



# About Messung Systems

## Innovating since 1981

Messung Systems Pvt. Ltd. established in 1981 brings over four decades of industry knowledge and manufacturing expertise to the fields of Industrial Automation, Building Automation, Home Automation, and Workplace Systems. Messung started in the field of factory automation and manufactured India's first indigenously designed Programmable Logic Controller. The company grew over the decades, garnering market share in the factory automation industry in India.

Over the decades, Messung has built deep industry knowledge, proven expertise, strong implementation capabilities, and a good support infrastructure. Under the 'Navonmesh' banner, Messung is focused on manufacturing high-quality, efficient products for all business verticals. With a dedicated R&D department and factories set up in Pune for the manufacture of the workplace tables and chairs, the home automation products, and the industrial automation products.

Presently, Messung has launched the revolutionary XMPRO-10 PLC controller, which is designed for exceptional performance and user-friendly functionality. Extending its technological proficiency and intuitive engineering, the company unveiled a new range of indigenous KNX and Modbus products under the brand name 'Ourican', catering to contemporary home, office, and hotel automation directives. In 2019, Messung launched the AFM series of Workplace systems manufactured in India, offering ESD-safe tables and chairs. In 2023, the AFM-SERVREX-PLUS series of IT network racks was launched.

With our inherent passion for developing cutting-edge technology and indigenous manufacturing, strengthened over 40 years in the industry, we bring world-class solutions to the market, enabling industries to take productivity and sustainability to the next level.

## OUR VISION

To be an innovative global company by pursuing excellence and perseverance to enable success stories.

## OUR MISSION

To focus on the design and manufacture of indigenous range of products in the field of automation with latest technologies and develop a strong and capable team to continue serving our customers.



# ABOUT THE CHAIRMAN & MD

As CMD of Messung Group, Mr. Farook Merchant brings a wealth of experience and expertise to the table. Entrepreneurial zeal, business acumen, extensive knowledge, and a drive for evolving technologies have helped Mr. Merchant grow the organization and build its strong reputation.

Mr. Merchant, a COEP (E&T/C) graduate from Pune, founded Messung in 1981 and since then has focused on bringing the best-quality Programmable Logic Controllers (PLCs) to the Indian market. PLCs that work in harsh industrial environments on automation equipment in the manufacturing industry, process industry, and material handling.

Mr. Merchant strongly believes India can be the leader in Industrial Automation products, including world-class programming and visualization software. Setting up a strong in-house R&D center, a world-class manufacturing center, and a philosophy of excellent after-sales service have been the strengths of making the 'Messung' group a strong indigenous company competing with the world's leaders.

With the same spirit of indigenization, Mr. Merchant has also designed a complete range of high-quality home automation products. His other businesses include designing and manufacturing world-class ESD furniture for the electronic manufacturing industry.

Designing and manufacturing good-quality products indigenously in India is Mr. Merchant's passion, and he has been doing that for the last 43 years. A philosophy of work ethics that makes Messung a strong company today.

