



HIGHNESS MICROELECTRONICS LIMITED

Date: September 21, 2026

To,
The Manager – Listing Department
BSE Limited
Phiroze Jeejeebhoy Towers,
Dalal Street, Mumbai, 400001
Maharashtra, India.

Company Scrip Code: 544741

Subject: Disclosure under Regulation 30 of SEBI (Listing Obligations and Disclosure Requirements) Regulations, 2015 – Glimpses of Participation in SEMICON India 2026.

Dear Sir/Madam,

Pursuant to Regulation 30 of SEBI (Listing Obligations and Disclosure Requirements) Regulations, 2015, and further to our intimation dated September 07, 2026 regarding the Company's participation as an exhibitor at SEMICON India 2026, we hereby inform you that the Company, represented by Mr. Gaurav Kejriwal, Managing Director, along with other associates, participated in SEMICON India 2026 held from September 17, 2026 to September 19, 2026 at Yashobhoomi (India International Convention & Expo Centre), New Delhi.

Please find enclosed herewith a glimpse of the Company's participation in the said event.

We request you to take the above on record.

Thanking you,
Yours Faithfully,

For Highness Microelectronics Limited

Gaurav Kejriwal
Managing Director
DIN: 01506981

YOUR HIGHNESS SEMICON INDIA 2026 LIMITED EDITION

New Delhi

Thursday, September 17, 2026

www.highnessmicro.com

FROM ASSEMBLY TO INNOVATION THE HIGHNESS 'MAKE IN INDIA' STORY

Navi Mumbai firm transitions from importer-assembler to manufacturer; sets sights on 100% localization at Goa cluster.

Highness Microelectronics Ltd. based in Rabale, Navi Mumbai, has moved from being known primarily for high-quality assembly to operating as a full-scale display manufacturer. Investment in clean-room technology and local engineering talent has allowed the company to reduce reliance on imported components for several stages of production.

The Rabale plant will include glass cutting and resizing capabilities, extending the company's reach into niche, precision-driven sectors such as defense and aerospace, where display reliability under extreme conditions is non-negotiable. This work spans multiple verticals, including defense and avionics, medical and surgical equipment, transportation, and industrial automation, each with its own environmental and performance requirements.

This capability is supported by a dedicated team of engineers and technicians working across R&D, manufacturing, and quality control, with each module tested against defined standards before leaving the facility. This shift toward greater in-house manufacturing capability will continue with the upcoming Goa facility, which is expected to extend the same integrated approach across a larger share of the production process.



DISPLAY: The Many Hues of the Man-Machine Interface

A message from Ashwini Aggarwal, the Country Advisor, SID India

Look around. Every interaction with technology is becoming more visual. We touch a screen to communicate. We read a dashboard to drive. A doctor reads a diagnostic image. A metro passenger follows a dynamic information display. A pilot interacts with an intelligent cockpit. And increasingly, machines respond to us through richer, more intuitive visual interfaces.

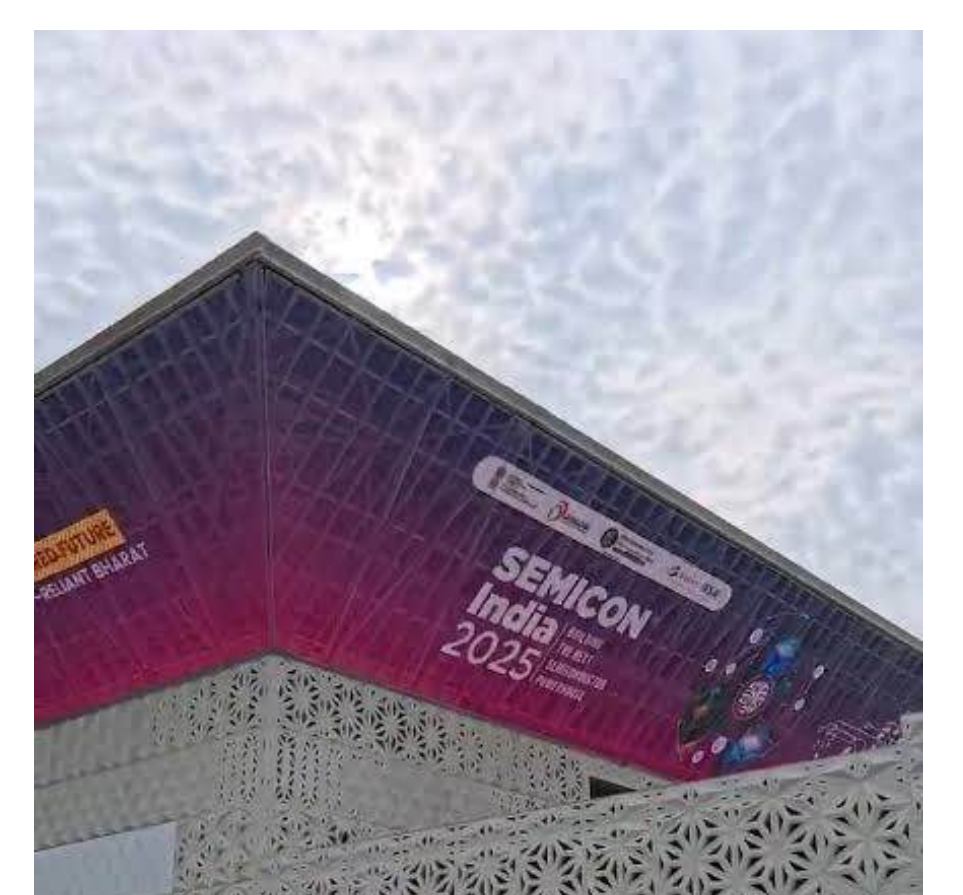


"The display is no longer simply where information appears. It is where humans meet machines."

That is what makes the display industry so fascinating—and why its future comes in so many hues. There are many technologies: LCD, OLED, MiniLED, MicroLED and emerging immersive and flexible display technologies. There are many applications: smartphones and televisions at enormous scale, alongside automotive, medical, industrial, mobility, aerospace, defense, XR and a growing universe of specialized applications. And there are many markets: mainstream, high-volume businesses as well as smaller, highly specialized segments where **customization, reliability, ruggedness and application-specific performance** are paramount. (cont. on P2)

Semicon Returns to Yashobhoomi

For the second year running, SEMICON India will be held at Yashobhoomi, Dwarka, New Delhi, from 17-19 September 2026.



Jointly organized by the India Semiconductor Mission, MeitY, and SEMI, this year's edition is expected to be the largest yet, with 500+ companies exhibiting from over 20 countries. Highness Microelectronics Ltd. will be there, showcasing three capabilities that we will have in-house: glass cutting, Chip on Glass bonding, and Film-on-Glass (FoG) bonding.

FIRST IN INDIA: A DISPLAY STORY TAKING SHAPE

(Article continues).

As SID India Display Conference 2026 opens, it is particularly exciting to see this diversity reflected in India's emerging display ecosystem. Projects and initiatives involving **Highness, Dixon, Corning, Crystal Matrix, Samsung, Wangda and TXB Optics**, among others, are creating an increasingly broad canvas—from display modules and components to advanced materials, specialized displays and next-generation technologies. This is important because India's display opportunity is not simply about replacing imported screens with locally assembled products.

“It is about building capability”

It is about developing local manufacturing, application engineering, customization, supply chains and eventually technology innovation that can serve both Indian and global markets. One particularly promising dimension is the rise of specialized displays. Companies such as Highness Microelectronics Ltd. are demonstrating how India can address applications where the winning proposition is not necessarily millions of identical displays—but the ability to deliver the right display for the right application.

Medical equipment may require precision and reliability. Metro/rail systems demand ruggedness and longevity. Automotive applications require performance under demanding environmental conditions. Industrial systems need dependable, application-specific interfaces. In these segments, Indian manufacturing can deliver meaningful import substitution, while simultaneously creating domestic expertise in customization, integration and application engineering. That is a strategically important capability.

And the opportunity is only getting bigger. As vehicles become software-defined, medical systems become increasingly digital, factories become more intelligent and XR reshapes how we interact with information, the display is evolving from a passive output device into an active man–machine interface. This is where the worlds of semiconductors, optics, materials, electronics, software and design converge. And this is precisely why the display ecosystem belongs in the larger semiconductor and electronics conversation.

Consumer electronics brings scale. Automotive brings sophistication. Medical brings precision and reliability. Mobility brings ruggedness and safety. Industrial applications bring customization. XR and emerging interfaces bring entirely new possibilities.

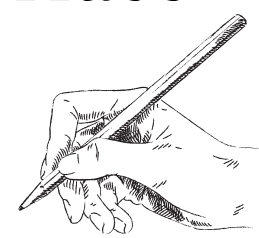
“There is no single display market. There are many markets—and many technologies—coming together.”

And across all of them, the fundamental proposition remains the same: **making technology visible, intuitive and human.**

“Welcome to the next chapter of India's Display Story.”

As we gather at SEMICON India, the message from the display ecosystem is therefore one of optimism. India is not simply becoming a larger market for displays. It is gradually becoming a place where **display technologies can be manufactured, customized, integrated and innovated for India and for the world.** The Society for Information Display (SID) is delighted to be part of this journey through the India Display Conference and the Display Pavilion at SEMICON India 2026.

As displays evolve from screens into intelligent interfaces and immersive experiences, SID remains committed to bringing together technology leaders, researchers, manufacturers, system integrators and the wider ecosystem. The future of the man–machine interface will have many hues. India is beginning to paint some of them.



India’s first glass cutting line to go live in Rabale

Highness Microelectronics Ltd. is soon to establish a premier glass cutting line at their Rabale facility, in Navi Mumbai, providing precision solutions for the burgeoning domestic display market and high-end industrial applications.

