



Japan Display Inc.

FY25/3 Full-Year Corporate Presentation

May 15, 2025



PersonalTech For A Better World



Japan Display Inc.

FY25/3 Overview

- **Ending production at Mobara Fab by March 2026 to accelerate BEYOND DISPLAY growth strategy & drive a return to profitability & sustainable growth**
- **Ishikawa Fab will transform into a low-cost MULTI-FAB producing high-end displays, sensors, and advanced semiconductor packaging to flexibly service a broad range of customers**
- **In discussion with foundry partners to build out a fabless eLEAP business model and global ecosystem**
- **Strategic investment & partnership with OLEDWorks to jointly launch an advanced fab & R&D to deliver high-performance displays for critical industries including defense, automotive, and medical applications**

- **Sales decreased 21% YoY on back of lower shipments of LCD smartphones and VR**
- **Lower operating profit & EBITDA on lower sales**
- **Took restructuring expenses on ending production at Tottori & Mobara Fabs**
- **Paying down debt & strengthening financial position continue to be urgent priorities**

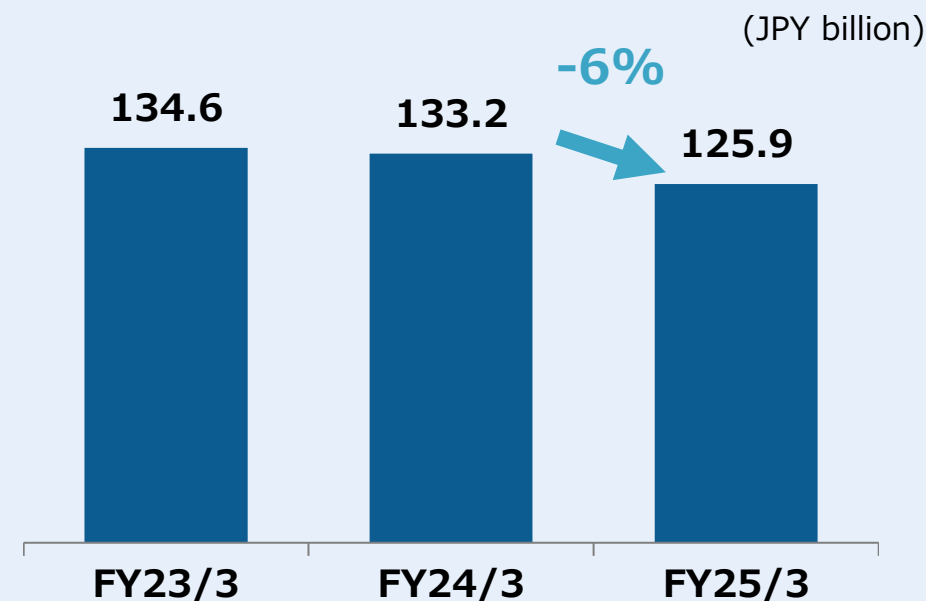
- **Workforce reduction to deliver fundamental improvement in cost structure & create an organization & workforce structure appropriate to business scale**
- **AutoTech automotive business becoming a new subsidiary on October 1st to increase speed of decisionmaking, expand external funding opportunities, & broaden strategic options**
- **MOU with Ichigo to strengthen financial position. Transferring to Ichigo Mobara Fab & part of JDI's IP to repay debt & secure funds to finance BEYOND DISPLAY growth strategy**
- **Scott Callon resigning as CEO to take responsibility for business performance – Jun Akema new CEO from June 1st**

Lower Sales on Discontinuing Low-Margin Products, Lower End-Customer Demand, & Production End at Tottori Fab

AutoTech to Become New Subsidiary on October 1st to Increase Independence & Agility

Ishikawa MULTI-FAB to Be Foundry for AutoTech Business

Automotive



Note: To better reflect the nature of our business, JDI changed segment names from FY24/3 Q2 as follows: “Mobile” to “LCD Smartphone” and “Non-Mobile” to “Smartwatch/VR.” Please note that this is only a name change and does not impact the segment definitions themselves.

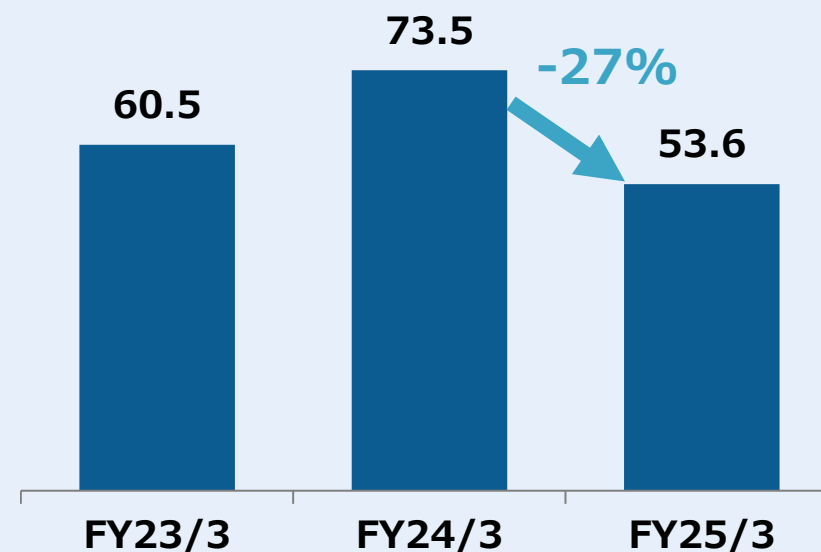
Lower Sales Due to Decreased Demand for High-Proportion Smartwatch and VR

Ishikawa MULTI-FAB Focusing on Higher-Profit DSC, Industrial, & Medical Businesses

eLEAP to Transition to Fabless Model with Foundry Partners

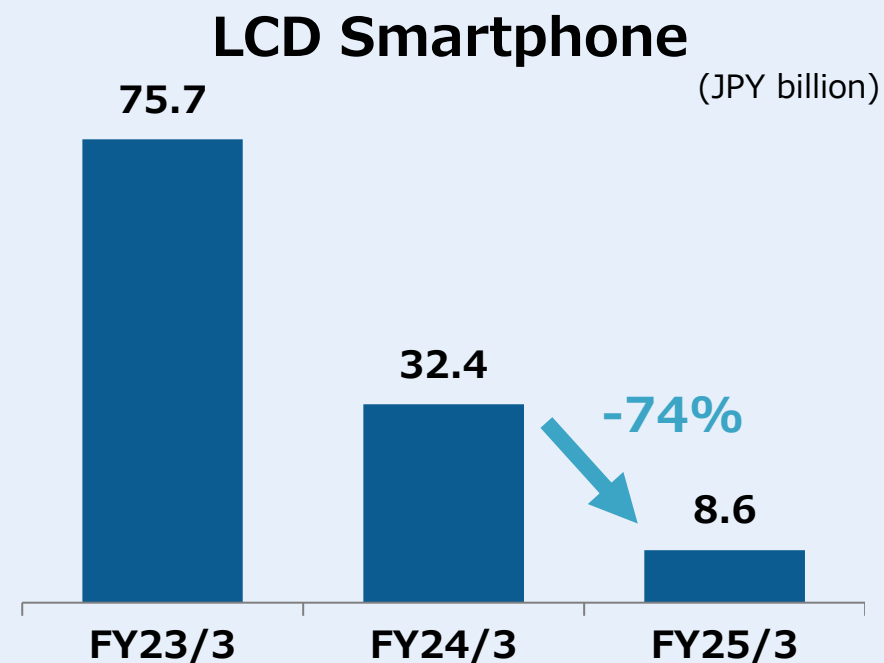
Smartwatch/VR

(JPY billion)



Strategically Exiting Low-Profit LCD Smartphone Business

Shifting Engineering Resources to Sensors & Advanced Semiconductor Packaging to Drive BEYOND DISPLAY Growth Strategy





Japan Display Inc.

FY25/3 Earnings

Reduced Fixed Costs, but EBITDA & OP Losses Widened on Lower Sales Net Loss Expanded on Recording One-Off Mobara & Tottori Fab Shutdown Costs & Impairments

(Units: JPY billion)

	Result	YoY	
Sales	44.6	-24%	Core businesses (Automotive & Smartwatch/VR) down on weaker end-customer demand. Continued to downsize non-core LCD smartphone business
Core Businesses	44.3	-15%	
Non-Core Businesses	0.3	-96%	
EBITDA	-12.3	-7.1	Despite fixed cost reductions, losses widened on lower sales & non-cash inventory effects
Operating Profit	-13.3	-6.9	
Net Income	-29.5	-23.1	JPY 0.7B impairment loss (JPY 0.1B in FY24/3 Q4) JPY 14.3B Mobara & Tottori Fab shutdown costs

Better Product Mix & Reduced Fixed Costs, but EBITDA & OP Losses Widened on Lower Sales. Net Loss Expanded on Recording One-Off Mobara & Tottori Fab Shutdown Costs & Impairments