## **Mr. Farook Merchant**

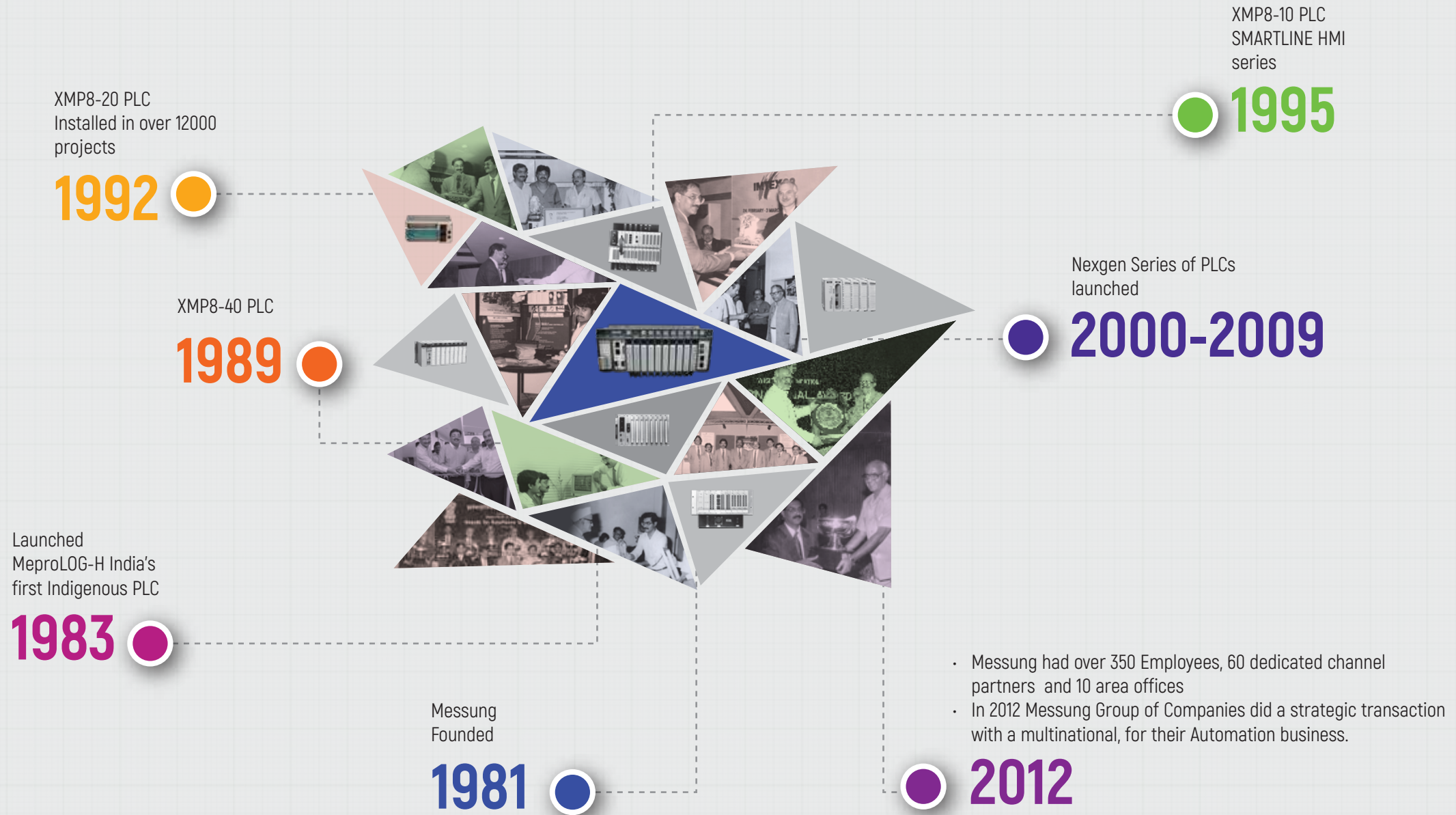
Chairman & Managing Director  
Messung Group of Companies



Scan the QR code to know more about Messung Systems

# ENCAPSULATING THE JOURNEY

Messung 1.0





# ENCAPSULATING THE JOURNEY

## Messung 2.0

- Nityaasha Foundation was launched to support needy children with type-1 diabetes
- GyaanAdab commenced to-
  - a) create avenues for celebrating literature, culture and arts
  - b) help women from weaker sections of society by instilling self-confidence and conducting soft skill development programmes.

2013-2014

- Messung re-established its foothold in the automation field and expanded into the fields of Building Automation, Home Automation and Workplace Technology
- Tied up as master distributor of reputed multinationals, bringing new technologies and innovation to the Indian market

2016-2019

- Under 'Navonmesh' – 'Make in India Initiative', inaugurated in-house technology center for R&D and product development
- Commenced manufacturing of AFM-PLUS series of ESD workplace products for the electronics industry.

