and setup **SMARTLINK** introduced **DIGISOL** Brand in Active Products line & also introduced Mother Boards by manufacturing under **DIGILITE** Brand

**2011**  
**DIGILINK** in India become **No 1 Brand** in Passive range. **Schneider Electric Multinational (FRENCH Company)** acquired **DIGILINK** Brand business and **SMARTLINK** continued with **DIGISOL** Active products line

**2017**  
Looking at Govt. support and lot of scope for manufacturing locally, **SMARTLINK** splits operations in three Individual units offering expansion opportunities in line of business.

1. **SYNEGRA EMS** - Large Active Products Manufacturing Company.
2. **TELESMArt SCS** - Passive Products manufacturing in Copper and Fiber
3. **DIGISOL SYSTEMS** - Brand product company with sales, marketing, and support having all India sales and service offices.

# Legacy video



<https://youtu.be/YPIAEJJD3I4>





# Manufacturing Capabilities

# MANUFACTURING CAPABILITY PLATFORMS – SMT LINE 1 & 2

DEK NeoHorizon 3iX

Printing accuracy at 2.0 Cpk @ +/- 25 µm



VITRONICS SOLTEC Centurion  
12 thermal zones, N2 ready



FUJI NXTIII

Placement Capacity of 85K components/hour.



KOHYOUNG ZENITH LITE &  
ALPHA HS : 3D AOI WITH AI





# MANUFACTURING CAPABILITY PLATFORMS – SMT LINE 1



# MANUFACTURING CAPABILITY PLATFORMS – SMT LINE 2





# Manufacturing Capability Platforms :

## Test & Reliability Equipments

### Component Level



LCR Meter



Magnified inspection

### In-process



AOI & Visual Inspection



Functional Testing



X-Ray

### Reliability



Bursting Strength Test



Cyclic Environment Test

# MACHINE CAPABILITY

Process	Dimension	PCB Size		Component	
		Min.	Max.	Min	Max
Solder Paste Printing	Sq.mm	50 X 40.5	510 X 508		
Pick & Place	Sq.mm	50 X 50	534 X 610	01005	74 X74
Reflow Oven	Sq.mm	80 X 80	600 X 508		
AOI	Sq.mm	50 X 50	510 X 580		
Wave soldering	Sq.mm	70 X 70	350 X 410		



# FACTORY AREA & CAPACITY

- Existing Area Available 29,030 Sq. Ft.
- Area Available for Future Expansion 64,583 Sq. Ft.

## Production Capacity:

- 50% spare capacity / day available for other OEM Customers.
- Component placement capacity of 200K+ CPH available.
- Capability / Space available to invest 6 additional SMT lines.
- Fully Airconditioned shop floor and RoHS compliant manufacturing.

# SYNEGRA Quality Commitment



- **SYNEGRA** is committed to establishing the benchmark for Quality in Electronics Manufacturing Services Company



- ISO 14001:2015 Environmental Standards



- Quality certifications achieved by **SYNEGRA**



- The Quality team is trained on latest Quality Standards including IPC 610F



- ISO 9001:2015 Quality Management Systems



# BRAND ASSOCIATIONS & CUSTOMERS

Brands Associated in manufacturing products :  
OUR CLIENT

++ Many small companies EMS jobs



(Networking)



(Mother Boards)



(ATM)



( IT Networking Products )



(Mother Boards)



(X-Ray Machine)



(Mother Boards)



(EVA Products)



(Healthcare)