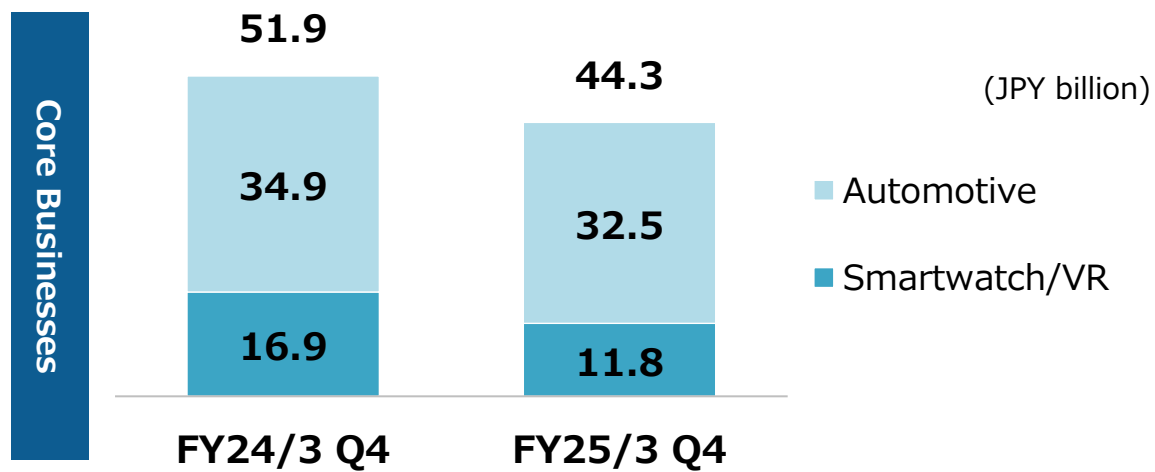
(Units: JPY billion)	Result	YoY	
Sales	188.0	-21%	Core businesses (Automotive & Smartwatch/VR) down on weaker end-customer demand. Continued to downsize non-core LCD smartphone business
Core Businesses	179.4	-13%	
Non-Core Businesses	8.6	-74%	
EBITDA	-33.0	-4.8	Despite positive effects of withdrawal from low-margin products and reduced fixed costs, lower EBITDA & OP due to lower sales
Operating Profit	-37.1	-2.9	
Net Income	-78.2	-33.9	JPY 21.6B Mobara Fab impairment (JPY 11.1B in FY24/3) JPY 16.7B Mobara & Tottori Fab shutdown costs

EBITDA & OP Losses Widened on Mobara Fab Shutdown-Related Inventory Writedown Net Loss Widened on JPY 14.3B Mobara & Tottori Fab Shutdown Costs

(JPY billion)	FY25/3 FCST Full-Year	FY25/3 Full-Year	Diff
Sales	180.0	188.0	+8.0
Automotive (Core)	119.7	125.9	+6.2
Smartwatch/VR (Core)	51.7	53.6	+1.9
LCD Smartphone (Non-Core)	8.6	8.6	+0.0
EBITDA	-26.4	-33.0	-6.6
Operating Profit	-31.7	-37.1	-5.4
Recurring Profit	-36.8	-40.4	-3.6
Net Income	-62.1	-78.2	-16.2

※FX Avg : FY25/3 FCST USD/JPY=151.4, FY25/3 USD/JPY = 152.6

Core Business (Automotive, Smartwatch/VR) Sales Down on Weaker End-Customer Demand LCD Smartphone Down on Strategic Downsizing

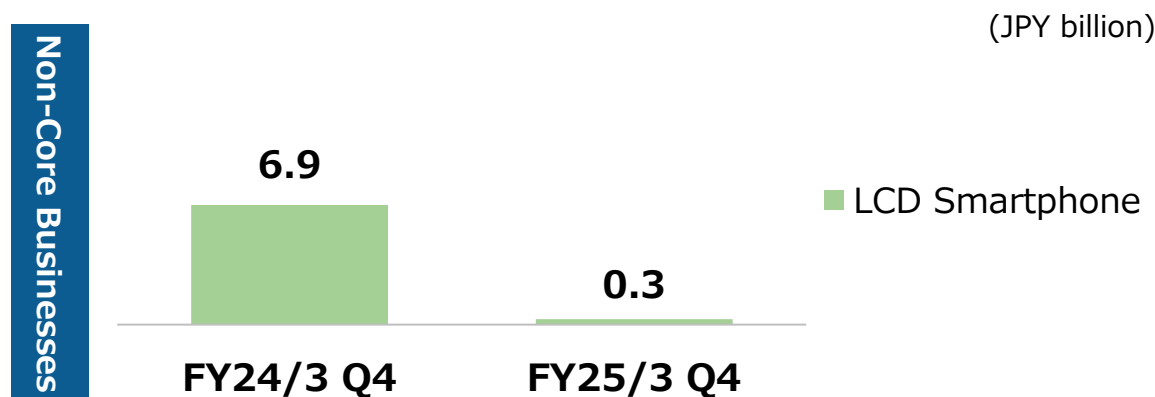


Automotive (YoY -7.0%)

Despite increased new product sales, down on ending low-margin products & reduced end-customer demand from Chinese EV makers' market share growth

Smartwatch/VR (YoY -30.3%)

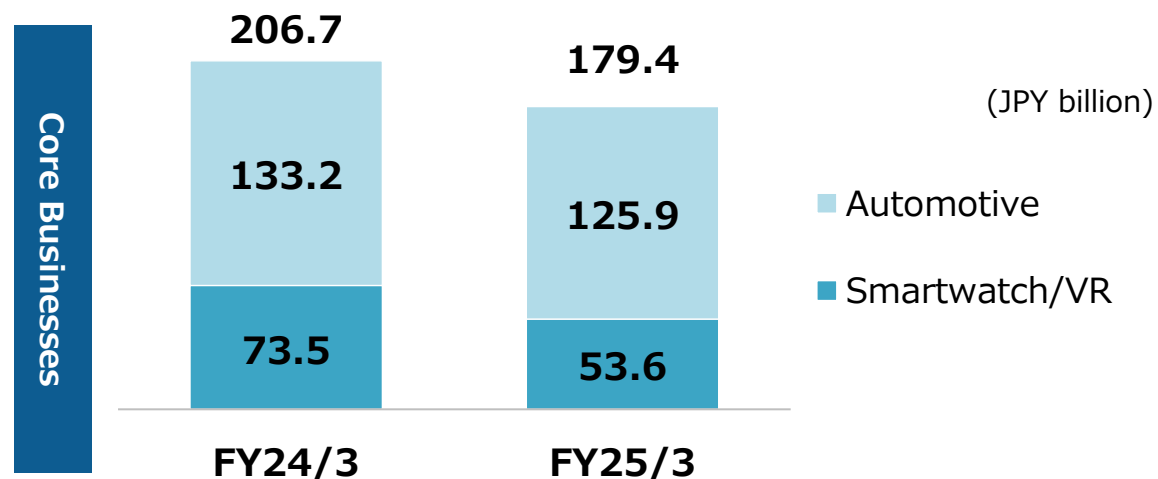
Reduced OLED smartwatch sales



LCD Smartphone (YoY -96.3%)

Strategically exiting non-core LCD Smartphone business to focus resources on core businesses and next-generation products

Core (Automotive, Smartwatch/VR) Sales Down on Lower End-Customer Demand Non-Core LCD Smartphone Down on Strategic Downsizing

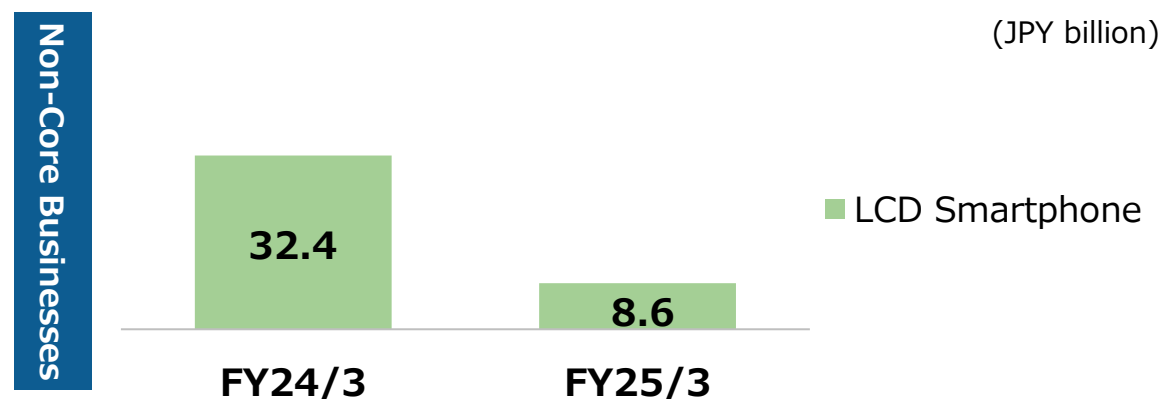


Automotive (YoY -5.5%)

Despite increased new product sales, down on ending low-margin products & reduced end-customer demand from Chinese EV makers' market share growth

Smartwatch/VR (YoY -27.1%)