The introduction of a dedicated glass cutting line in India marks a significant milestone for Highness. Located in the industrial belt of Rabale, this facility allows us to process large mother glass sheets into custom sizes. This capability is essential for specialized sectors like avionics and medical imaging.

“We are redefining the display manufacturing standards in India.”

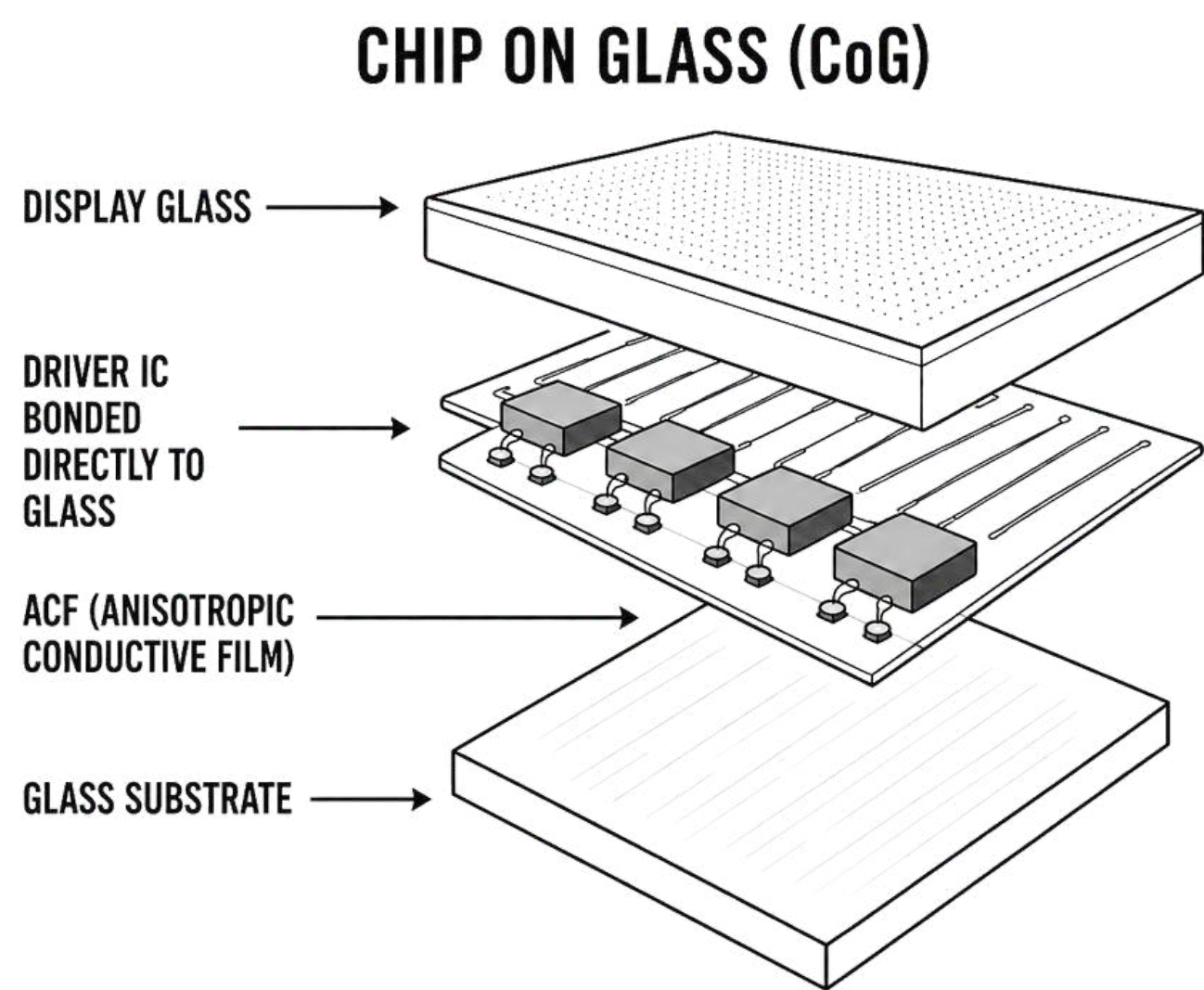
Beyond simple cutting, our Rabale facility is to be equipped with edge-finishing and polishing tools that ensure the structural integrity of every display. Our automated systems provide consistent quality that manual processes simply cannot match. This level of precision is what sets Highness apart from traditional assemblers.

Local manufacturing will allow Highness to sync glass cutting in Navi Mumbai with other local components like metal fabrication and PCB assembly, leading to better-fitting modules and more robust products. Looking ahead, Highness plans to expand into more complex shapes and chemically strengthened glass.



UNDERSTANDING THE BONDING REVOLUTION

Highness Microelectronics Ltd. is revolutionizing the domestic display market by implementing advanced CoG and FoG bonding techniques at our upcoming state-of-the-art facility in Goa.



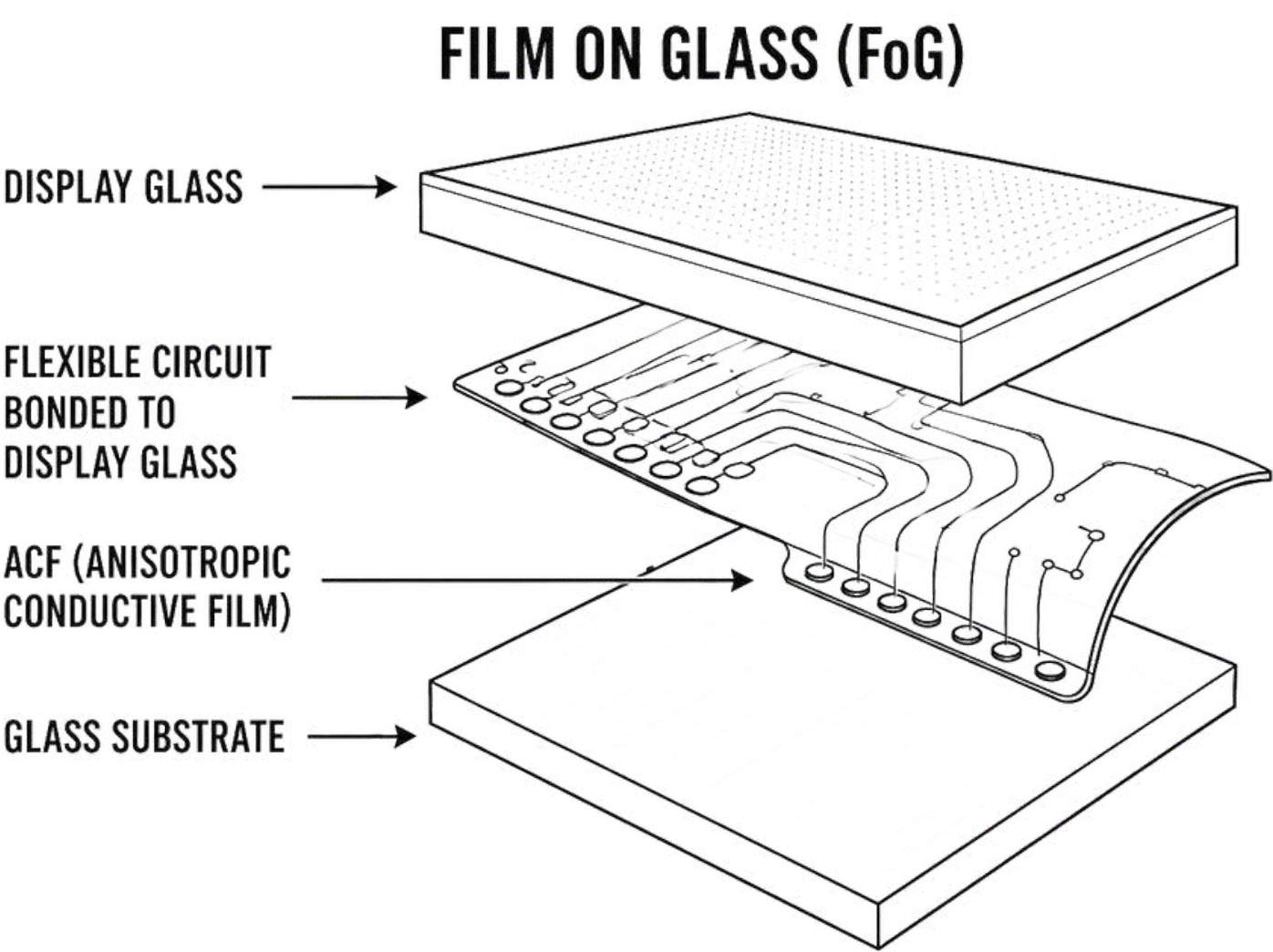
Chip-on-Glass (CoG) technology represents a major leap in miniaturization. By bonding the driver IC directly onto the glass substrate, we reduce the footprint of the display module and improve signal integrity. This process is conducted in our ISO-certified clean rooms, resulting in a more reliable and compact display ideal for handheld devices and next generation electronics.

Unlike traditional Chip-on-Board (CoB) or Chip-on-Film (CoF) methods, CoG eliminates the need for a separate flexible printed circuit to carry the driver IC. The IC is bonded directly onto the glass using an Anisotropic Conductive Film (ACF), which forms thousands of microscopic electrical connections between the chip and the glass's ITO (Indium Tin Oxide) circuitry.