2019

- Indigenously designed a complete range of Home Automation products on KNX & MODBUS protocols.
- XMPRO-10 PLC designed with in-house developed programming software, the XMPS-2000
- Designed full range of ESD tables in Aluminium and MS range along with ESD chairs
- Manufacturing setup for ESD furniture
- Manufacturing setup for Industrial and Home Automation products

2022

- The 'OURICAN' – KNX & MODBUS range officially launched
- XMPRO series of PLCs officially launched for small and medium machine applications.
- AFM-SERVREX-PLUS IT server rack product launched
- Product range being exported to Middle East, Singapore, Brazil, Caribbean subregions.

2023

- A new factory has been established at Vithalwadi, Pune, for Workplace Technology manufacturing
- Investments have been made in state-of-the-art machinery to enhance efficiency and productivity
- An Engineering Department has been set up at Bhosari for the Industrial Automation Division
- In the Home Automation Division, two major product launches include the MES-DALI-64 and the MES-IP-Server (Ourican View) App for home automation control.

2024







## Exemplary manufacturing set up in Bhosari MIDC for electronic manufacturing

### The journey of indigenous innovation continues...

Messung continues to build its R&D and manufacturing capabilities in all its businesses under its 'Navonmesh - Make in India initiative'. Messung is developing world-class IoT-based PLCs, controllers, remote I/Os and SCADA applications; and designing and manufacturing world-class home automation products and systems.

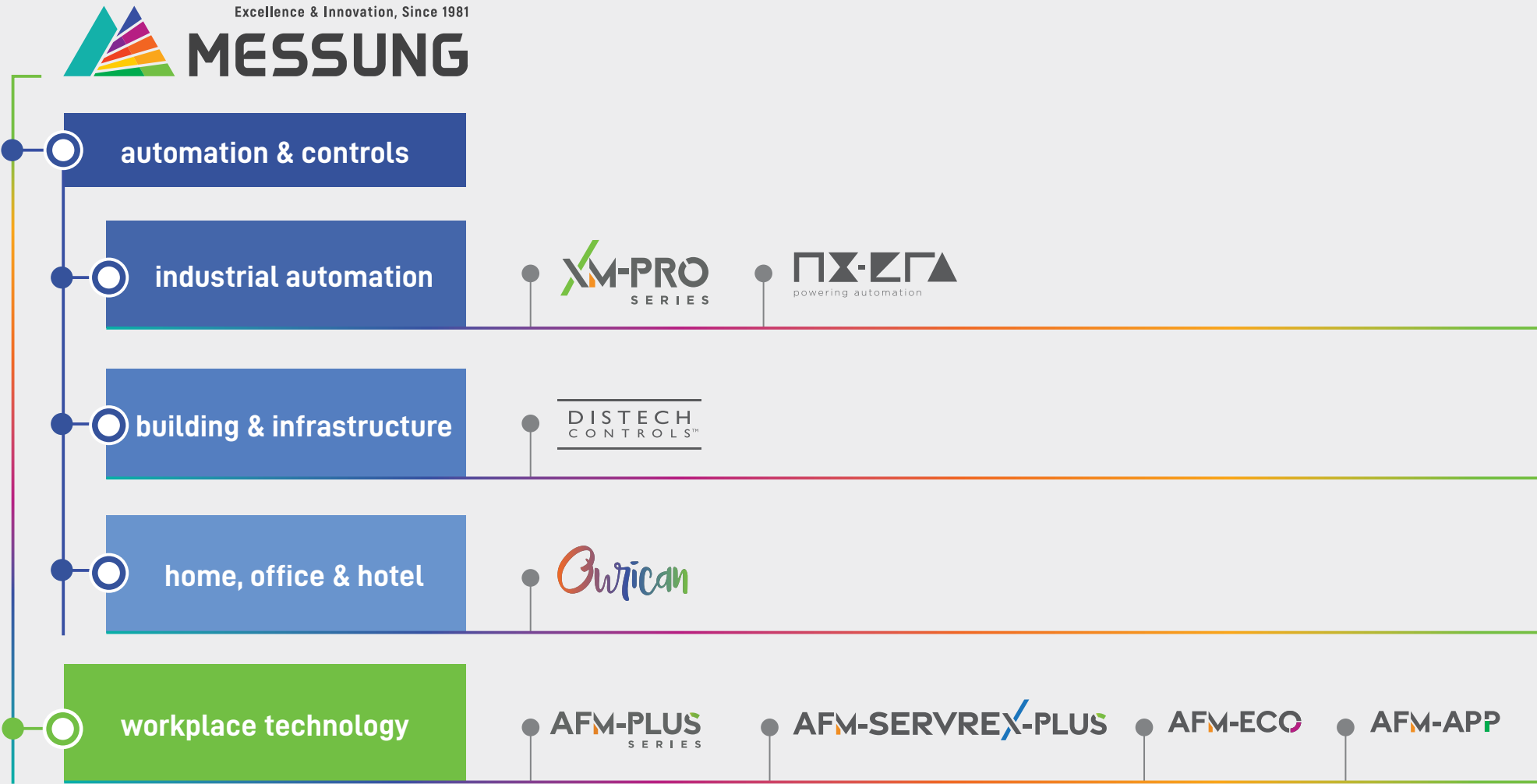
Messung also has the know-how and facilities to manufacture customised workplace tables, task chairs, stools, trolleys, racks and storage solutions for both ESD and general industrial applications – as per latest global standards.