Lower sales across VR & OLED smartwatch

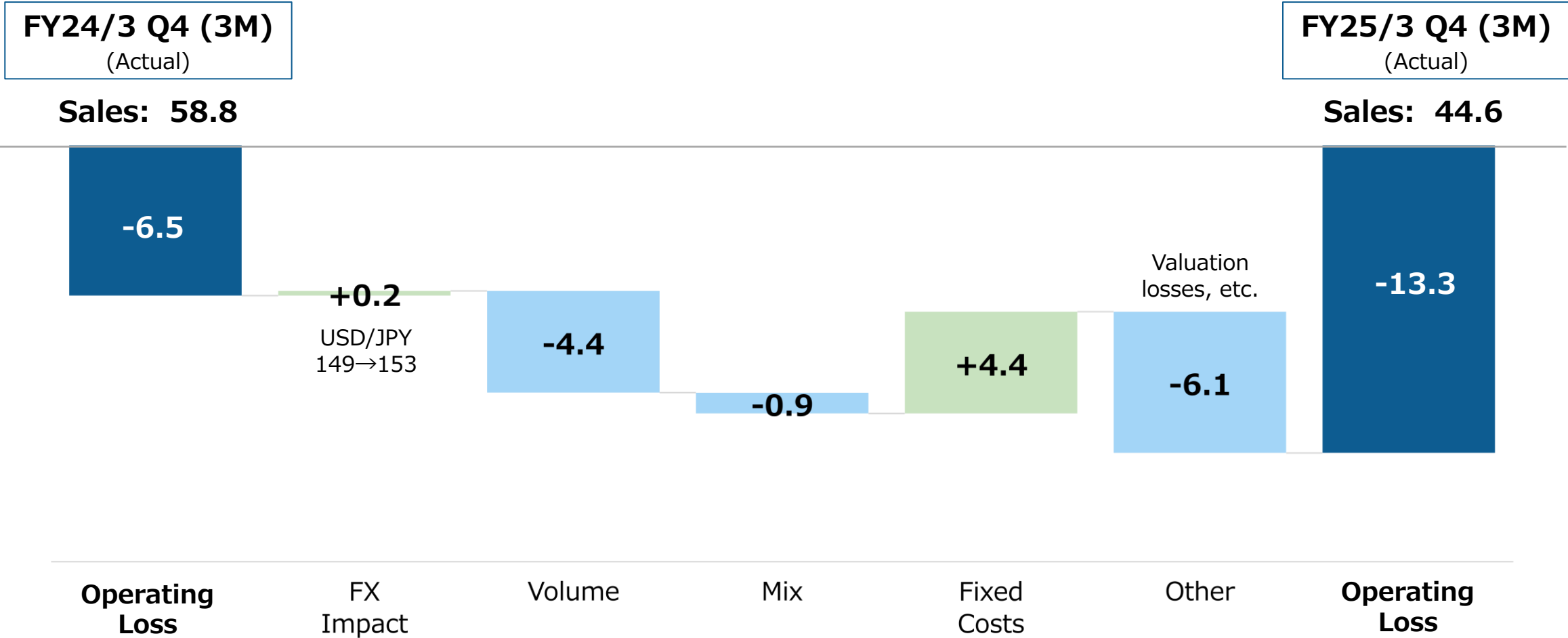


LCD Smartphone (YoY -73.5%)

Strategically exiting non-core LCD Smartphone business to focus resources on core businesses and next-generation products

Year-on-Year

(JPY billion)

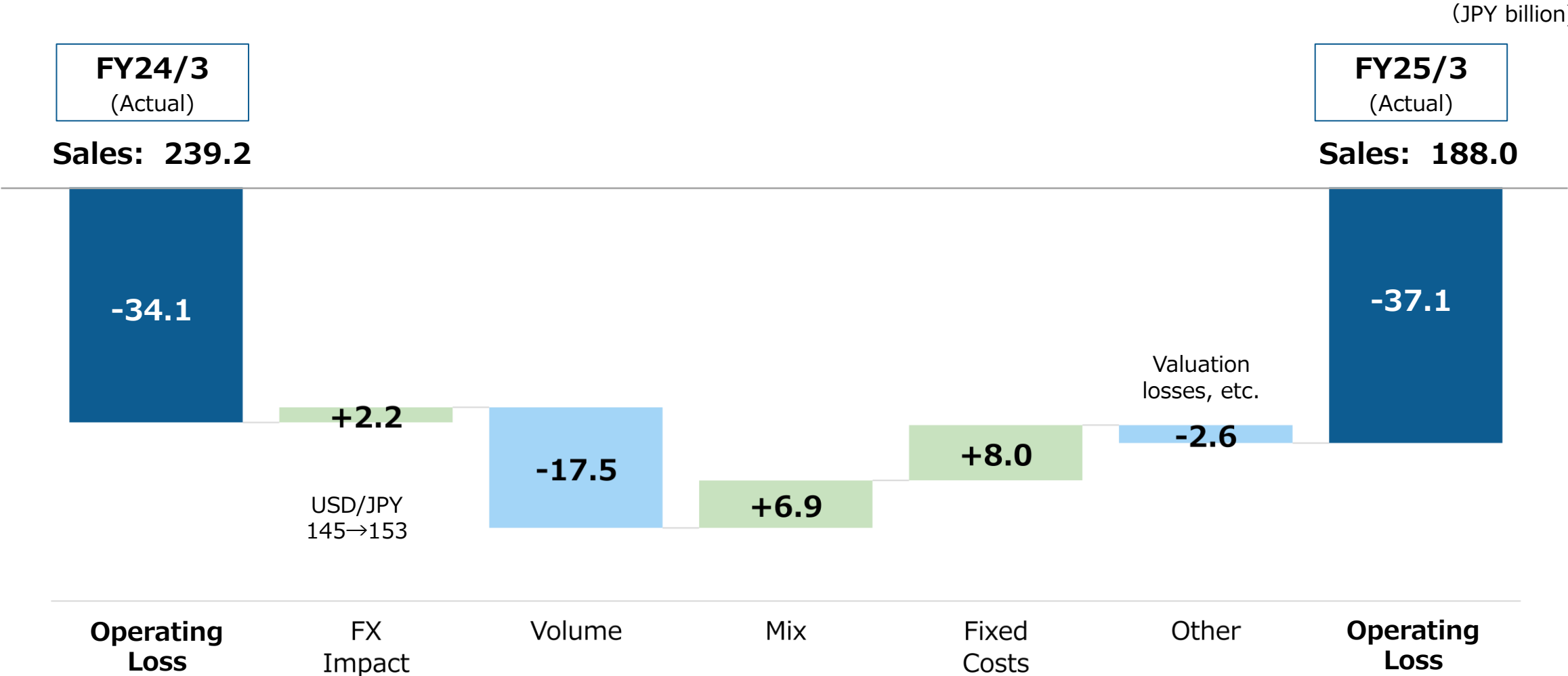


FY25/3 Operating Profit (YoY)



Year-on-Year

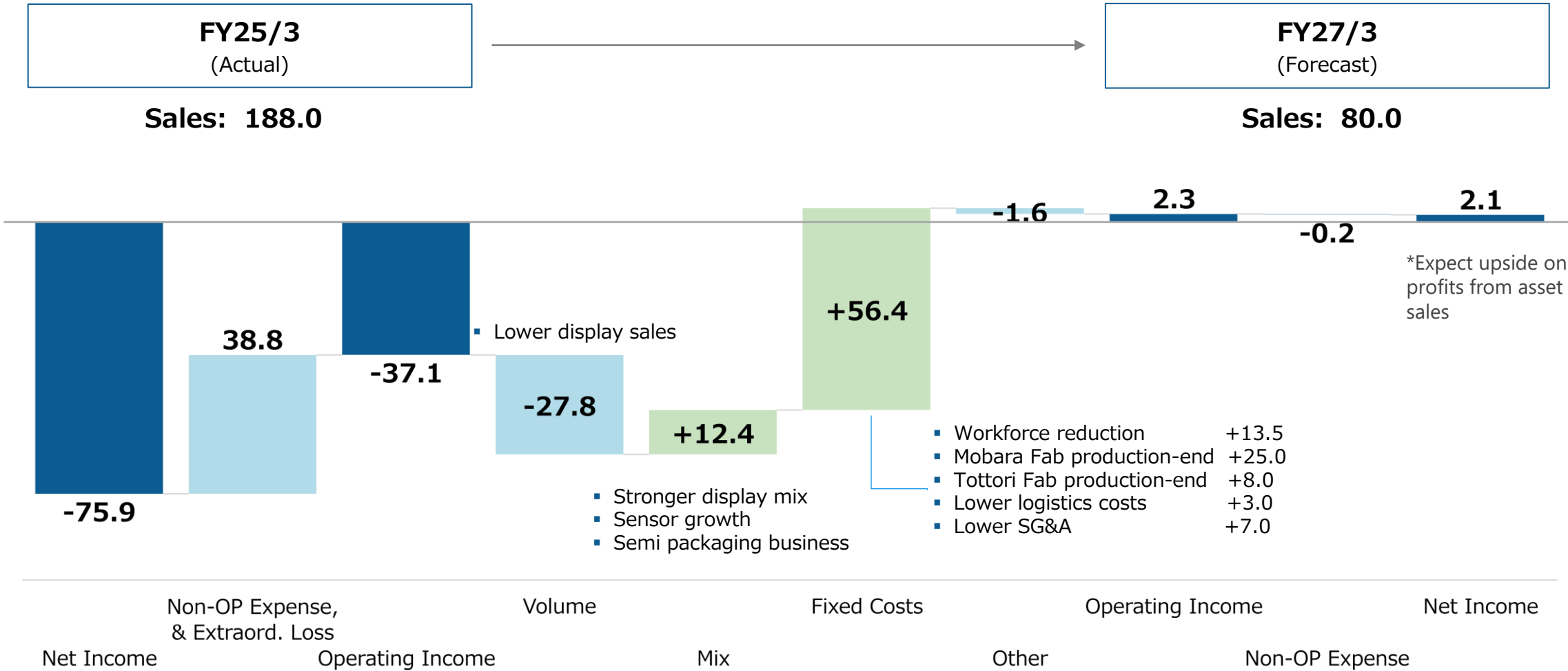
(JPY billion)