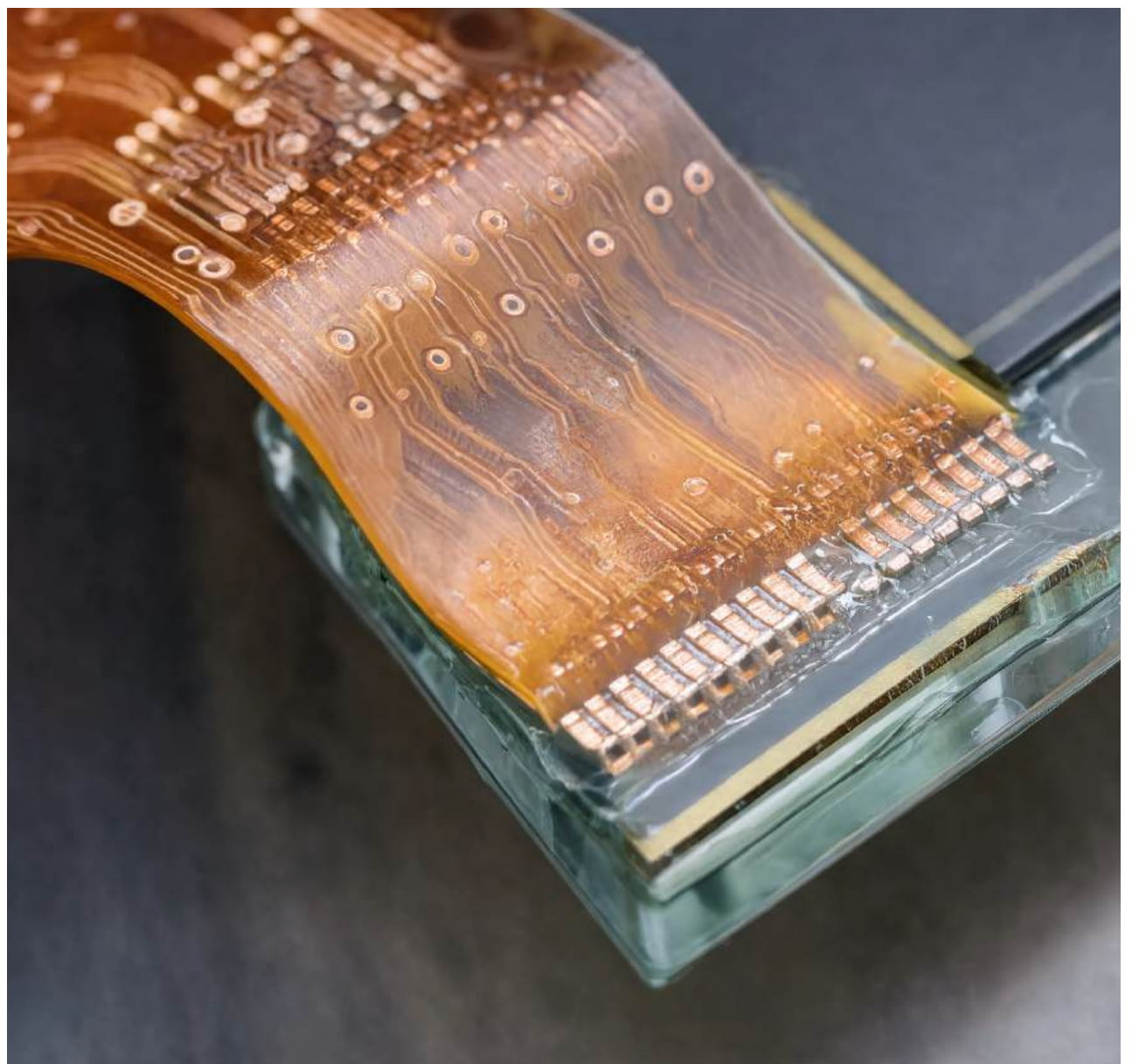
This direct bonding not only shrinks the module but also removes a potential point of mechanical failure, since fewer interconnects mean fewer places for a connection to degrade over time or under vibration.

Precision is everything in this process, with alignment tolerances at the bonding stage measured in microns. Get that right, and the payoff is a display architecture suited to some of the most demanding form factors in the industry, from handheld devices to instrument clusters and industrial control panels.



Film-on-Glass (FoG) bonding line allows for greater flexibility. This technique connects flexible printed circuits to the glass, enabling slim and lightweight solutions. Localizing both CoG and FoG bonding gives customers better control over quality, costs, and timelines. It also reduces dependency on external vendors, speeding up prototyping and production ramp-up.

Unlike CoG, where the driver IC sits directly on the glass, FoG bonding attaches the IC to a flexible printed circuit (FPC), which is then bonded to the glass panel's edge using ACF. This approach is particularly suited to displays with higher pin counts or more complex driving requirements.

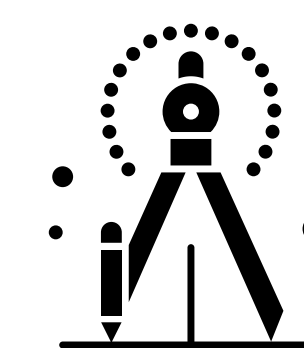


In such displays routing all connections directly onto the glass would be impractical. The flexible circuit can also be folded behind the display module itself, reducing the overall bezel width and freeing up design space for the end product's housing.

The bonding process demands the same precision as CoG, and the payoff is versatility: FoG supports larger, higher-resolution displays where CoG's direct-on-glass approach becomes less practical, making it a natural fit for industrial control panels and transportation displays.

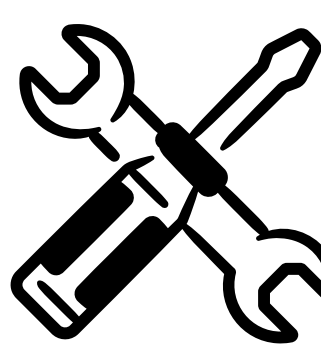


Core Manufacturing Capabilities



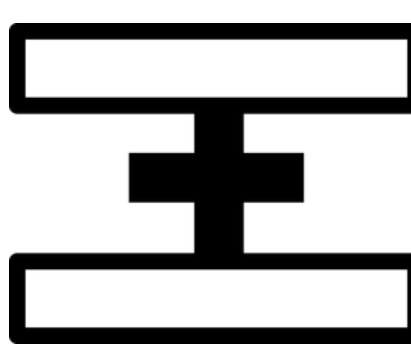
Precision Glass Processing

India's first automated cutting line for custom sizing, edge grinding, and chemical strengthening.



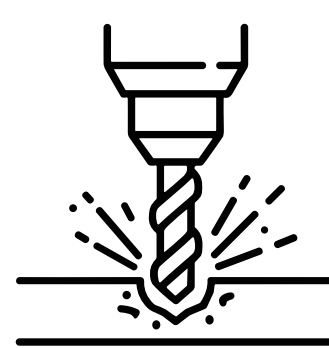
Clean Room Assembly

Class 10,000 and Class 1,000 ISO-certified environments for dust-free electronic integration.



Optical Bonding

Advanced dry and wet bonding to eliminate air gaps, improve sunlight readability, and increase impact resistance.

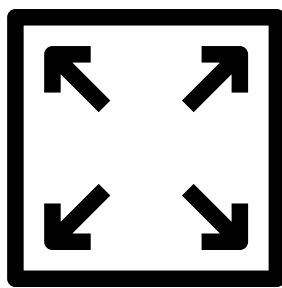


Surface Engineering

In-house application of Anti-Reflective (AR), Anti-Glare (AG), and Anti-Fingerprint (AF) coatings.

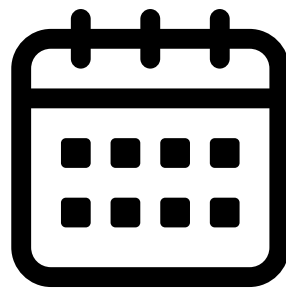
DISPLAY TECHNOLOGY AT WORK

Why it matters



Custom
Sizes

Bespoke glass dimensions for specialized industrial requirements.



Timeline

In-house cutting reduces delivery times from months to mere weeks.



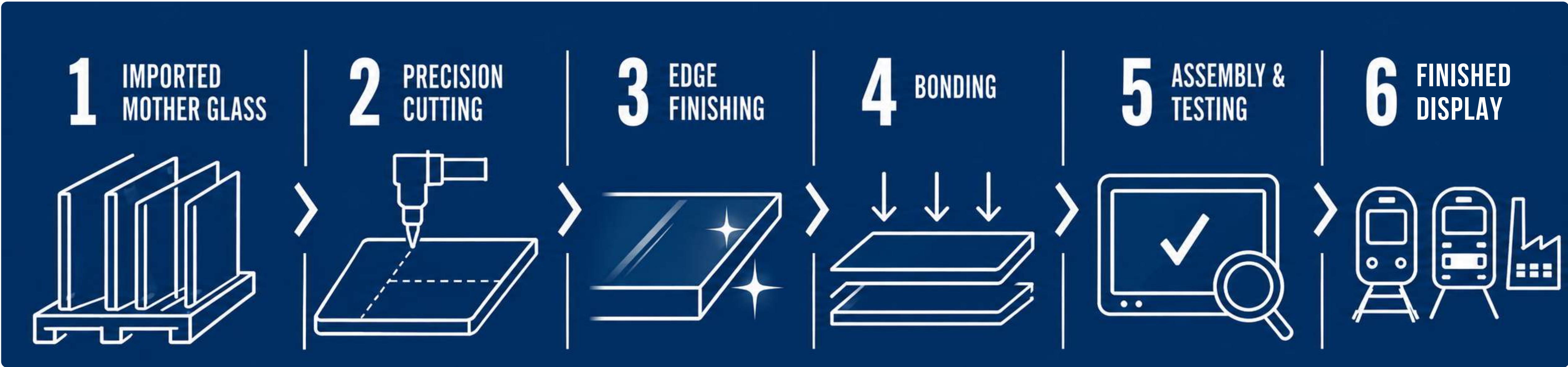
Technical
Support

Rabale-based engineers provide immediate assistance for custom designs.



Quality
Assurance

Every sheet undergoes rigorous operational and reliability tests.



Highness Microelectronics Ltd. delivers specialized display solutions across five key sectors, ensuring that India’s infrastructure is powered by reliable, locally manufactured technology.



