

ELMEASURE: AFFORDABLE DIGITISATION FOR ALL

Sam Cherian and Babu TK, leaders of ELMEASURE, discuss their vision for inclusive innovation, global expansion, and the acquisition of Australia's Static Power.

ELMEASURE, having evolved from an electrical company to a leader in energy management, is staying ahead of the curve by incorporating IoT, digitized panels, and sensors into its offerings. Most importantly, while digital solutions often come with a high price tag, ELMEASURE is making them more affordable.

"Switchgear components are usually affordable but adding microprocessor-based or IoT-enabled features can drive prices up. While people want digitisation, affordability is crucial. That's where ELMEASURE comes in—offering intelligent solutions at competitive prices," explained Babu TK, CEO of ELMEASURE India.

Sam Cherian, Chairman of ELMEASURE reinforced this commitment, stating: "While many talk about digitisation, we aim to empower our customers in digitising their assets. With our product EL-Guard, we've enabled components like ACBs and MCCBs to be digitised, transforming entire panel systems into intelligent, communicative units."

Babu TK adds, "Our focus is on solving real customer pain points. The future is digital,

where every panel and sensor must be intelligent, connected, and accessible."

Made in India for the world

ELMEASURE has expanded its global presence, becoming a trusted OEM partner in Europe and North America. Sam Cherian remarked, "We prioritize quality over quantity. Our products are Made in India, but Made for the World, and that's why we're confident in our international outlook."

Acquiring Australia's Static Power

As part of its strategic expansion into critical power solutions, ELMEASURE is set to acquire Static Power, an Australian company based in Melbourne, which specializes in transfer switching solutions. Sam Cherian explained, "Our goal is to become experts in transfer switching, particularly for critical sectors like hospitals and data centres where reliable power is vital." This acquisition will strengthen ELMEASURE's switchgear range, including Static Transfer Switches and ATS solutions.



Sam Cherian

Babu TK

Goals

Looking to the future, Sam Cherian emphasized ELMEASURE's commitment to solving real-world challenges. "We're proud of our ability to deliver solutions that directly address customer needs. Looking ahead, we want to solve issues in India," he said. He further highlighted ELMEASURE's ongoing efforts, including the launch of an agri product for farmers and a non-profit rural electricity monitoring device for solar users in remote villages.

With an eye on the future, ELMEASURE envisions a world where their technology empowers lives through sustainable and efficient energy solutions. "Our dream is big, the market is big, and so is our vision," Sam Cherian said.

Vision 1000

Looking to the future, ELMEASURE has set ambitious targets for the next five to six years. The company aims to achieve a revenue of Rs. 1,000 crore, up from Rs. 350 crore, and expand its workforce to 1,000 employees, from its current count of 700. Babu TK shared, "Our growth is rooted in our people—over 700 employees—and we're committed to nurturing them as part of our continued success."



Watch the video here: <https://bit.ly/elmeasure>

Power-One Microsystems targets ₹. 1,000 cr revenue

Power-One Microsystems, a prominent player in India's power solutions sector, has set its sights on reaching Rs. 1,000 crore in revenue within the next five years, informs Rajesh M.R., CEO and Managing Director, Power-One Microsystems.

The Bengaluru based company, founded in 1992, initially focused on manufacturing uninterruptible power supply (UPS) systems but has since expanded its portfolio to include renewable energy products, high-end electric vehicle (EV) chargers, and energy storage systems.

Nationwide presence

With over 35 sales and service centres across India and more than 400 employees—including 180-plus trained service engineers—Power-One has installed more than 700,000 systems nationwide.

Product portfolio

Located in Bengaluru's Peenya Industrial Estate, Power-One's manufacturing facility produces a wide array of power products — from UPS systems and solar inverters to EV chargers and battery energy storage systems (BESS).

UPS systems

Power-One's UPS portfolio features transformer-based, transformer-less, and modular systems up to 1,200 kVA, with scalability to megawatt levels. Designed for high performance and reliability, these systems ensure uninterrupted power for mission-critical operations across industries such as corporate sectors, data centres, IT firms, research organisations, and defence establishments.

Solar inverters

With a sharp focus on renewable ener-

gy, Power-One designs and manufactures a variety of solar inverters — from on-grid and off-grid to grid-interactive hybrid systems. These inverters cover a range from 1 kW to 250 kW each, supporting solar EPC projects from 1 kW up to megawatt scale for select clients.

EV chargers

Catering to the evolving needs of electric mobility, Power-One's EV charging solutions include AC chargers ranging from 3.3 kW to 22 kW and DC chargers from 30 kW to 360 kW. These solutions are designed for residential, commercial, and public infrastructure requirements.

Energy

To address the growing demand for clean and reliable backup power, Power-One offers scalable BESS as sustainable alternatives to diesel generators. These systems range from 2 kW for homes to 250 kW for commercial and industrial use, with scalability up to the megawatt level.

Inclusive growth

Power-One Microsystems also takes pride in its inclusive culture and has placed significant emphasis on women empowerment, with a substantial number of female employees across roles in the organization, informs Mr. Rajesh. With a focus on the future, Power-One Microsystems continues to be a one-stop solution for all power needs — from uninterrupted power supplies and solar solutions to EV chargers and energy storage systems.