- **Due to the significant earnings impact from the actions JDI is taking this year to execute a significant transformation in its business model, earnings structure, and profitability, JDI is not disclosing an FY26/3 earnings forecast at this time**
- **JDI will promptly disclose its FY26/3 forecast heightened visibility on the details of these actions' earnings outcomes this year, including:**
 - **Mobara Fab & Partial IP Transfer to Ichigo**
 - **Creation of New AutoTech Subsidiary**
 - **Workforce reduction**
 - **BEYOND DISPLAY growth strategy execution**

Cost Reductions & Earnings Growth to Drive Profitability from FY27/3

(JPY billion)

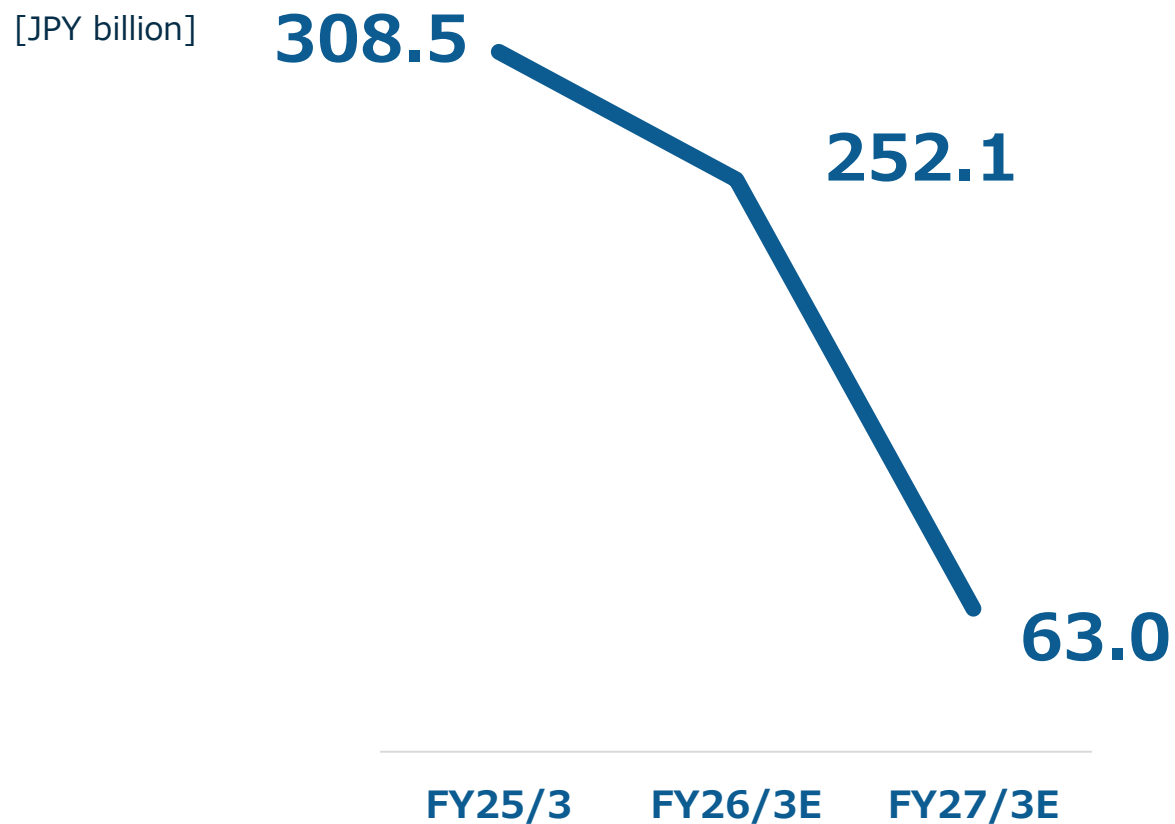


Cost Reductions & Earnings Growth to Drive Profitability from FY27/3

Actions	Breakdown	Earnings Contribution
BEYOND DISPLAY Strategy Execution	<ul style="list-style-type: none"> • Improved display product mix • Sensor sale growth • Advanced semiconductor packaging business launch 	JPY +12.4B
Fixed Cost Reductions (Fabs & Workforce)	<ul style="list-style-type: none"> • Production end at Mobara Fab • Production end at Tottori Fab • Workforce reduction 	JPY +46.4B
Fixed Cost Reductions (Logistics & SG&A)	<ul style="list-style-type: none"> • Lower logistics costs • Lower SG&A 	JPY +10.0B
Total		JPY +68.8B

80% Reduction in Break-Even Point from FY25/3 to FY27/3

Break-Even Point (Sales)





Japan Display Inc.

BEYOND DISPLAY
Creating A New JDI

JDI

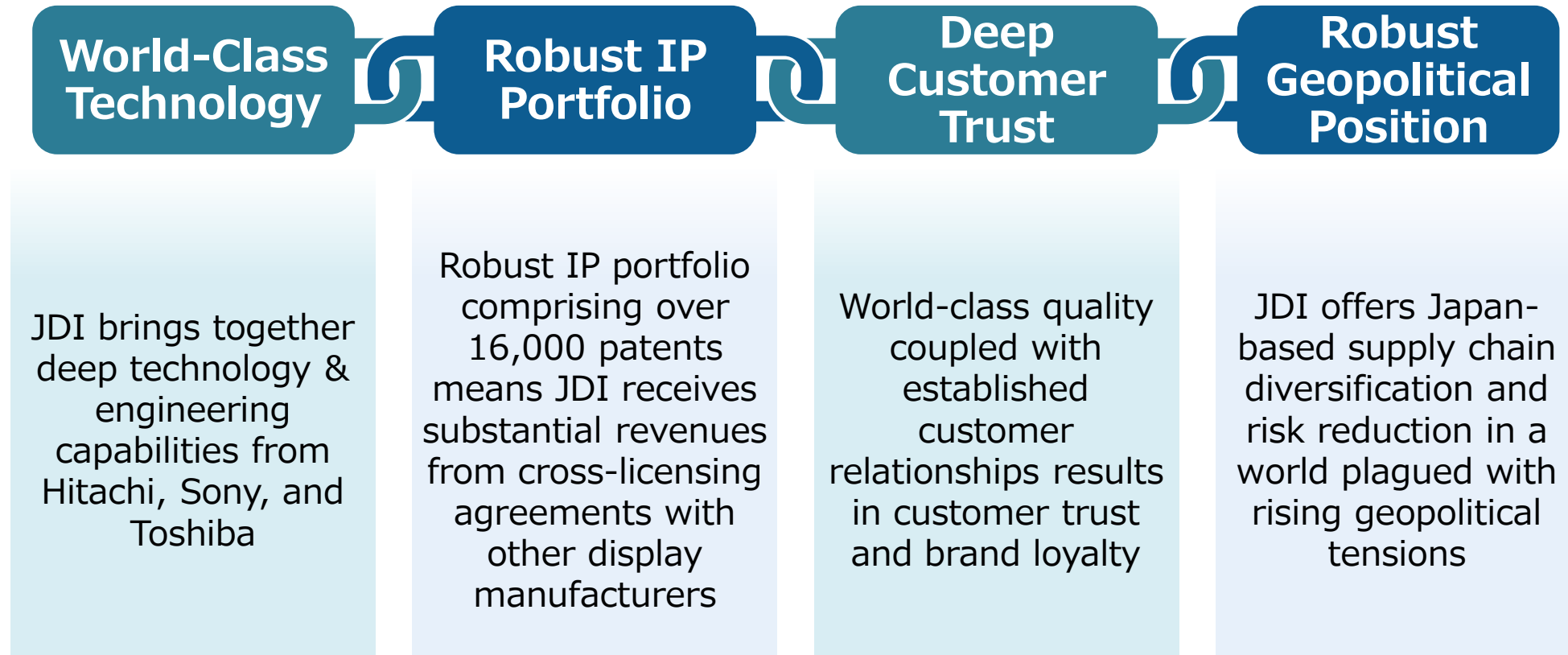
BEYOND DISPLAY

JDI is executing a radical transformation in its business

Executing on this BEYOND DISPLAY growth strategy is the fundamental objective for JDI's new business path

All JDI actions are aligned with this strategy, aiming to create the right cost structure, focus, & technology capabilities for JDI's global customers

JDI Core Capabilities



JDI is committed to having the right set of capabilities to win for our global customers

- 
- ✓ **Right Technology** for high margin markets in which we can capitalize on our experience and process excellence
 - ✓ **Right Cost Structure** to allow for market-oriented pricing while sustaining JDI's customer-centered engineering and production capabilities
 - ✓ **Right Speed & Flexibility** to react to new demands and advancements on the high-paced display, sensor and semiconductor markets
 - ✓ **Right Financial Stability** to deliver JDI's ongoing excellence
 - ✓ **Right Geopolitical Position** to reduce geopolitical risks for customers