Industrial Automation

- Touch Screen Monitors for Navigational Controls & HMIs
- Mechanized Touch Screens for Oily & Gloved Fingers
- Wide Operating Temperature up to +80°C



Medical & Healthcare

- 4K Imaging Experience
- Cost-Effective Monitors for ENT, Urology, Bronchoscopy
- Surgical Monitors for Laparoscopy, Gastroscopy, Endoscopy & more



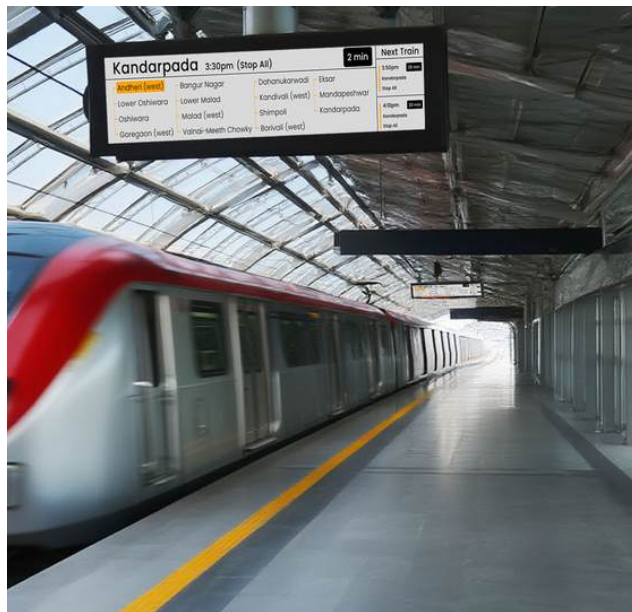
Surveillance & Defense

- Ruggedized Displays: Up to 9H Surface Hardness
- Anti-Glare, Anti-Reflective & Anti-Smudge Surface Treatment
- Night Vision / NVIS Compatibility



Highness Microelectronics Ltd. raised capital to fund its next phase of expansion, with proceeds directed toward enhancing manufacturing capabilities at Rabale and establishing the upcoming facility in the Goa electronics cluster. A portion of the funds is earmarked for next-generation semiconductor bonding equipment and R&D toward indigenous display controllers.

BSE SME : 544741 HIGHNESS



Transportation

- Qualified Displays for Passenger Information Systems (PIS / PAPIS)
- Stretched & Bar type Displays for Dynamic Route Maps (DRM)
- Gate Displays for Automatic Fare Collection (AFC)



Avionics & Aerospace

- High Brightness – Sunlight Visibility
- EMI/EMC Shielded and Conformally Coated
- Wide Operating Temperature: -40°C to +80°C

MADE IN INDIA, BUILT FOR CRITICAL USE

Beyond Factories: India's SEMICON 2.0

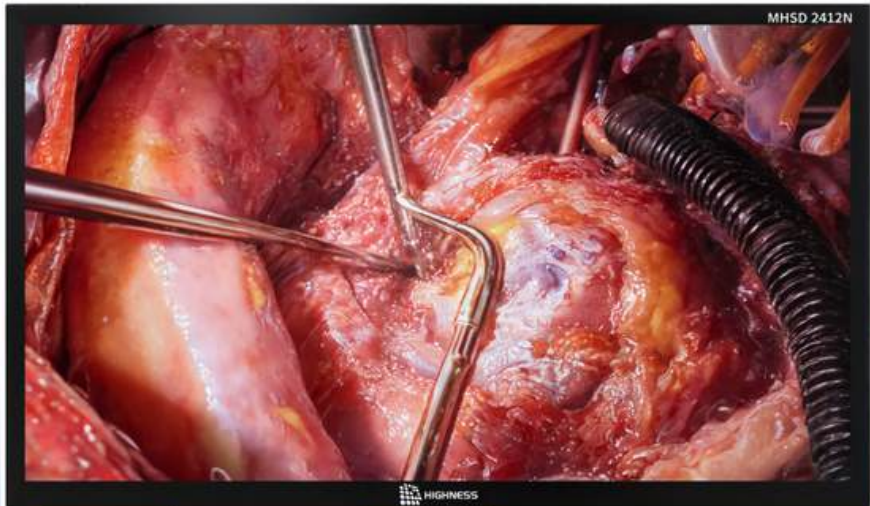
SEMICON 2.0 policy by The India Semiconductor Mission (ISM), officially notified in September 2026, marks a significant leap in India’s ambition to become a global electronics powerhouse. Building on the foundation laid by its predecessor, it shifts the focus from merely attracting "factories" to building a full-stack, resilient semiconductor ecosystem.

The mission is backed by a massive fiscal outlay of ₹1,27,500 crore (approximately \$13.3 billion), significantly higher than the ₹76,000 crore allocated last year. The new mission is structured around six key pillars designed to cover the entire value chain:



Pillar 1: Indigenous Design: Focuses on deepening the chip design ecosystem. With over 100 startups already active, the goal is to develop "Indian-owned IP" and systems-on-chip for strategic sectors like defense and tele-communications.	Pillar 2: Equipment and Materials: For the first time, India is incentivizing the production of semiconductor manufacturing machines, specialty gases, chemicals, and raw materials. This aims to reduce the heavy reliance on global imports for "consumables" used in fabs.	Pillar 3: Advanced Fabrication (Fabs): While SEMICON 1.0 targeted legacy nodes, SEMICON 2.0 seeks to attract manufacturers for more advanced technology nodes (28nm and below), as well as compound semiconductors (GaN, SiC) and display fabrication.	Pillar 4: ATMP & OSAT Strengthening: Strengthening Assembly, Testing, Marking, and Packaging (ATMP) and Outsourced Semiconductor Assembly and Test (OSAT) units to ensure the back-end of the supply chain is robust.	Pillar 5: Research & Development (R&D): Transitioning from "Make in India" to "Engineer in India," the mission funds industry-led research centers to develop home-grown technologies.	Pillar 6: Talent Development: Having already trained 85,000 engineers under the first phase, ISM and SEMICON 2.0 sets a new target to develop 100,000 more semiconductor professionals by embedding specialized courses in 300+ universities.
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STILL PAYING FULL GST
ON YOUR MEDICAL GRADE DISPLAYS?



MMSD

5% GST

ON EVERY HIGHNESS
MEDICAL & SURGICAL GRADE MONITOR

Highness provides high-resolution medical displays engineered for clarity in diagnostic environments

From surgical touchscreens to radiology monitors, each unit is calibrated for precise color reproduction, ensuring that what the clinician sees on screen reflects true diagnostic detail. Every Highness medical and surgical grade monitor is shipped with a valid calibration certificate, giving hospitals and healthcare procurement teams documented assurance of display accuracy rather than a claim taken on faith.

By manufacturing locally, we provide customized solutions for hospitals across India and beyond, backed by consistent quality control and long-term supply support.

And with GST on medical and surgical grade monitors now at 5%, upgrading to a Highness display comes at a meaningfully lower cost of ownership.

EXPANDING CAPACITY AND CAPABILITIES

The upcoming Goa facility in Tuem will serve as a primary hub for high-volume localized production.



Highness Microelectronics Ltd. is expanding into Goa's electronics cluster, a move aligned with the state's push to attract electronics manufacturing investment. The new facility is intended to support the company's localization goals by bringing glass processing, backlight assembly, and final module testing into a single integrated site.

Goa's growing pool of skilled labor and established logistics connectivity made it a practical choice for this next phase of expansion. Rather than operating as a standalone unit, the Goa facility is designed to complement the Rabale plant, with the two sites together supporting a larger share of the manufacturing process in-house.

An integrated site of this kind is expected to shorten turnaround times and reduce dependency on external vendors at intermediate production stages, since fewer components need to move between facilities before reaching final assembly. As the facility comes online, it is expected to add meaningfully to Highness's overall production capacity.

WHAT HIGHNESS

Actually Does In Simple Terms

www.highnessmicro.com

HIGHNESS 2K SURGICAL MONITOR SERIES

Sizes Available: 21.5" | 24" | 27" | 32" | 43" | 55"

Icons: Dicom, 3G-SDI, HDMI, VGA, DVI-I, CVBS

INDUSTRIAL WINDOWS PANEL PC

Available Size Up to 21.5"

Wide Working Temperature Range, Fanless Motherboard, Sunlight Readable

DDR 4 RAM, Various Port, Waterproof, Oilproof

Full Flat Seamless Front Panel Design With IP65 Dustproof And Waterproof, Support Oilproof.

DISPLAYS FOR RAILWAYS & METROS

ONBOARD | PLATFORM | CONTROL ROOM

ISO 9001:2015, MAKE IN INDIA

SERIOUS BUYERS DON'T ASK FOR BROCHURES. THEY ASK FOR ENGINEERS.

Why Highness

Make In India

WWW.HIGHNESSMICRO.COM



Highness Microelectronics Ltd. showcases display technology on Day 1 of SEMICON India 2026

NEW DELHI, September 17, 2026 — Highness Microelectronics Ltd, an Indian manufacturer of digital imaging and flat-panel display solutions, opened its participation at SEMICON India 2026 on Thursday, drawing visitors from across the railway and other related technology sectors to its booth on the exhibition floor.



The event was inaugurated by Prime Minister Shri Narendra Modi, Minister of Railways, Information and Broadcasting, and Electronics and Information Technology, Shri Ashwini Vaishnaw and the Minister of State in the Ministry of Electronics and Information Technology, Shri Jitin Prasada, marking the start of the three-day exhibition, which brings together companies across India's electronics and semiconductor manufacturing ecosystem.

For Highness, which designs, engineers, and manufactures display solutions for the medical, defense, railways, and industrial automation sectors, the exhibition has become an opportunity to engage directly with the industry it serves. The company's booth featured its range of display technology across these verticals, alongside conversations with engineers and business teams from visiting companies.

Among the visitors to the Highness booth on the first day were the India director of R2P and a representative from a prominent automobile cluster manufacturer, both of whom held discussions with the Highness team about the company's display technology.