World-class manufacturing set up in  
Vitthalwadi for ESD furniture

# BUSINESS VERTICALS





# AUTOMATION & CONTROLS



**home, office & hotel  
automation & controls**

**industrial  
automation & controls**

**building & infrastructure  
automation & controls**

Messung's Automation and Control divisions cater to 3 industry verticals. Namely, the Industrial, Building and Infrastructure and Home, Office & Hotel Automation verticals.

With four decades of manufacturing experience, we boast cutting-edge technology, unwavering commitment, unmatched excellence, and profound industry knowledge.

# INDUSTRIAL AUTOMATION & CONTROLS

Messung presents advanced automation systems capable of controlling, in a distributed way, complex industrial processes, machines and high performance production lines.

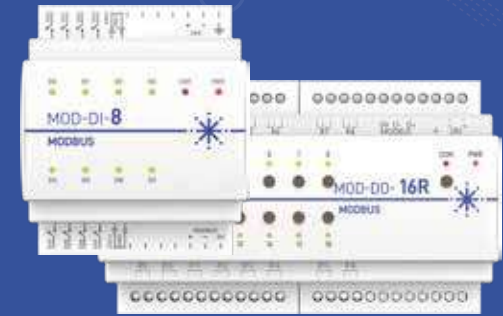
Our portfolio of essential components, intelligent devices and integrated systems facilitate well-informed decision-making and efficient controls.

We offer reliable, real-time solutions with flexibility and scalability for expansions and easy integration in the future. Our high performance NX-ERA Series of Programmable Controllers with innovative features, is the ideal solution for any automation & control system.

Our solutions cover a wide array of applications in Process Automation, Modbus Series, Servo & Motion Control Automation, and General Purpose Automation.



PLC



REMOTE I/O's



Our NX-ERA PLC Series is equipped with Advanced Control System features as well as an integrated programming and configuration environment based on IEC 61131-3 standard.

It presents resources for all stages of application life cycle, speeding up development, thereby reducing engineering and commissioning costs.



Messung has launched their new XM-PRO10 PLC and Ladder diagram programming software XM-PS2000. Complementing the same they also have a wide range of Remote I/O modules especially for Modbus, Canopen. All the modules are CE marked and certified for usage in harsh industrial environments.



# INDUSTRIAL AUTOMATION & CONTROLS

Messung introduces an exciting new range of cost-efficient PLC controllers designed for exceptional performance and user-friendly functionality. Developed under Messung's 'Navonmesh - Make in India initiative', XM-PRO 10 is compact, capable and customisable. It is complemented by a range of Local I/O and Remote I/O modules for easy expandability - making XM-PRO 10 the suitable choice for a wide range of industrial automation applications.