Semiconductor, Sensor, & Micro-Display Manufacturing Economics Inherently Superior to Mass-Market Displays

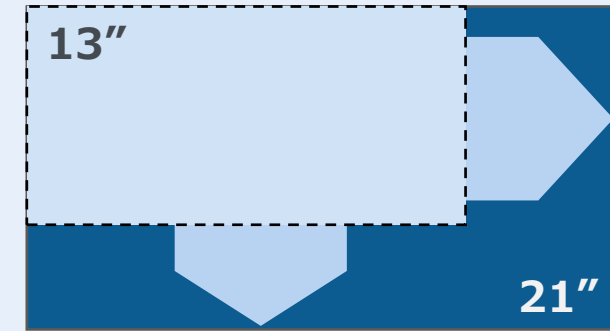
Semiconductors, Sensors, & Micro-Displays Miniaturization Principle



Customers Prefer **Smaller**

- Smaller sizes mean more product count per mother substrate
- Unit sale prices do not deteriorate with product size shrinkage
- Improving economics over time

Mass-Market Displays Enlargement Principle



Customers Prefer **Bigger**

- Larger sizes mean less product count per mother substrate
- Increase of unit sale prices does not scale with growth in display sizes
- Worsening economics over time

BEYOND DISPLAY is delivering more speed & flexibility



**Auto
Tech**

JDI's automotive display business become a subsidiary as AutoTech Inc. in October 2025

This will support JDI AutoTech to achieve:



Independent management decisions and rapid decision-making



Expand possibilities for external funding



Increased future strategic options, including collaboration with external partners

JDI is Right-Sizing Its Organization & Workforce to Lower Costs & Increase Competitiveness

Announced Measures

- Ending production at the Mobara Fab by March 2026
 - Consolidating production at the Ishikawa Multi-Fab
 - Also reduced executive and employee bonuses
- Changes are expected to start showing major benefits from FY27/3.

New Measures to Strengthen Financial position

Workforce reduction in Japan & global subsidiaries

Japan Voluntary Retirement Target: ~1,500 Employees

(Total number of Japan employees as of March 31, 2025: 2,639)

Forecast Target Annual Cost Savings: c. JPY 13.5 Billion

MOU with Ichigo to Repay JPY 65B in Debt & Secure Funds to Finance BEYOND DISPLAY Growth Strategy

Mobara Fab



Transfer Mobara Fab to Ichigo

IP Sale



Transfer certain JDI IP to Ichigo

Ishikawa Fab to Become MULTI-FAB Highly Flexible, World-Leading Technology, & Low Cost

Advanced G4.5 Displays

- 1/4 of the fixed costs of Mobara Fab
- Lower costs drive higher competitiveness & fab utilization & lower costs to customers
- After further review, to put more focus on building out new BEYOND DISPLAY products, JDI has decided not to relocate G6 equipment to Ishikawa

Ishikawa MULTI-FAB

- ✓ Highly Flexible
- ✓ World-Leading Technology
- ✓ Low Cost

Consolidation of JDI's Display, Semiconductor, and Sensor Businesses

- Smaller substrate sizes are more efficient for micro-display, semiconductor, & sensor production
- A single low-cost MULTI-FAB that can support the full range of JDI's BEYOND DISPLAY business portfolio

To Reduce Fixed Costs & Generate Significant Sales Gains, JDI is Ending Mobara Fab Display Production & Selling as AI Data Center

Mobara Fab as
G6 Display Fab



Technologically
Advanced Fab



BUT Underloaded &
Thus Unprofitable

Mobara Fab as
AI Datacenter

- Mobara J1 building specs meet AI Datacenter requirements
- Mobara Fab currently offers **>100MW** of available power with room to grow
- Asset sale as data center will be robustly profitable

BEYOND DISPLAY Will Drive Radical Increase in JDI Earnings, Growth, & Value for Shareholders and All Stakeholders

JDI BEYOND DISPLAY

Production End &
Transformation of
JDI's Mobara J1
Fab to AI
Datacenter

OLEDWorks
Strategic
Investment &
Partnership for
Advanced US Fab

Ishikawa MULTI-
FAB to Produce
G4.5
Displays,
Semiconductors,
& Sensors

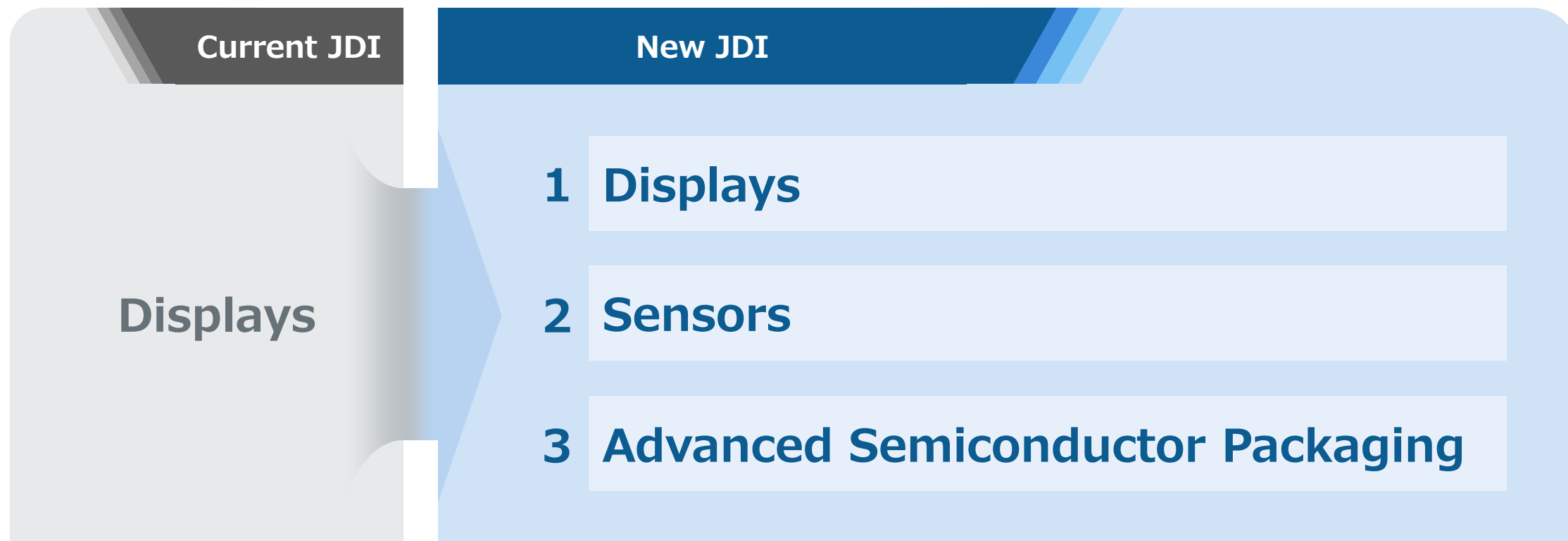
TEX Strategic
Alliance for
World-Leading
Next-Gen 3D
Semiconductor
Integration

PanelSemi
Strategic
Alliance for
Advanced
Semiconductor
Packaging &
Sensors

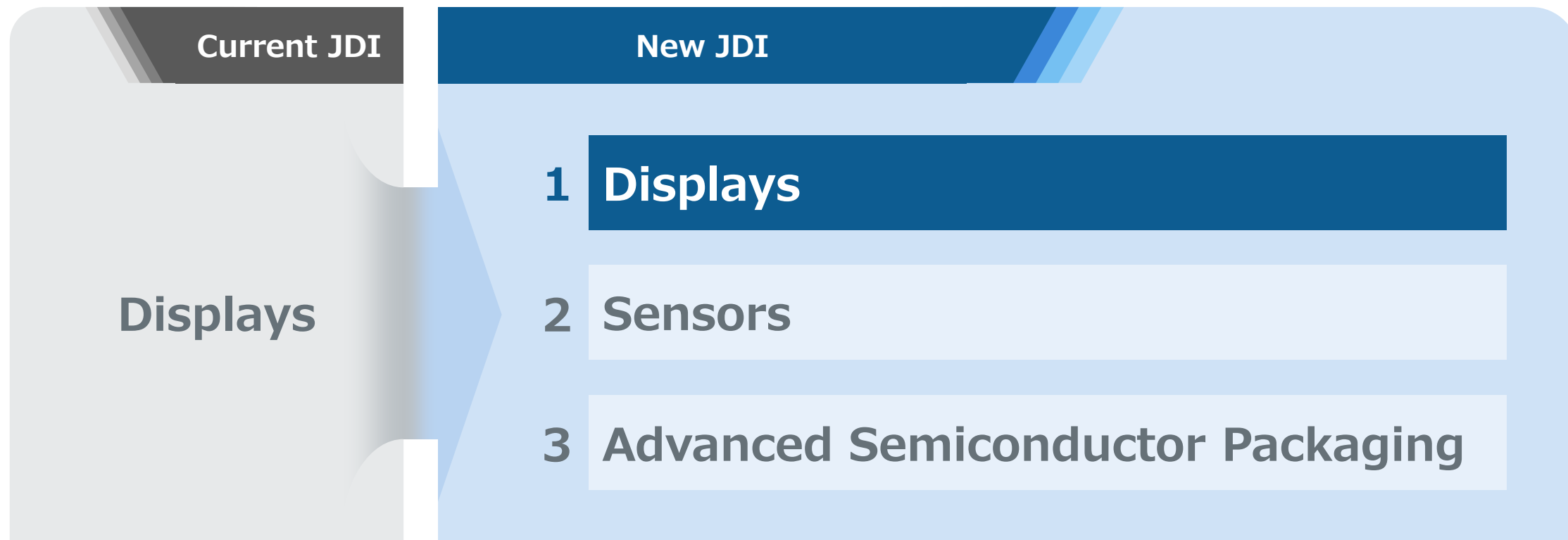
Innovative
Sensor
Development &
Alliances

eLEAP Fabless
Transition &
Large-Scale
Capacity
Expansion

Deploying JDI Resources to New High-Growth Areas



Note: JDI has shifted its approach to AI Datacenters to be asset sales that raise funds to finance the BEYOND DISPLAY growth strategy, so it is not an operational element of BEYOND DISPLAY.