Kushal Vishwakarma, Chief Operating Officer of Highness Microelectronics Ltd, was interviewed at the booth during the day, discussing the engineering and manufacturing work behind the displays on show.

The Highness booth also featured Vacuum Fluorescent Display (VFD) technology from Noritake Itron Corporation, a Japanese electronics manufacturer. Fumihiko Mizutani, Sales Head for Noritake's India region, was present at the booth on the first day and is expected to remain through the remainder of the exhibition. SEMICON India 2026 continues through September 19.



From trading to manufacturing: the Highness story

A message from Gaurav Kejriwal, the Founder & Managing Director of Highness Microelectronics Ltd. India

The display industry has traveled a remarkable distance over the past few decades, evolving from bulky cathode ray tube screens to the thin, efficient, and increasingly intelligent panels that surround us today. Liquid crystal display (LCD) technology brought the first major leap, replacing heavy glass tubes with flat, energy-efficient panels that made large-format televisions and computer monitors mainstream.

(cont. on P2)



(Article continues).

This was followed by the rise of LED backlighting, which improved brightness, contrast, and power efficiency, and then by OLED and AMOLED technologies, which eliminated the need for backlighting altogether by allowing each pixel to emit its own light, delivering deeper blacks, richer colors, and thinner form factors.

More recently, the industry has moved toward Mini-LED and Micro-LED technologies, flexible and foldable displays, and advanced bonding techniques such as Chip-on-Glass (CoG) and Film-on-Glass (FoG), which allow driver electronics to be mounted directly onto the display substrate for slimmer, more reliable, and more cost-effective modules.

"Always chasing more performance in less space."

Each of these shifts has been driven by a common thread: the demand for displays that are sharper, thinner, more durable, and more energy-efficient, whether for consumer electronics, industrial applications, or large-format public signage.

India is now positioning itself to become a significant player in this global display and semiconductor manufacturing landscape. Government initiatives such as the Production Linked Incentive (PLI) scheme for electronics and the more recently introduced India Semiconductor Mission have been designed to attract investment into chip fabrication, display fabrication, and assembly, testing, marking, and packaging (ATMP) facilities within the country. States like Maharashtra, Gujarat, Karnataka, Tamil Nadu, and Goa are actively competing to host these facilities, offering land, power, and logistics incentives to both domestic and international manufacturers.

This push is driven by a mix of strategic and economic imperatives: reducing dependence on imports, building supply chain resilience following global disruptions, and creating high-skilled manufacturing jobs at scale.

"Trading led to assembly, assembly led to glass."

As global electronics brands look to de-risk their supply chains and domestic demand for displays and semiconductors continues to grow across consumer, automotive, and industrial segments, India's emergence as a manufacturing hub is no longer a distant ambition but an unfolding reality, with new fabs, assembly lines, and component ecosystems taking shape across the country.

Highness Microelectronics has been part of this journey long before it became a national priority. The company's story began way back in 2007 (and personally for me, even before that), as a trading business, sourcing and supplying display components to meet the needs of a market that had little local manufacturing to rely on. Recognizing the limitations of trading alone, Highness took the next step into assembly, building the capability to integrate and test display modules in-house rather than simply reselling imported parts.

"We want Highness trusted globally, not just domestically."

This gradual, hands-on progression gave the company a deep, practical understanding of display manufacturing at every stage, from raw glass to finished module, and laid the groundwork for its most significant milestone yet: bringing the first glass cutting line to India.

This move marked a shift from assembly to true manufacturing, allowing Highness to process raw glass domestically rather than depending on imports. Building on this foundation, the company is now extending its manufacturing footprint with a new facility in Goa, which will bring glass processing, backlight assembly, and final module testing together at a single site using CoG and FoG bonding techniques, working alongside the existing Rabale plant to expand in-house production capacity.

What started as a small trading operation has thus evolved into a manufacturer contributing meaningfully to India's push toward display and electronics self-reliance — a trajectory that mirrors, in microcosm, the larger story of India's rise in global manufacturing.

"Glass, backlight assembly, and testing: one roof."

Highness Microelectronics is positioning itself as a key strategic partner in strengthening India's display supply chain and building a self-reliant domestic manufacturing ecosystem, one that reduces reliance on imports and brings critical bonding and assembly capabilities closer to home.

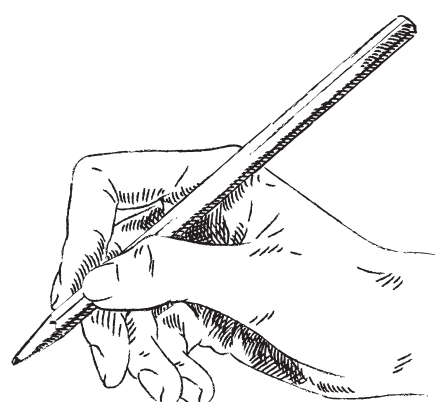
Central to this vision is a clear ambition to take on export responsibility, growing beyond a purely domestic focus to become a decent-sized player in the global display supply chain and contributing to India's broader positioning as a credible electronics manufacturing hub.

"India is earning its seat in global manufacturing."

Reinforcing this ambition with a strong local-innovation footprint, the company is willing to set up a Center of Excellence at its upcoming Goa facility, aimed at promoting design engineering research, providing students with hands-on exposure to real manufacturing and design processes, and nurturing a pipeline of skilled talent in the region.

This is complemented by a broader push to collaborate with academia, with Highness looking to work closely with educational and research institutions on joint projects, curriculum development, and applied research initiatives that build engineering capabilities and drive research supporting long-term technological advancement in the display manufacturing space.

Taken together, these commitments tie the company's Goa expansion not just to added production capacity, but to a deeper role in shaping India's display ecosystem, talent base, and innovation culture for the years ahead.



India's glass cutting journey to begin in Rabale

Highness Microelectronics Ltd. will soon establish a precision glass cutting facility in Rabale, Navi Mumbai, serving India's growing display market and demanding industrial applications, including avionics and medical imaging. The plant will process large mother glass sheets into custom sizes, marking a key milestone in Highness's India operations.

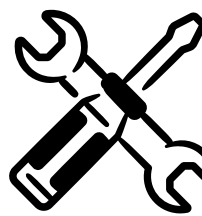
"This reflects our commitment to bringing world-class manufacturing capabilities to India."

The facility will also features edge-finishing and polishing systems that ensure structural integrity and consistent quality beyond what manual processes allow. Local manufacturing lets Highness sync glass cutting with metal fabrication and PCB assembly for better-fitting products, with plans ahead to add complex shapes and chemically strengthened glass.

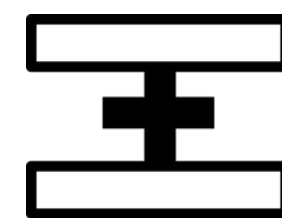
Core Manufacturing Capabilities



Automated Glass Resizing
India's first automated line offering custom-size glass cutting.



Clean Room Assembly
ISO-certified Class 10,000/1,000 environments for dust-free integration.

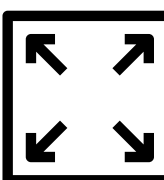


Optical Bonding
Advanced dry and wet bonding removes air gaps, boosting sunlight readability and impact resistance.



Surface Treatment
In-house application of Anti-Reflective, Anti-Glare, and Anti-Fingerprint coatings.

Why it matters



Custom Sizes
Custom glass dimensions engineered for specialized needs.



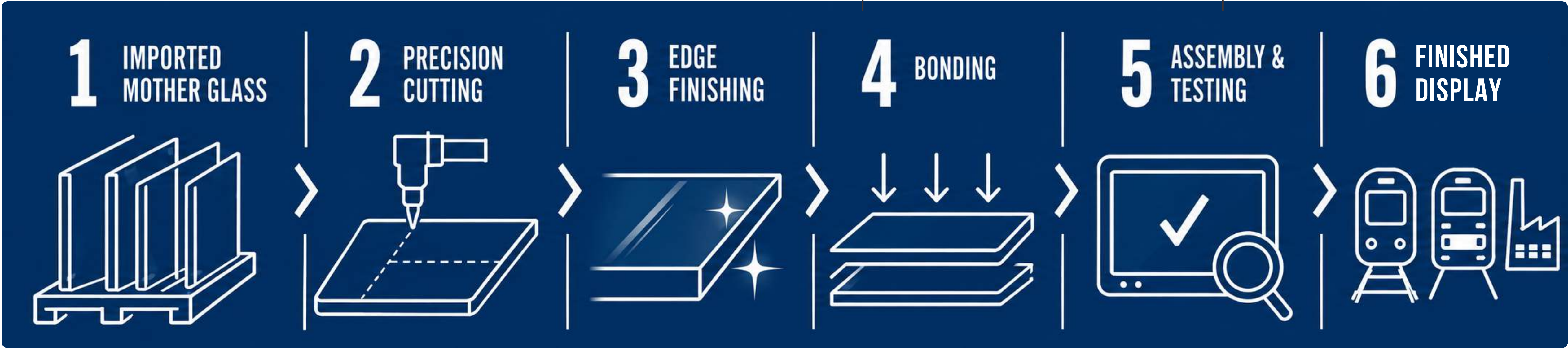
Timeline
Local cutting capability shrinks lead times from months to weeks