INDIGENOUS PLC



PROGRAMMING PORTAL

## XM-PRO 10

Messung's new XM-PRO 10 PLC system can be used for a wide range of small to mid-range applications across industry verticals. This flexible and future-proof industrial automation solution is ideal for Special Purpose Machines, and for packaging, labelling, sorting in the food processing industry. The gamut of applications also includes textile, chemical, automobile, machine tools, plastic moulding, printing and other industries.

## XMPS-2000 SOFTWARE

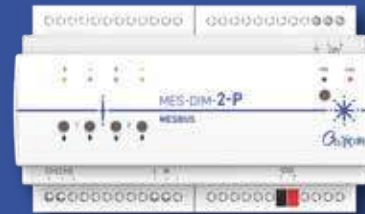
DESIGNED FOR UTILITY, FLEXIBILITY, COMPATIBILITY.  
A Windows based utility programming flexibility, making it compatible to a varied range of applications like standard programming language LD: Ladder



# KNX BASED HOME, OFFICE & HOTEL AUTOMATION SOLUTIONS

The "KNX" protocol is a reputed, rugged, and renowned open protocol that sets the benchmark for products used in home, office and hotel automation systems globally. From back-end solutions for lighting, climate, and on/off to designer front-end keypads and cloud based apps. Automation in our 'lived' spaces is becoming an integral part of our lives.

Messung brings our 42 years of experience in embedded design, and project execution to create our Ourican range of products on the KNX protocol and as per global safety & quality mandates.



## Ourican

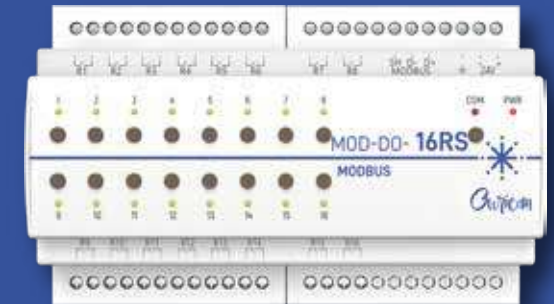
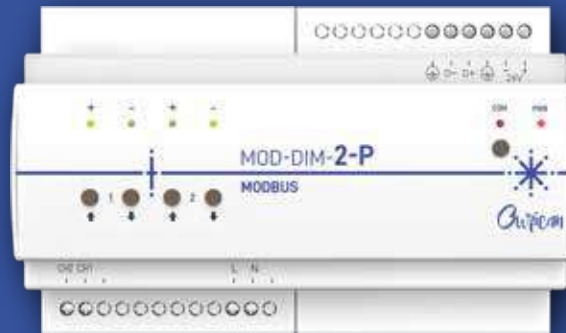
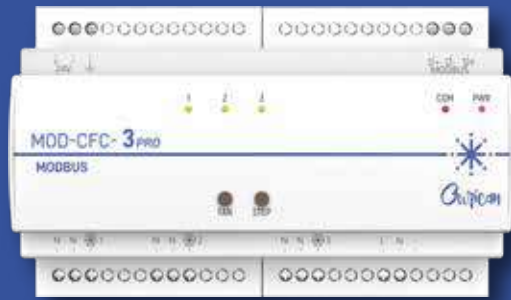
Messung initiated the development of KNX products in India and has helped partners by accessing and buying products on a fast-track basis, reducing cost factors, and providing instant sales and technical support originating from India.

Messung is currently focused on devices that have a major role in automation projects, like Actuators, Dimmers, Ceiling Fan controllers and Analog-Digital Input devices.

# MODBUS BASED HOME, OFFICE AND HOTEL AUTOMATION SOLUTIONS

The MODBUS protocol is a versatile, rugged system that allows for different parameters to be interoperable with each other, from a BMS system to a PLC system to a home automation control setup.