Displays are a foundational technology for modern society with a significant global market size of USD 120 billion annually
JDI has unmatched technological capabilities in displays to deliver customer & social value & improve people's lives

Key Actions for JDI Display Profitability

**Deliver on JDI
Global No. 1
Technology
Leadership
(eLEAP, 2VD,
etc.)**

**Sign Alliance
Partnerships for
eLEAP Global
Ecosystem
Buildout**

**Drive
Asset Light
Business Model**

**Further
Cut Costs**

JDI is shifting Mobara Fab display production to Ishikawa Fab & Foundry Partners

Ishikawa MULTI-FAB

G4.5 Production Facilities at Ishikawa MULTI-FAB

**JDI Display
Production
Configuration**

Foundry Partners

Produce eLEAP & other JDI Global No. 1 technologies
– JDI is fabless in this model & retains customer ownership

JDI is Partnering with OLEDWorks to Bring World-Leading Advanced Display Manufacturing to the United States

OLEDWorks

- Global leader in multi-stack OLED technology
- Strong presence in the United States and multi-stack OLED technology, manufacturing, and product capabilities
- The only major OLED manufacturer outside of Asia

JDI

- World-class know-how, technology, manufacturing, and product capabilities in advanced display and OLED
- Vast experience in Automotive, Industrial and Medical display projects and applications
- Established business relationships around the world with a strong footprint in North America



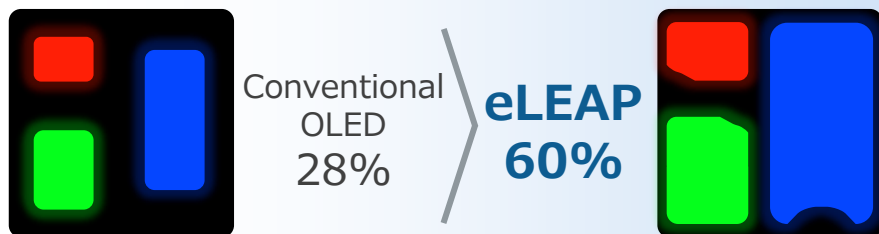
The new U.S.-based fab will focus on delivering high-performance displays for critical industries including defense, automotive, and medical applications. Advanced displays are foundational to 21st century industrial competitiveness and national security.

Key Elements of OLEDWorks' and JDI's Display Manufacturing Plan

- Combination of world class display and OLED know-how, technology, manufacturing, and product capabilities
- Novel, scalable display manufacturing that will meet the needs of key stakeholders in U.S. defense, automotive, and medical industries
- Partnerships with customers to ensure long-term business sustainability
- Partnerships with U.S. suppliers of critical components, equipment, and materials for displays and display electronics
- Building a leading-edge U.S. advanced display R&D center and display manufacturing hub, working jointly with U.S. customers, suppliers, and technology partners
- Deepening of existing relationships with university partners to expand human resources required to expand display production in the U.S.
- Production of high-performance displays that meet both the near-term requirements and long-term technology roadmaps of our customers

eLEAP's Unprecedented Customer Value

High Brightness (2X)


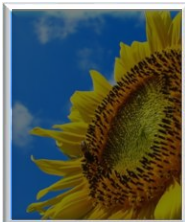


Brightness, vividness & free shapes unimaginable with existing technology



eLEAP

Long Lifetime (3X)

Lifetime Comparison	New 0h	After 1yr 1000h	After 3yrs 3000h	After 5yrs 5000h
Conventional OLED				
eLEAP				

※ Image assuming luminance deterioration due to 3h / day lighting with brightness equivalent to 600nit

eLEAP Is The Winning OLED Technology

Despite Its Superb Performance, OLED Has Inherent Issues

These issues make OLED dysfunctional for a wide variety of display applications



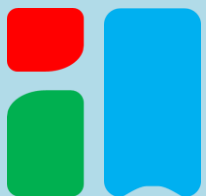
Short Lifetime



High Production Cost

eLEAP Powerfully Moves OLED Forward

eLEAP keeps all of OLED's advantages while solving its shortcomings



eLEAP



**Long
Lifetime**



Low Cost



eLEAP's Unprecedented Environmental Value

**Maskless OLED deposition is a breakthrough, environment positive production process that eliminates mask cleaning chemicals
150k tons p.a. of CO2 emission reduction via deployment at JDI Mobara**



150k tons of yearly CO2 emissions =

**CO2
Absorption
Volume
of 17M
cedar trees**



**Cedar forest
the size of
3.7k Tokyo
Domes**



CO2 emissions are JDI's calculations based on G6 Mobara plant at 30 k sheets/month

Now
**eLEAP
Line at
Mobara J1**

Going Forward
**Fabless eLEAP Production
with Foundry Partners**

Fabless + Foundry Model:

- ✓ Increase eLEAP capacity
- ✓ Speed up eLEAP time to market
- ✓ Leverage foundry partners' highly competitive cost structures
- ✓ Reduce JDI capex

JDI is in advanced discussions with foundry partners with respect to eLEAP production

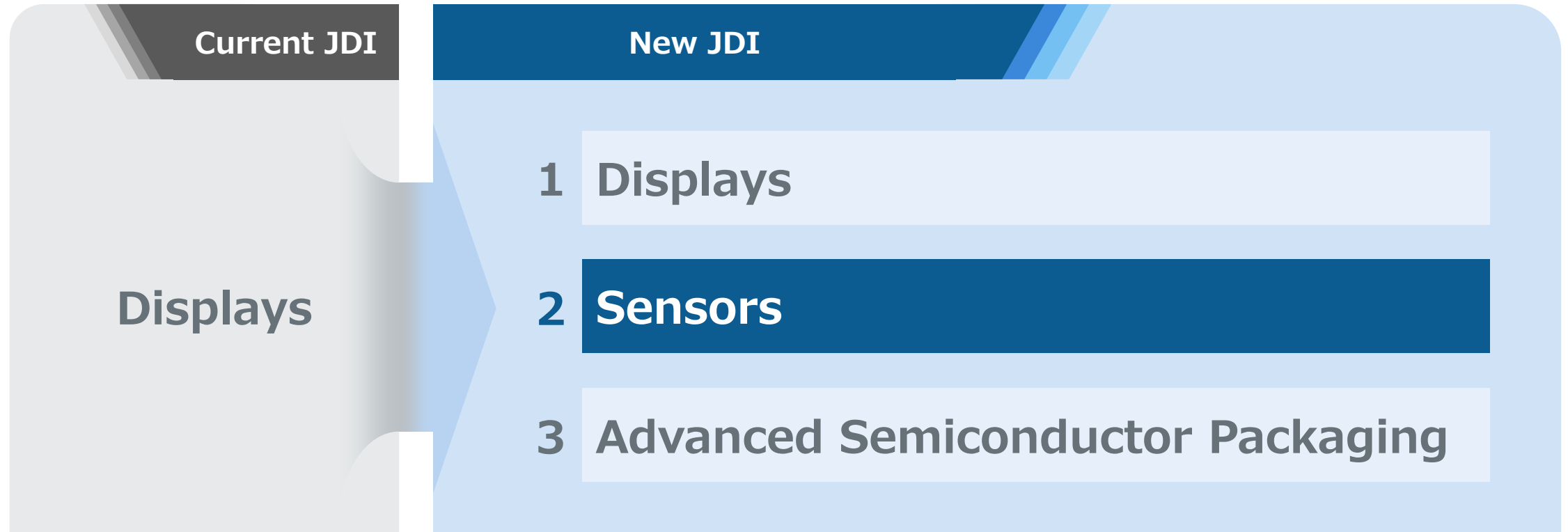
World's First Automotive Grade Dual Touch 2VD that Simultaneously Displays Different Content to Driver and Passenger



JDI has developed the world's first 2 Vision Display (2VD) technology that meets automotive grade image quality requirements while simultaneously displaying different image content based on viewing direction



As another world first, JDI has incorporated Dual Touch into its new 2VD technology that identifies discrete touch operations from different users