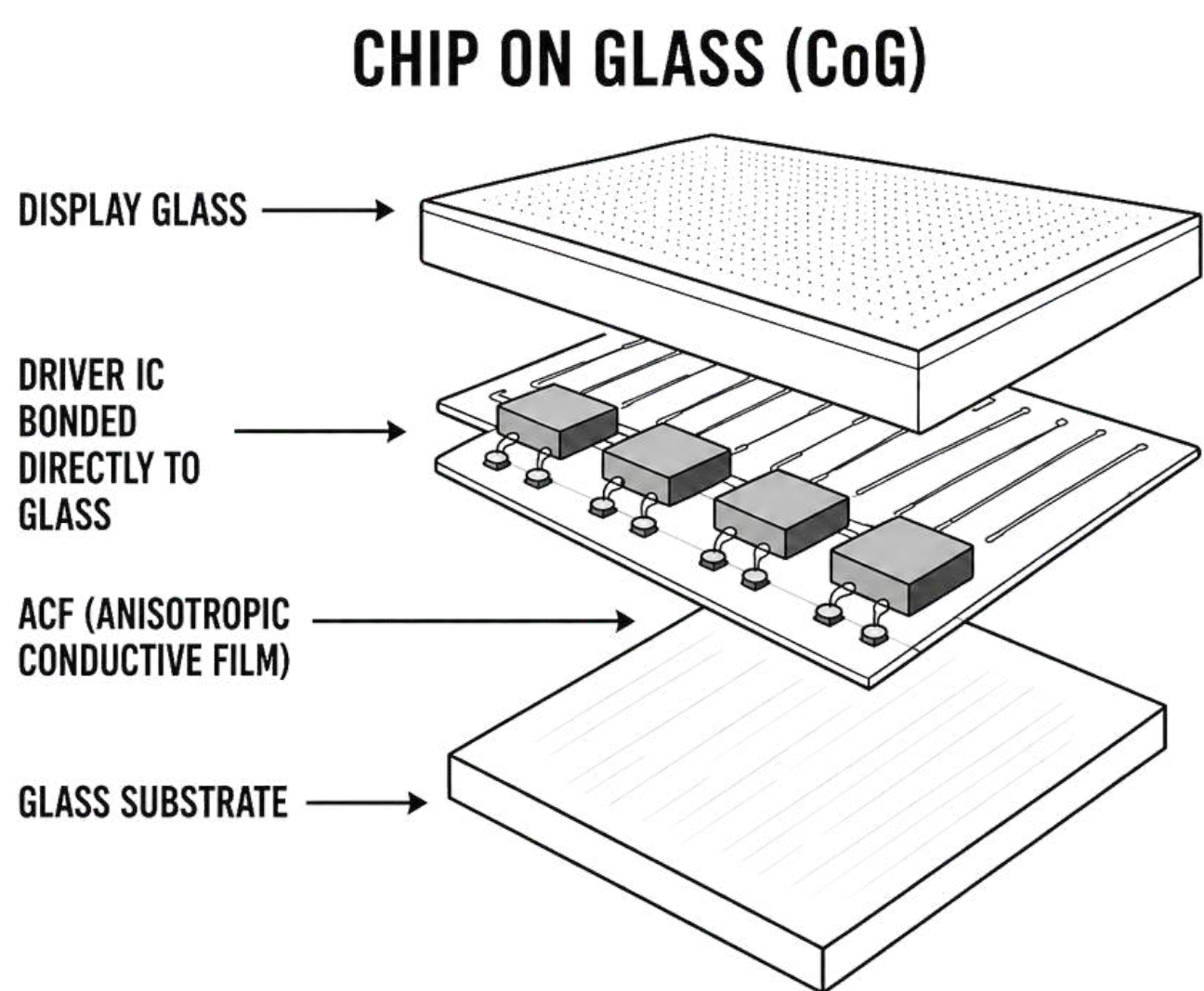
Technical Support
On-site engineers deliver quick turnaround on custom design support.



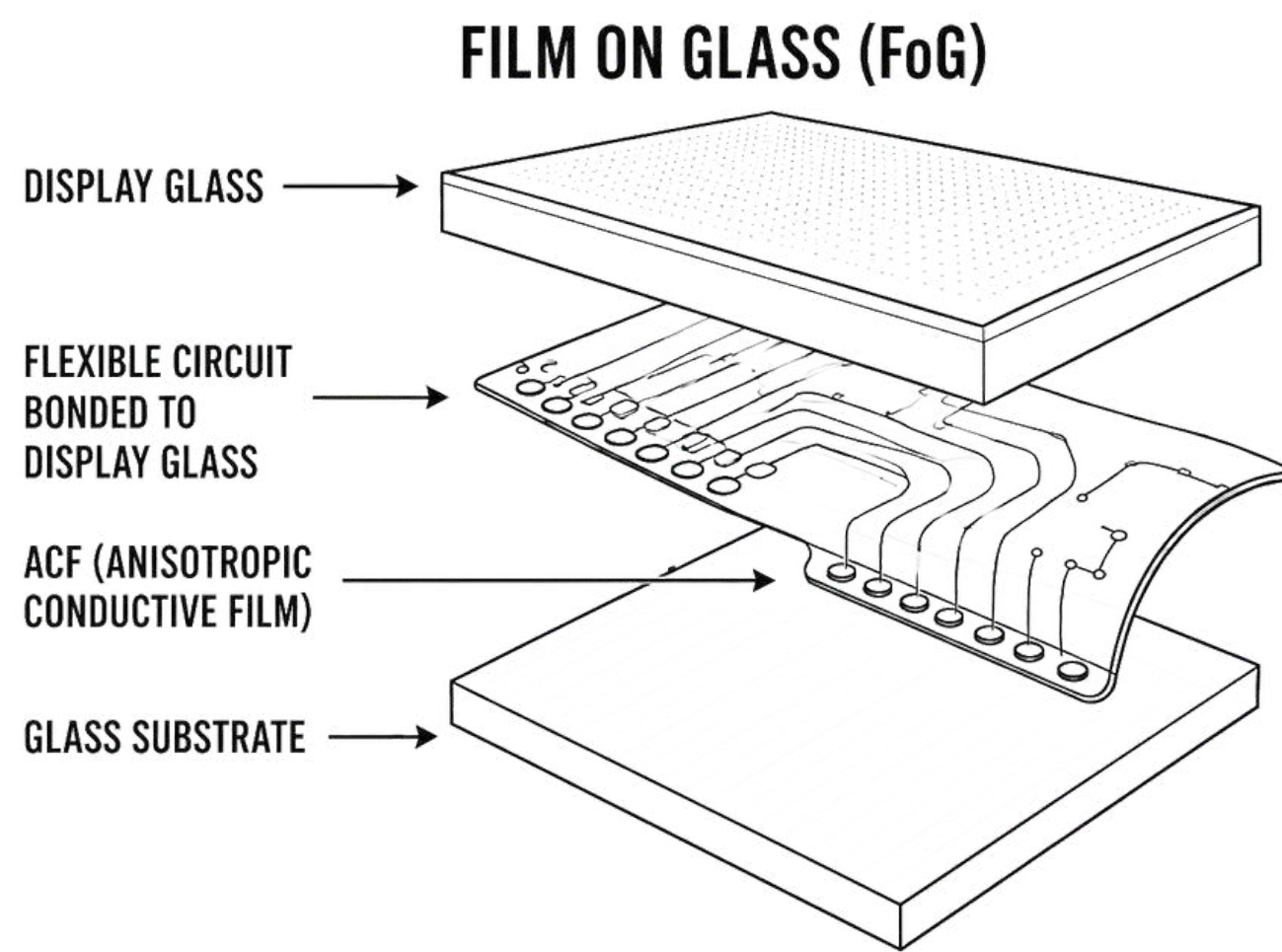
Quality Assurance
Each sheet undergoes strict performance and durability testing.



Advancing India's display manufacturing — CoG and FoG bonding, made in Goa



Chip-on-Glass (CoG) bonds the driver IC directly onto the display glass via ACF, skipping the flexible circuit used in FoG for a thinner, bezel-heavier module with shorter signal paths and fewer fatigue-prone joints. Built with micron-level precision in ISO-certified cleanrooms, it's ideal for smartphones, wearables, and automotive displays.



Film-on-Glass (FoG) mounts the driver IC on a flexible circuit, then bonds it to the glass edge—handling higher pin counts and folding behind the module to reduce bezel width. More versatile than CoG, it's suited to larger, higher-resolution displays for transportation and industrial panels.



HIGHNESS MICROELECTRONICS LTD. DEPLOYS IPO PROCEEDS FOR EXPANSION AND INNOVATION



Highness Microelectronics Ltd. has raised fresh capital to fuel its next growth phase, funding upgrades at its Rabale facility, the new Goa unit, next-gen bonding equipment, and R&D into indigenous display controllers.

BSE SME : 544741 HIGHNESS

India Semiconductor Mission (ISM)

India Semiconductor Mission (ISM) 2.0, notified in August 2026, marks a major step up in India's semiconductor ambitions — moving beyond just attracting fabs toward building a complete, self-reliant ecosystem. It carries a fiscal outlay of ₹1,27,500 crore (~\$13.3 billion), up sharply from ₹76,000 crore under ISM 1.0.

Rabale to Goa: one integrated manufacturing story, built in-house

Highness Microelectronics Ltd. has grown from a trusted assembly partner into a full-scale display manufacturer, with in-house glass cutting and resizing at our Rabale, Navi Mumbai facility now supporting precision-driven sectors like defense, medical equipment, and industrial automation, each module rigorously tested before it leaves our floor. Our upcoming Goa facility will extend this integrated, in-house approach even further.

Highness Microelectronics Ltd. to set up localized production hub in Tuem, Goa



Highness Microelectronics Ltd. is expanding into Goa's electronics cluster, drawing on the state's manufacturing push, skilled labor, and logistics strength. The new facility will unite glass processing, backlight assembly, and final module testing on one site, complementing the existing Rabale plant to bring more production in-house. This integration is set to speed up turnaround, cut reliance on outside vendors, and meaningfully boost Highness's overall capacity.