MODBUS allows for a level of integration of the multiple layers of building or office infrastructure, allowing for stronger, more efficient safety and maintenance of the property with the added benefit of a smart automation system.



Ourican

Messung is working on curating a range of MODBUS products to complement the current installation in a home, office, or hotel setup. Our products are compatible with many renowned processor brands like Crestron, Control 4, and RTI.



# BUILDING & INFRASTRUCTURE AUTOMATION & CONTROLS

Messung provides complete building & infrastructure automation solutions to supervise, analyse and control HVAC, Electrical, Lighting, Security, CCTV, Fire Alarm and other 3rd party systems, which are now mandatory for all modern buildings.

Our open solutions provide a sustainable foundation that supports and evolves with your building system's lifecycle, helping you achieve over 30% savings in energy and operational costs while maximising occupant comfort and productivity.



**DISTECH**  
CONTROLS™

Distech Controls Inc. founded in 1995 and headquartered in Montreal, Canada, is an innovative leader in energy management solutions. Its unique building management technologies and services optimise energy efficiency and comfort in buildings.



# SMART DIGITAL BUILDING AUTOMATION

Our modern IoT technology provides users with a methodology to easily interact with various sets of data and derive more value and intelligence to better manage cost and energy efficiency. We drive the future of data-driven technology, allowing businesses to better manage, measure, control and analyse data from any device anytime, anywhere.

ECLYPSE APEX controller with proven Artificial Intelligence (AI) and advanced encryption simplify communication between OT and IT systems using open protocols like BACnet, Modbus, M-Bus, MQTT, RESTful API and other proprietary protocols.



# WORKPLACE TECHNOLOGY

**ESD workplace systems**  
workplace technology

**ESD accessories**  
workplace technology

**General workplace systems**  
workplace technology

Our experience of the health hazards, safety risks and challenges of the industrial workplace has inspired us to find and deliver meaningful solutions.

We offer innovative, world-class products under three categories: ESD Workplace Systems, General Workplace Systems and Cleanroom Workplace Systems. We also provide comprehensive for Test & Measuring laboratories.

# ESD WORKPLACE SYSTEMS

Messung brings the future of modern workplace systems for R&D labs, testing labs, calibration stations, manufacturing departments, assembly stations and training centres spread across the Indian electronic industry.

Designed and manufactured under its 'Navonmesh - Make in India initiative', the AFM-PLUS range provides ESD protection as per IEC 61340-5-1 and ANSI ESD S20.20.2014 standards.

The world-class ESD workstations, ESD chairs & stools, ESD racks, industrial work tables, lab tables with drawers and other workplace and storage solutions enable users to optimise their work environment for enhanced productivity.



**AFM-PLUS**  
S E R I E S

World-class workplace systems for  
ESD workplaces

TABLES | CHAIRS | STOOLS | ACCESSORIES



ESD range:  $10^4 - 10^8$  ohms  
IEC 61340-5-1



# GENERAL WORKPLACE SYSTEMS

Messung's innovative, modular and customised general workplace systems are designed to improve efficiency, safety and comfort.

Designed and manufactured at Messung's own facilities, the AFM-PLUS range offers MS work tables, storage trolleys, storage racks and drawer cabinets, besides workstation chairs and stools (high and standard versions) in three materials: thermoplastic PU integral foam, fabric and synthetic leather.

Messung also offers a range of economy tables and chairs for bulk purchase.



**AFM-PLUS**  
S E R I E S

World-class workplace systems for  
general workplaces

TABLES | CHAIRS | STOOLS | ACCESSORIES



**navo mesh**  
A Make in India Initiative

**TÜV INDIA**  
TÜV NORD GROUP

## ESD ACCESSORIES

Messung has the design and manufacturing capabilities to deliver custom-built trolleys, racks and storage solutions for ESD and other industrial workplaces. Our portable test station for the electronics sector and instrument movement trolleys for the instrumentation sector have proved themselves as sturdy, ergonomic and ESD-safe assets for the workplace.