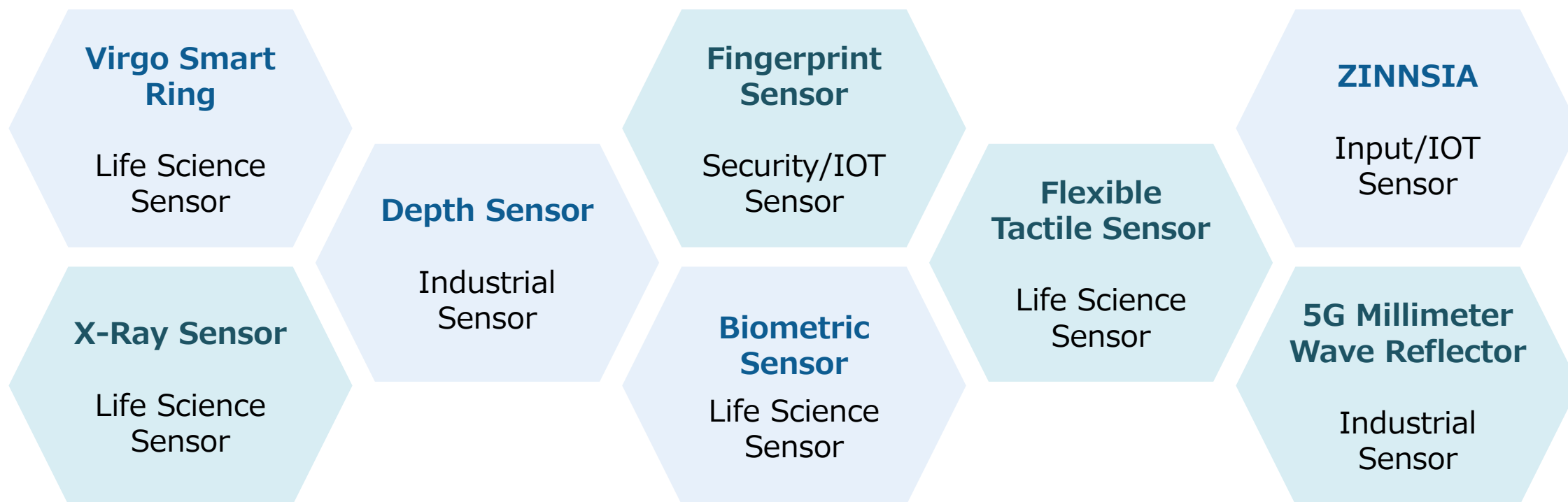
The sensor market is massive, with global market size of USD 295 billion in 2024, projected to grow to USD 426 billion by 2030

Sensors have a significant technical overlap with displays, so JDI has world-class advanced sensor technology that positions it to win in sensors

Sensors also have structurally higher margins – unlike displays, where increasingly larger display sizes push down profitability per surface area manufactured, sensors are much smaller and allow for significantly higher profitability per surface area

Smaller sensor sizes also mean that JDI can produce them efficiently with its current G4.5 fab – there's no need to do extraordinarily expensive capex and build next-generation fabs

JDI has a broad sensor technology portfolio which it can deploy towards the sensor market opportunity

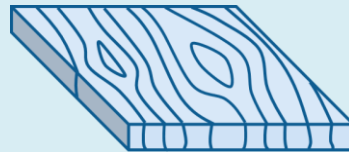


JDI's World-Leading High-Precision Sensor Interface that Transforms a Broad Range of Materials into Sensors and Touch Controls

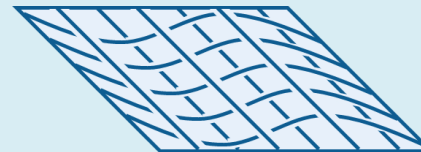


ZINNSIA makes it possible to sense movements even on materials that were previously difficult to use as sensors

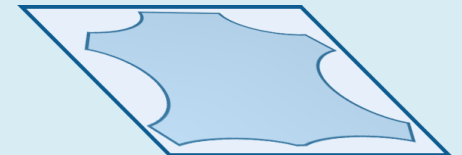
Wood



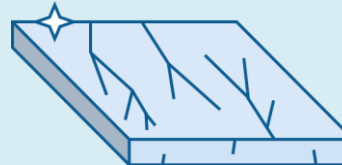
Fabric



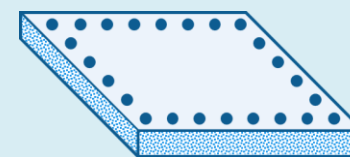
Skin



Marble



Plasterboard



Because ZINNSIA can be used across a broad range of materials, it will drive new applications of sensor & touch technology in a wide variety of new markets

With ZINNSIA, Everything Is A Switch

Wood



Glass



Marble



Leather



Elastomer



Paper



Cloth



Fur



Painting



Sand



Grass




Cork



Reasons for ZINNSIA Precise Detection Capabilities:

**Sensor
Design**



**Proprietary
Custom ICs**



**System
Driven**



**Firmware
(Algorithm)**



Using JDI's advanced process knowledge and manufacturing expertise, ZINNSIA has:

- **Excellent Noise Resistance**
- **Unrestricted Sensor Substrate (Bendable)**
- **Full range of sizes**
- **Product-specific Firmware Adjustment**

JDI & Obsidian Sensors to Partner in Producing High-Resolution Thermal Imaging Sensors

Obsidian Sensors (US)

By integrating TFT configurations on glass substrates and surface microfabrication technology through the LAMP process, Obsidian is the only company in the world capable of producing high-resolution thermal imaging sensors at low cost and in large quantities.

**High resolution
uncooled
microbolometers
on glass**

JDI Ishikawa Fab

Leadership role in high resolution displays. By applying the innovative design and manufacturing technology of Obsidian Sensors, Inc. along with our state-of-the-art high-resolution TFT glass substrate manufacturing technology to this sensor development, we aim to establish a competitive advantage.

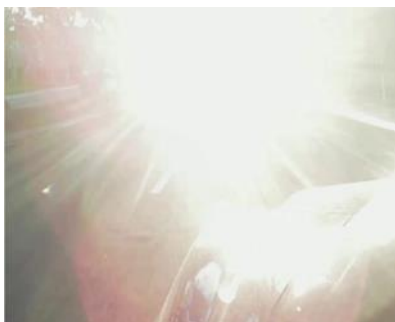


Image via Optical Camera



Image via Obsidian Thermal Sensor

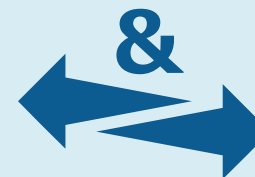
The partnership will deliver thermal imaging sensors with improved resolution, leveraging the innovative design, manufacturing technology, and intellectual property of Obsidian Sensors, Inc.'s LAMP (Large Area MEMS Platform) and JDI's fine processing technology, intellectual property, and production equipment cultivated in the manufacturing of high-resolution TFT (Thin Film Transistor) glass substrates.

Sensor Panels for X-ray Inspection Equipment Using Cutting-Edge Backplane Technology



JDI designs, sensors for medical and industrial X-ray inspection systems by applying our advanced semi-conductor and TFT technologies. Providing sensor panels with various features according to customers' needs