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Building India's Display Future: A Recap of SEMICON India 2026 and the India Display Conference

NEW DELHI, September 18, 2026 — SEMICON India 2026 drew 500+ exhibitors, ~240 international companies, and 150+ speakers under the theme "Silicon to Systems: Building the Ecosystem." Within it, the India Display Conference (IDC) 2026, an SID initiative, gave India's display sector its own track, featuring MeitY Secretary Shri S. Krishnan on the shift from policy to execution; Smt. P. Bharathi, Secretary of Gujarat's DST, on state-level investment; Harit Doshi, CEO of Omniplay Technologies and SID President-Elect, on global industry perspective; and Dr. Sudheer Kumar, COO of IIT Kanpur's National Centre for Flexible Electronics, on the research and talent pipeline ahead.



These sessions ran alongside panels on display fabs, supply chains, and workforce development, culminating in an Automotive Displays panel featuring Highness Microelectronics Ltd, a marker of how far India's display ecosystem has come, with Highness's upcoming Goa facility set to carry that momentum forward.

Deepening Ties with Noritake

Highness Microelectronics Ltd.'s long-standing partnership with Japanese electronics major Noritake was in the spotlight at SEMICON India 2026, where Fumihiko Mizutani, Noritake's Sales Head for the India region, praised the company's Rabale, Navi Mumbai facility as a distribution partner, saying, "Highness is a very reliable company to distribute our products. I really appreciate the effort you make, thank you very much"; Mizutani also shared that he thoroughly enjoyed SEMICON India, where meeting delegates from various semiconductor companies made him feel very good and enhanced his overall experience at the event.



The exchange comes as Highness Microelectronics Ltd. continues to build visibility in India's semiconductor and electronics manufacturing ecosystem, with its Rabale facility and upcoming Goa plant — built around CoG and FoG bonding capabilities — positioning the company as a growing name in the Make in India manufacturing story.

Highness Microelectronics Ltd. Wins 'Display Rising Star Award'

Highness Microelectronics Ltd. has been honored with the "Display Rising Star Award" at the India Display Conference 2026, recognizing its rapid progress in vertically integrating display module assembly in India.

"Highness has made remarkable progress in vertically integrating display module assembly in India," said Harit Doshi, President-Elect of the Society for Information Display and CEO of Omniplay Technologies. "Congratulations to the entire Highness team on receiving the 'Display Rising Star Award' at the India Display Conference 2026. Their pace of innovation and execution reflects the tremendous momentum building within India's display industry. Their achievements are not only advancing the ecosystem, but also setting an example that will inspire many others to follow."



The award adds to Highness's growing momentum as it expands from its Rabale, Navi Mumbai plant to a new integrated facility in Goa.

Scaling Up: A New Chapter of Growth for Highness

Chief Strategy Officer of Highness Microelectronics Ltd., Pradeep Sharma took the platform at SEMICON to speak about the technologies driving the company's next phase of growth, its expansion plans, and what lies ahead for Highness. Sharma discussed the company's Chip-on-Glass and Film-on-Glass bonding capabilities — technologies that let Highness serve applications ranging from surgical monitors to metro rail displays out of a single core manufacturing base — and detailed the company's upcoming facility in Tuem, Goa, chosen for its skilled workforce and logistics connectivity. He explained that the Goa site will work in tandem with the company's existing Rabale, Navi Mumbai plant, integrating glass processing, backlight assembly and final module testing under one roof to shorten turnaround times and reduce reliance on external vendors. He closed by tying the expansion to a larger ambition: bringing a greater share of manufacturing in-house and strengthening India's domestic display supply chain in the years to come.



Powering India's Metro Networks, and Beyond: Highness' Display Deployments Across Urban Transit

As India's cities race to expand mass rapid transit, one critical but often overlooked component keeps every system running smoothly: the display. From the driver's desk to the passenger cabin, from ticketing counters to fare gates, displays are the silent interface between operators, commuters, and the network itself. Highness Microelectronics has quietly become a trusted partner in this space, with its indigenously manufactured displays now commissioned across seven Indian metro systems — and, increasingly, on international lines as well.

A Footprint Spanning the Country

Highness Microelectronics' display products are deployed across metro networks in Delhi, Mumbai, Chennai, Kolkata, Indore, Bhopal, and Jaipur — spanning both major metros and emerging Tier-2 transit systems. This isn't a single-use-case footprint. Highness displays serve four distinct, mission-critical touchpoints within each metro system:

- **Driver's Desk Displays** — giving operators real-time system information for safe, precise train control
- **Passenger Information Displays inside the passenger cabin** — keeping commuters informed of routes, stops, and journey updates in real time
- **TVM (Ticket Vending Machine) Kiosks** — the self-service interface millions of commuters interact with daily
- **AFC (Automatic Fare Collection) Systems** — the display technology underpinning seamless, contactless fare gates

Each application brings its own engineering demands — sunlight readability and vibration resistance for driver desks, durability and touch responsiveness for TVM kiosks. Commissioning displays across all four categories, at scale across seven cities, reflects the depth of Highness's manufacturing capability.



Going Global: Dubai and Australia

Highness's transit display expertise hasn't stayed within India's borders. The company's indigenously made displays are now being commissioned for metro systems in Dubai and on metro lines in Australia — a milestone that speaks to the global competitiveness of India's display manufacturing capability.

"The best transit display is the one no one notices — because it just works, every trip, every day."

For a "Make in India" manufacturer, international commissioning is more than a commercial win. It's validation that indigenous display technology can meet the stringent reliability, safety, and performance standards demanded by some of the world's most sophisticated transit operators.

Built for Scale: The Manufacturing Backbone

This deployment record is backed by Highness's growing manufacturing base — the existing Rabale, Navi Mumbai plant, now complemented by a new Tuem, Goa facility integrating glass processing, backlight assembly, and module testing via CoG and FoG bonding. Together, the two sites bring more of the process in-house, shortening turnaround times for high-volume, mission-critical rollouts like metro systems.

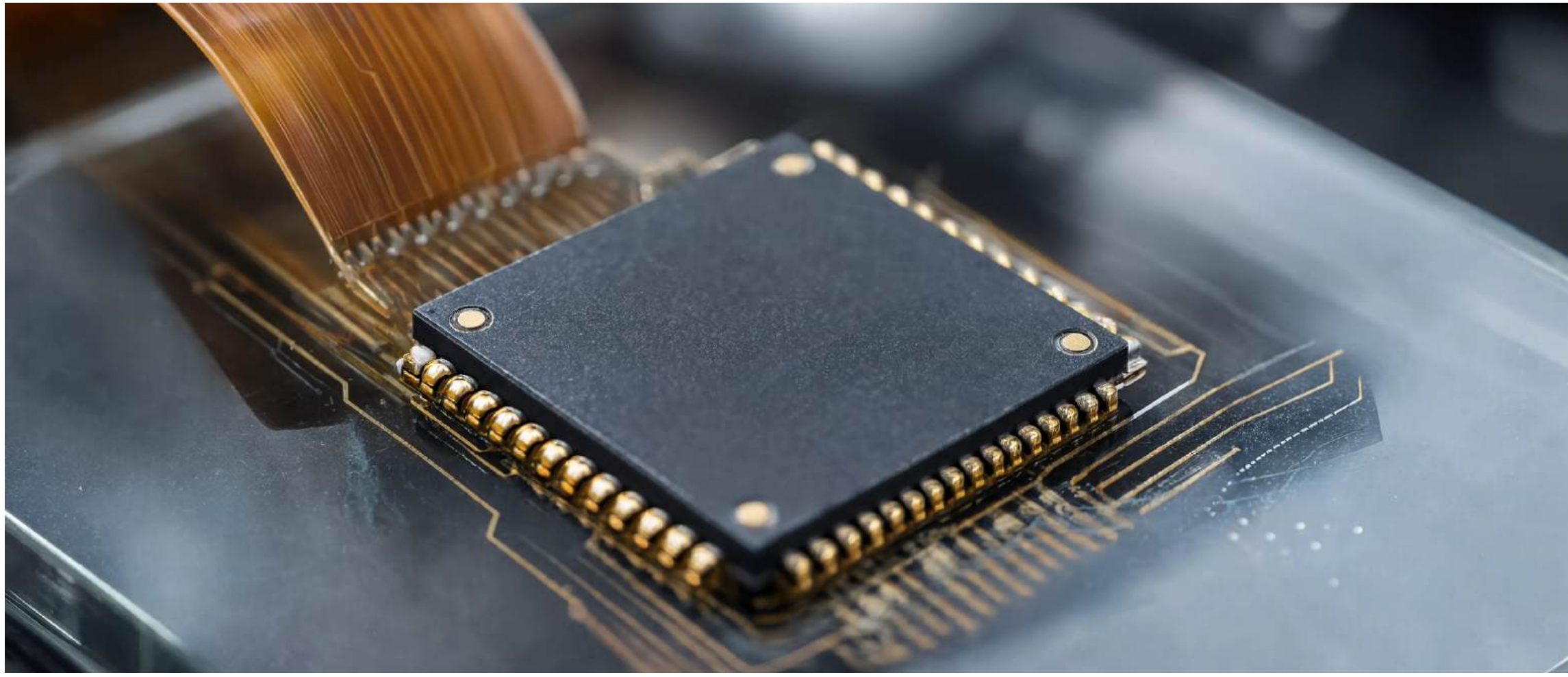
Looking Ahead

As metro expansion accelerates and global operators diversify their supply chains, Highness Microelectronics Ltd. sits at the intersection of two trends: rising urban transit demand and India's emergence as a hub for precision electronics manufacturing.