All products are available in non-ESD version too.



ESD range:  $10^4 - 10^8$  ohms  
IEC 61340-5-1

**AFM-PLUS**  
S E R I E S

World-class workplace systems for  
ESD and general workplaces

TABLES | CHAIRS | STOOLS | ACCESSORIES

## IT NETWORK RACKS



The AFM-SERVREX-PLUS Network Server/IT Racks optimize server management with easy installations and maintenance. Built with powder coated tough steel body and a glass door, they endure harsh environments while providing visibility. Their streamlined design securely combines racks in rows using baying tabs. AFM-SERVREX-PLUS meets global standards, offering flexibility and comprehensive features.

# BUILDING ON SOUND CREDENTIALS

Empowered with this experience and in-depth knowledge, our technically sound team strives continuously to stay ahead of the curve – and the competition!

We are well known and trusted for our innovative customisation, system engineering and integration support to maximise uptime and productivity.

We provide high level engineering and training support while our nation-wide Sales & Service network ensures unconditional, round-the-clock service on-site.



# ESTEEMED CLIENTELE

industrial automation



building & infrastructure automation



home, office & hotel automation



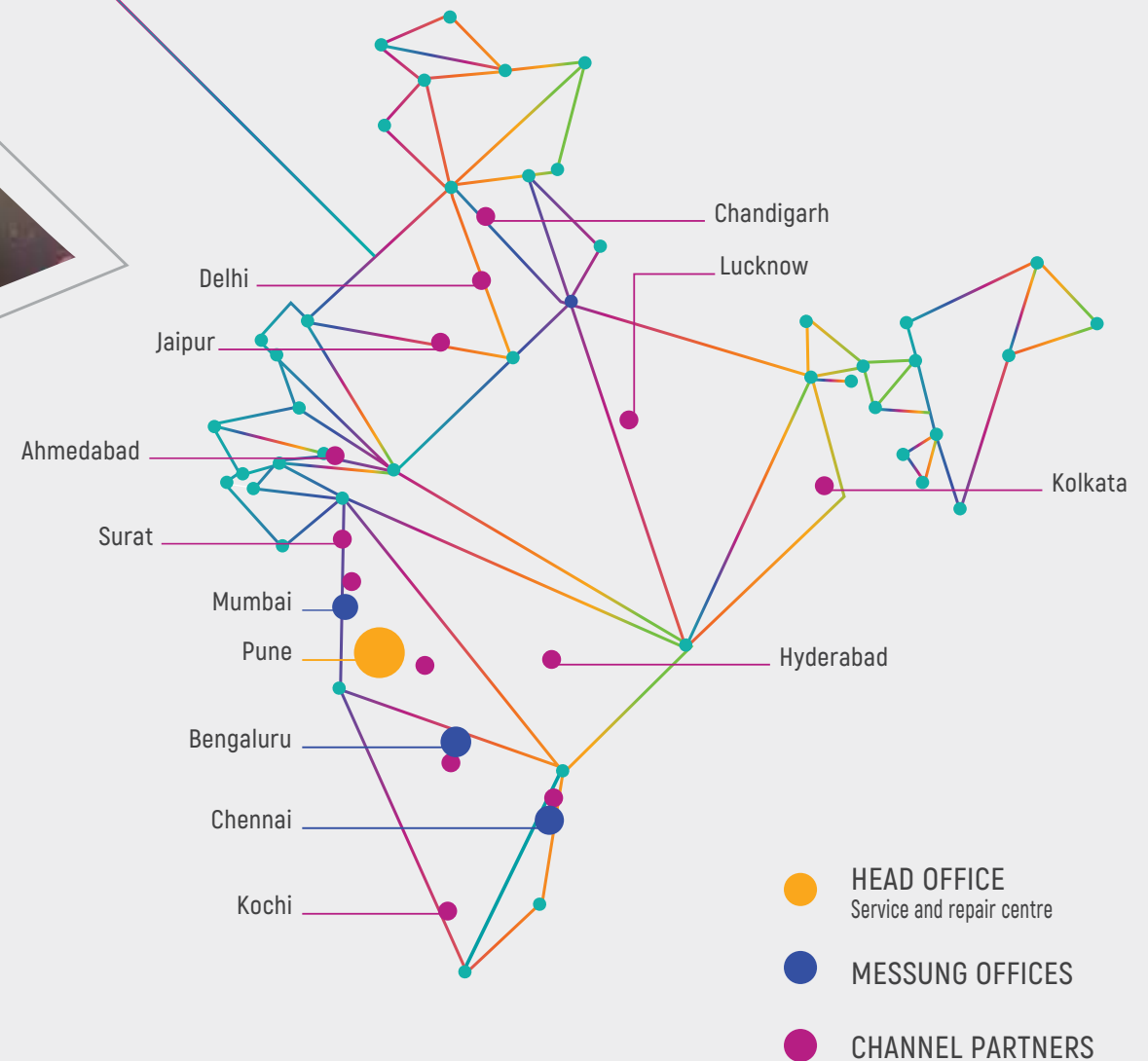
workplace technology







## OUR PRESENCE



## SERVICE & SUPPORT

Our commitment to customer service through the entire product life cycle furthers the value of our technologically superior solutions.

We provide clients with reliable after-sales support, through our area offices and network of system integrators across the country.

Our team of well-trained Sales & Service personnel ensures every Messung product is backed by excellent service, with prompt delivery of spares and engineering support to optimise performance and minimise downtime.

# GIVING BACK TO SOCIETY

Being socially and environmentally responsible is part of our corporate ethos. Two of our CSR initiatives are Nityaasha Foundation and GyaanAdab

331

REGISTERED CHILDREN

7168

CENTRE VISITS

1221

HBA1C TESTS

60

SCHOOL VISITS

1255

HOME VISITS