Watch the video here: <https://bit.ly/PowerOne-mojo>



Rajesh M.R.

Testo unveils next-gen smart refrigeration tools

Testo, a global leader in precision measurement and monitoring solutions, has introduced its latest innovation—the testo 558s, a smart refrigeration digital manifold—at ACREX India 2025. The newly launched device features a 4-way valve block and a user-friendly touchscreen, setting a new benchmark for refrigeration, air conditioning, and heat pump applications.

Speaking at the event, Vimal Chavda, Director - Instruments at Testo India, highlighted the product's significance in modern HVAC systems. "One of the biggest challenges in air conditioning and refrigeration lies in managing compressors effectively—since the entire system's performance hinges on it," he said. "The testo 558s allows professionals to perform critical tasks such as system evacuation, pressure checks, and refrigerant charging, all with one compact, intelligent tool."

Emphasizing the intu-

itive design, Mr. Chavda added, "We've incorporated a touchscreen interface because users today expect smartphone-like experiences. Along with traditional buttons, the large colour display now delivers a clear, app-like interface with real-time measurement graphs."

The testo 558s is also designed with safety in mind. It supports A3 and A2L refrigerants, making it suitable for flammable refrigerants and aligning with modern regulatory standards.

Mr. Chavda further underlined the growing importance of digitization and remote accessibility in HVAC workflows. "Measurement demands are evolving. Systems are becoming more complex, and professionals need tools that are both powerful and easy to use. With digital interfaces and seamless connectivity, we're bringing tech-



testo 558s, a smart refrigeration digital manifold

nology closer to the user."

He concluded by reaffirming Testo's mission: "We empower professionals to measure accurately, monitor effectively, and control with confidence—ultimately driving greater efficiency."



Watch the video here: <https://bit.ly/testo558s>

ABB India's Nelamangala campus achieves 'Mission to Zero' status



ABB India's campus in Nelamangala, Bangalore, has achieved Mission to Zero status, realizing its goal to use 100% renewable electricity (RE100) and by using cutting-edge digital tools to improve on-site energy efficiency. Additionally, reducing its own Scope 1 & 2 emissions by 92%, the facility diverts more than 99% of its waste from landfills and recycles 88% of its water.

ABB Nelamangala location, which delivers electrification motion, robotic and automation solutions for a variety of industries, is ABB's second Mission to Zero site in India. Mission to Zero is part of ABB's global sustainability journey to deliver net-zero emissions and more sustainable operations at all facilities. The aim is to create a network of decarbonized facilities around the world, all leading the shift to low-carbon, energy-efficient, and circular operations.

"The transformation of our Nelamangala facility is a key part of our commitment to sustainability and supports India's vision for more sustain-

able manufacturing," said Saju SR, Senior Vice President of ABB Electrification, Smart Power Division. "We've empowered our local team to create an innovative approach to reduce emissions and waste. Water-stress is a key challenge in the region, so the team has also focused on water recycling and rainwater harvesting, helping to replenish local groundwater levels by more than 30 meters."

Since early 2022, the ABB Nelamangala site has operated on RE100, thanks to a solar Power Purchase Agreement with third-party providers, reducing Scope 1 & 2 emissions by 92% compared to a 2019 baseline. The site has improved its overall energy efficiency by using ABB's latest digital technologies for monitoring and optimizing energy use.



Read the news here: <https://bit.ly/ABBIndia-mojo>

OMRON, cognizant partner on IT-OT integration in manufacturing



OMRON CEO Junta Tsujinaga (R) and Cognizant CEO Ravi Kumar S (L)

OMRON Corporation and Cognizant have signed a strategic partnership to integrate Information Technology (IT) and Operational Technology (OT) in the manufacturing industry. The collaboration includes Cognizant being chosen as the engineering partner for OMRON's Industrial Automation Business (IAB) products. OMRON, known for its advanced automation technology, and Cognizant, with expertise in IT-OT convergence, will offer a unique, one-stop solution for digital transformation. The partnership combines OMRON's OT products, such as sensors, controllers, servo motors, safety equipment and robots, with Cognizant's IT capabilities, including cloud, AI, IoT, and digital twin technologies.

Through this collaboration, the companies provide a distinctive capability to achieve flexible and agile operational excellence. This includes consultancy, on-site implementation, operation, and maintenance. Target sectors for the joint capability include Automotive, Semiconductor, Electronics, Industrial Manufacturing, Life Sciences and Consumer Goods industries.

Junta Tsujinaga, CEO of OMRON Corporation said, "Through this partnership, we will promote the integration of IT and OT to solve urgent issues faced by manufacturing sites, such as significantly improving productivity, reducing operational losses, and speeding up management decisions. The two companies will work together to promote sustainable cutting-edge manufacturing of the future."

Ravi Kumar S, CEO of Cognizant adds, "OMRON's expertise in OT data and systems, combined with Cognizant's digital manufacturing and IT/OT integration capabilities, will enable manufacturers to make quicker, more reliable decisions using real-time data."



Read the news here: <https://bit.ly/omron-cognizant>