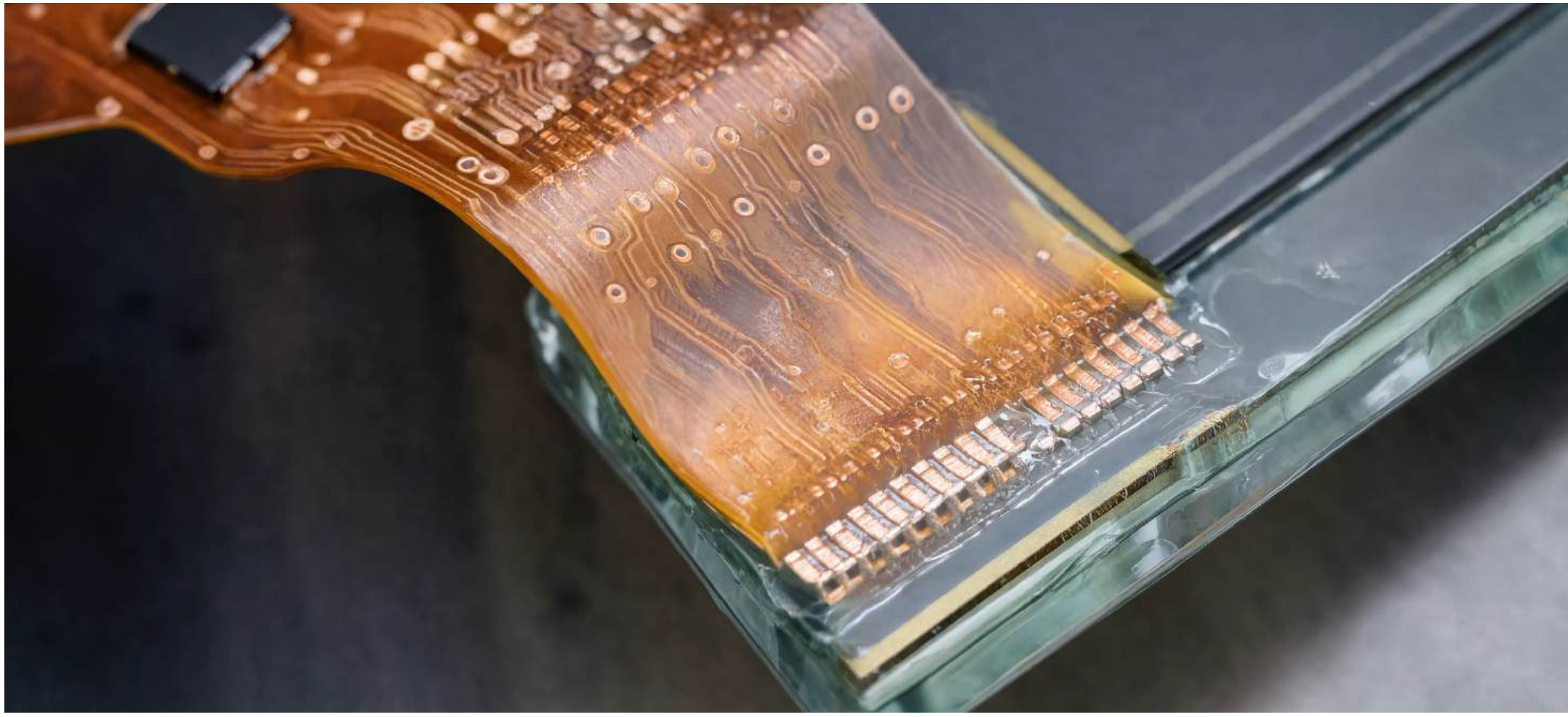
From Delhi's platforms to Dubai's rail corridors, Highness's displays are already doing the quiet, essential work of keeping millions of commuters informed and moving — one screen at a time.



Precision Meets Place: Scaling Display Manufacturing from Goa



Chip-on-Glass (CoG) bonding attaches the driver IC directly onto the display glass using ACF — skipping the flexible circuit FoG relies on. The result: a thinner module with shorter signal paths and fewer fatigue-prone joints, built to micron-level precision in ISO-certified cleanrooms. It's this precision that makes CoG the standard for smartphones, wearables, and automotive displays.



Film-on-Glass (FoG) mounts the driver IC on a flexible circuit, then bonds it along the glass edge — supporting higher pin densities and folding behind the display to keep bezels slim. That flexibility makes FoG the preferred choice for larger, higher-resolution panels in transportation and industrial settings.



India Semiconductor Mission (ISM)

India's semiconductor ambitions took a decisive step forward with ISM 2.0, notified in August 2026. Where the first phase focused on drawing fabs into the country, this next phase is built around something bigger — a complete, self-reliant semiconductor ecosystem. The numbers reflect that ambition: a fiscal outlay of ₹1,27,500 crore (~\$13.3 billion), a sharp jump from the ₹76,000 crore committed under ISM 1.0.

Connected by Design: Rabale and Goa as One Manufacturing Story

What began as a trusted assembly partnership has grown into full-scale display manufacturing. At our Rabale, Navi Mumbai facility, in-house glass cutting and resizing now support precision-driven sectors — defense, medical equipment, industrial automation — with every module tested rigorously before it leaves the floor. The upcoming Goa facility carries this same integrated, in-house philosophy forward.

A New Chapter in Tuem: Highness Microelectronics' Goa Production Hub



Highness Microelectronics Ltd. is expanding into Goa's electronics cluster, a move shaped by the state's manufacturing push, skilled workforce, and strong logistics connectivity. The new facility will bring glass processing, backlight assembly, and final module testing together under one roof, working alongside the existing Rabale plant to deepen in-house production. The payoff: faster turnaround, less dependence on outside vendors, and a meaningful step up in overall capacity.

From five key sectors, Highness is building India's infrastructure with reliable, locally made display tech.



Industrial Automation

- Touch Screen Monitors for Navigational Controls & HMIs
- Mechanized Touch Screens for Oily & Gloved Fingers
- Wide Operating Temperature up to +80°C



Medical & Healthcare

- 4K Imaging Experience
- Cost-Effective Monitors for ENT, Urology, Bronchoscopy
- Surgical Monitors for Laparoscopy, Gastroscopy, Endoscopy & more



Surveillance & Defense

- Ruggedized Displays: Up to 9H Surface Hardness
- Anti-Glare, Anti-Reflective & Anti-Smudge Surface Treatment
- Night Vision / NVIS Compatibility



Avionics & Aerospace

- High Brightness – Sunlight Visibility
- EMI/EMC Shielded and Conformally Coated
- Wide Operating Temperature: -40°C to +80°C



Transportation

- Qualified Displays for Passenger Information Systems (PIS / PAPIS)
- Stretched & Bar type Displays for Dynamic Route Maps (DRM)
- Gate Displays for Automatic Fare Collection (AFC)

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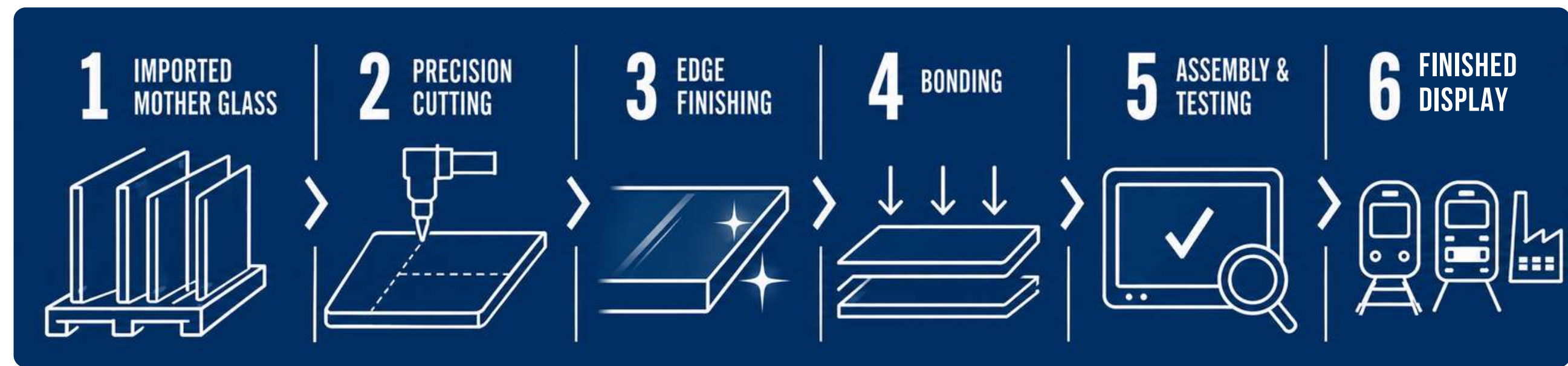
CHICAGO, IL — Highness Microelectronics Ltd, will make its debut at APTA TRANSform & EXPO 2026 this October at Chicago's McCormick Place, marking its first major push into the US transit market. At Booth #4670, visitors can see the company's display manufacturing range from raw glass through finished, transit-ready product, including LCD panels from 16.3" to 48.3" in standard and ultra-wide formats, monochrome LED destination indicators rated for outdoor duty, and an industrial-grade touchscreen suited to driver consoles and passenger kiosks.

Rabale – the starting point of India's glass cutting journey.

Highness Microelectronics Ltd.'s precision glass cutting facility in Rabale, Navi Mumbai, will serve both India's growing display market and exacting industrial needs, avionics and medical imaging among them. By converting large mother glass sheets into custom sizes, the plant will mark a defining milestone in Highness's India journey.

"This is our commitment to world-class manufacturing, made in India."

The facility brings a capability most domestic manufacturers haven't had: cutting display glass to a precise, custom specification instead of working within the fixed sizes imported panels allow. For sectors like avionics and medical imaging, where tolerances are tight, that difference matters.



Core Manufacturing Capabilities



India's first automated line offering custom-size glass cutting.



ISO-certified Class 10,000/1,000 environments for dust-free integration.



Advanced dry and wet bonding removes air gaps, boosting sunlight readability and impact resistance.



In-house application of Anti-Reflective, Anti-Glare, and Anti-Fingerprint coatings.

Why it matters



Custom glass dimensions engineered for specialized needs.



Local cutting capability shrinks lead times from months to weeks



On-site engineers deliver quick turnaround on custom design support.



Each sheet undergoes strict performance and durability testing.



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