## Empowering each child to be self-dependent

Nityaasha Foundation is a registered charitable trust, that provides holistic support and nurturing to children with Type1 Diabetes from underprivileged sections of society. With a humble start in 2013, the Nityaasha Foundation has expanded its geographical and medical support remarkably. The relentless dedication of Team Nityaasha has helped plenty of children manage and monitor their diabetes and live a healthy life. Inclusive awareness programs like CME (Continuous Medical Education) sessions, eye checkups, and the HbA1c test program have encouraged children and parents to follow up often. Besides nurturing the healthy lives of children, Nityaasha encourages the creativity of each child by holding ingenious events that would spark the artistic side of children.



## Bringing people together in a celebration of literature and the arts

Gyaan Adab is a platform for aspiring artists, creative minds, and individuals with unique skills or knowledge in the fields of art, literature, music, and culture to showcase their talents, spread knowledge, and share their experiences. Gyaan Adab has launched a number of programmes aimed at empowering literature, like celebrating renowned authors and their seminal works, poetry events, and Guldasta-e-Urdu, that promote a love for literature and encourage sharing, discussion, and analysis.

## Nurturing every woman's hidden potential

Besides sharing knowledge, Gyaanruchi works relentlessly to empower women, build self-esteem, and enhance personalities. Gyaanruchi believes in uncovering every woman's "inner power" and ultimately enhance her "true potential." It reaches out to women from socially weaker sections of society who have missed the window of education and empowers them with knowledge, builds confidence and nurtures their hidden potential so they play a contributing role in the socio-economic growth of their families.





# CONTACT US

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## INDUSTRIAL AUTOMATION & CONTROLS

[www.messungautomation.co.in](http://www.messungautomation.co.in)

## BUILDING AUTOMATION & CONTROLS

[www.messungbacd.com](http://www.messungbacd.com)

## HOME, OFFICE & HOTEL AUTOMATION & CONTROLS

[www.ourican.com](http://www.ourican.com)

## ESD WORKPLACE SYSTEMS

[www.messungworkplacetechnology.com](http://www.messungworkplacetechnology.com)

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