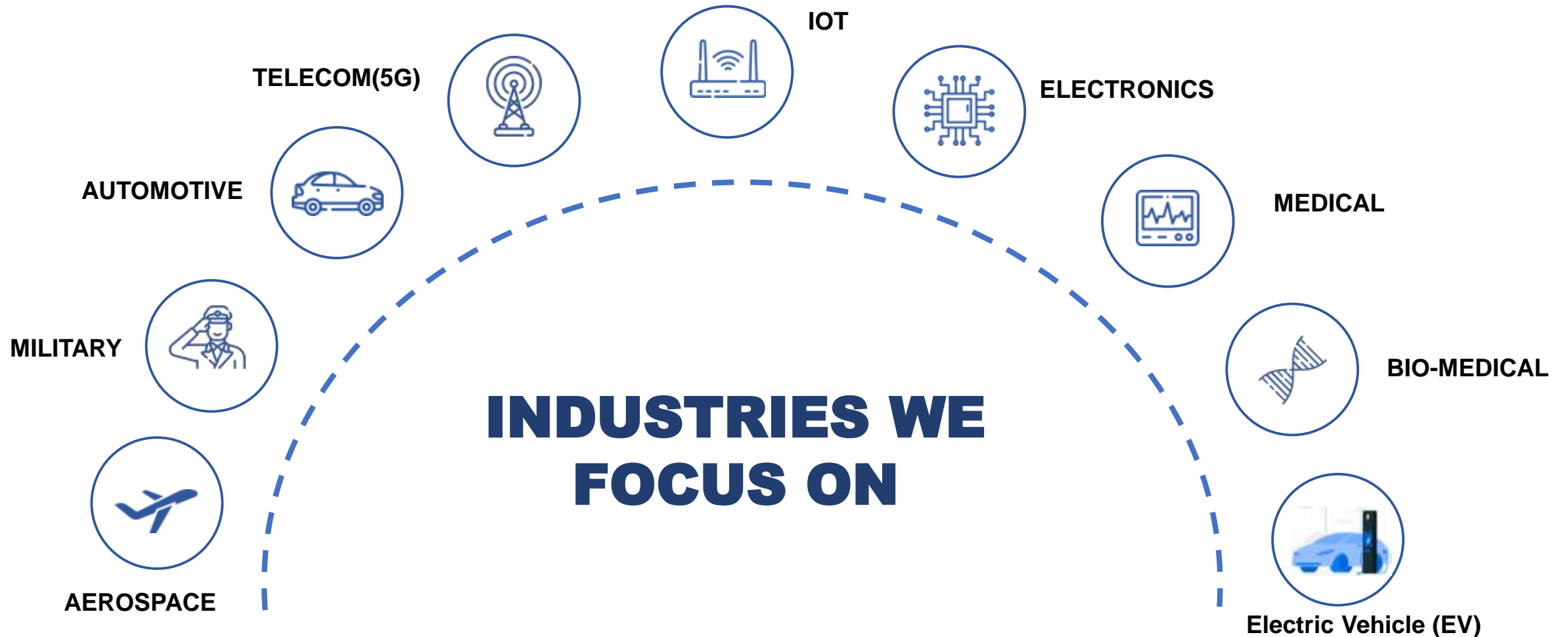


(Motherboards)



(Measuring instruments)

# Focus on All Key Industries





# Why Choose **SYNEGRA?**





## ADVANTAGE OF CHOOSING SYNEGRA FOR EMS JOBS

- ✔ Independent EMS Company, 100% owned by listed company SMARTLINK HOLDINGS LTD, Capable of Expanding in very short time with 3 decades of experience in manufacturing many kinds of IT & Telecom Products.
- ✔ **Best location** Just 15 KM away from Sea Port and 8 KM from National & International Airport.
- ✔ **Road Connectivity** - The Highway is next to SYNEGRA'S factory location (NH66 & NH17B).
- ✔ No congestion in movement of containerized cargo and the container freight station is located just 2 km from the factory.
- ✔ The Railway freight station is located appx. 20km from the factory.
- ✔ A highly efficient logistics and commercial team on the board.



# THANK YOU

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**SYNEGRA Electronics Manufacturing Services**  
Factory: L5A, Verna Industrial Estate, Verna, Goa  
Bangalore office: 10A, KIADB Industrial Area, Electronics  
City, Phase II, Bengaluru, Karnataka