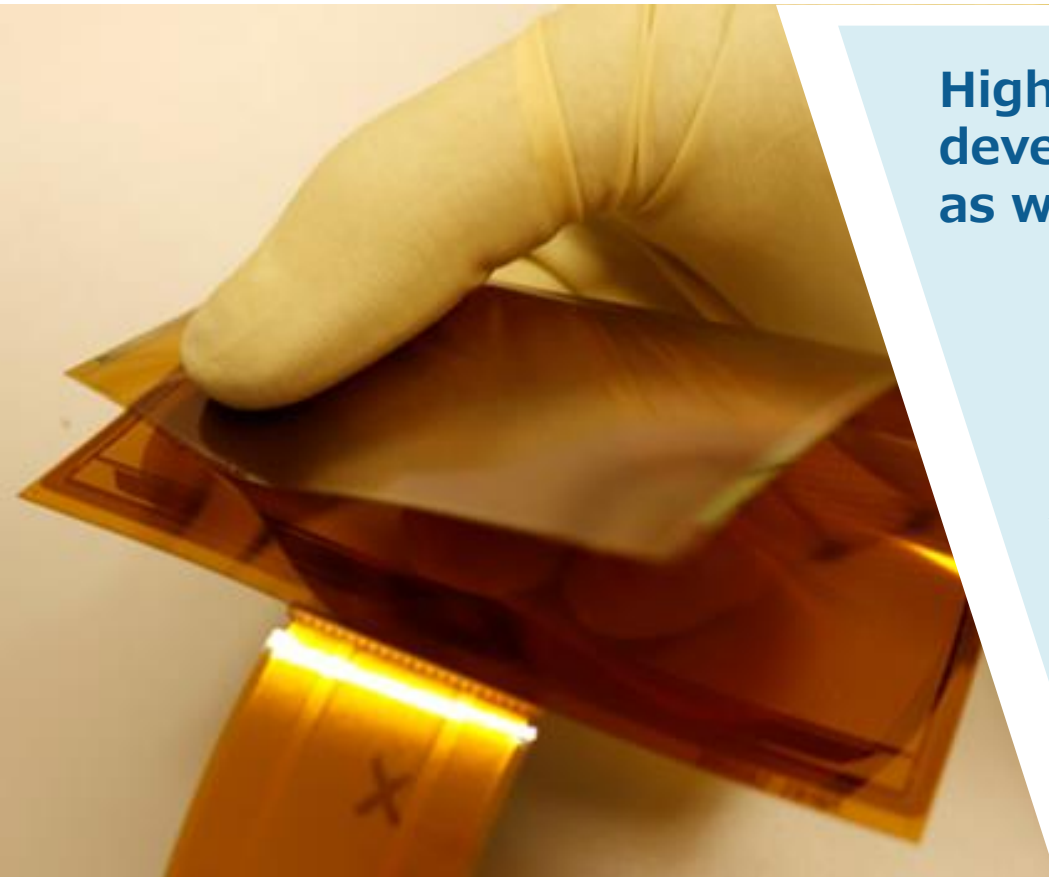
Usage for
Healthcare
Applications



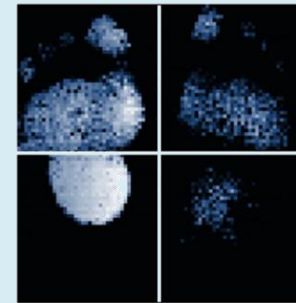
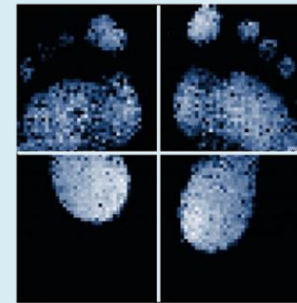
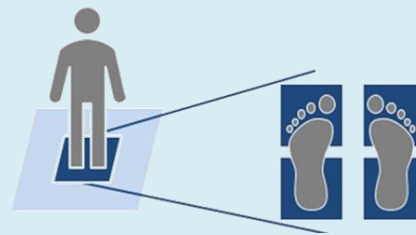
Usage for
Industrial
Applications

Capable of capturing high-resolution X-ray images, enabling accurate diagnoses in medical settings and precise inspections in industrial environments

JDI Flexible LTPS TFT Tactile Sensors with Active-Matrix Technology Enables High-Precision Measurement Over a Wide Area



Highly accurate tactile measurement is required for the development of a number of new technologies & products, as well as for advanced sports and medical research



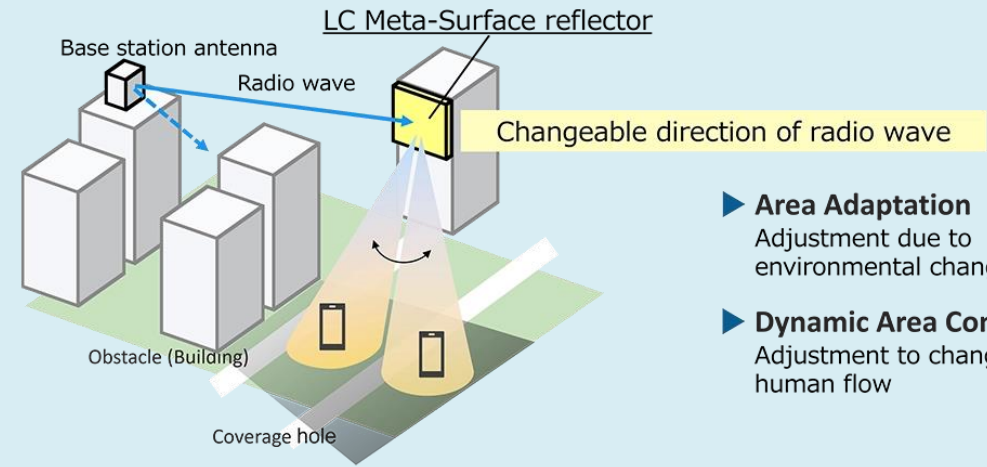
Weight
Distribution
Measurement

A high-resolution, crosstalk-free flexible tactile sensor by combining advanced active-matrix tech used in displays with a conductive pressure sensitive layer

World-Leading 5G Meta-Surface Millimeter Wave Reflectors that Significantly Improve 5G Transmissions Infrastructure

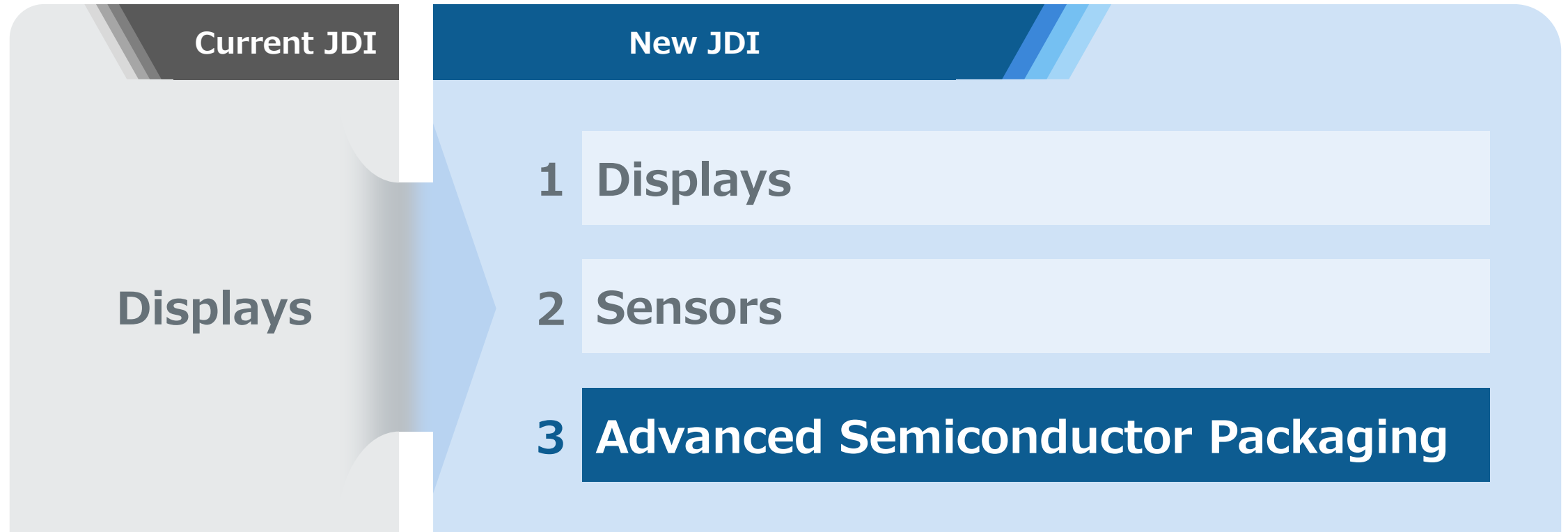


5G Meta-Surface reflector technology applies JDI's world-leading expertise in liquid crystals to optimize and significantly improve 5G radio wave transmissions



- ▶ **Area Adaptation**
Adjustment due to environmental change
- ▶ **Dynamic Area Construction**
Adjustment to changes in human flow

Enables reflecting & controlling of high-capacity millimeter waves to optimize 5G transmission in areas with poor communication coverage



Advanced Semiconductor Packaging (ASP) a large & growing market, with global market size of USD 50 billion in 2024, projected to grow to USD 133 billion by 2034

ASP undergoing a major technology shift from organic to glass substrates, because AI semiconductors' heat output exceeds the thermal tolerances of organic substrates and increasing use of chiplets requires larger glass substrates

Major semiconductor manufacturers are thus buying display fabs, which offer high-resolution glass processing capabilities (e.g., TSMC buying Innolux fabs (from Aug '24) , Micron buying AUO fabs (from Aug '24))

JDI is the world leader in ultra-high resolution processing of glass substrates for displays, such as its development of JDI's world's highest resolution VR displays (2500 ppi), so its capabilities are deeply relevant to ASP

JDI is currently in discussions with multiple semiconductor industry partners to pursue ASP together

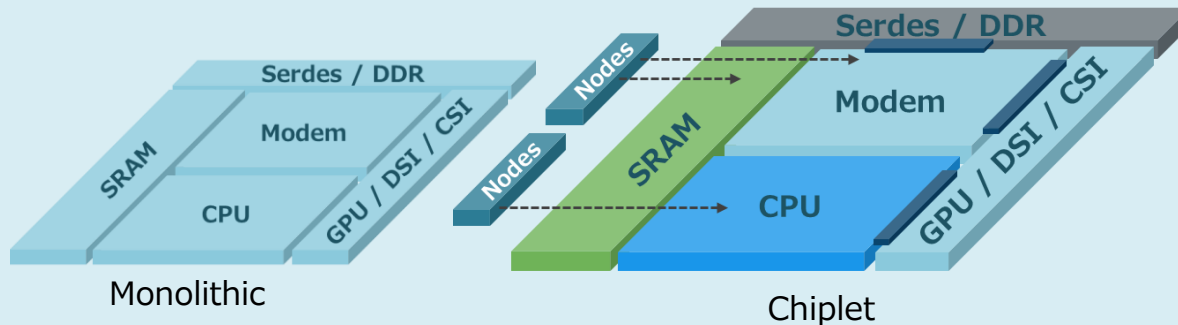
Trends in Chiplets and Semiconductor Packaging Substrates

In response to the evolution of Moore's Law, not only Semiconductor Frontend processes but also **Backend processes are evolving**

Current trends and standards include chipletization, interposer adoption, high-density wiring, and low dielectric constant progress. This hints at the need for larger substrate sizes and increased usage of glass for substrates and interposers.

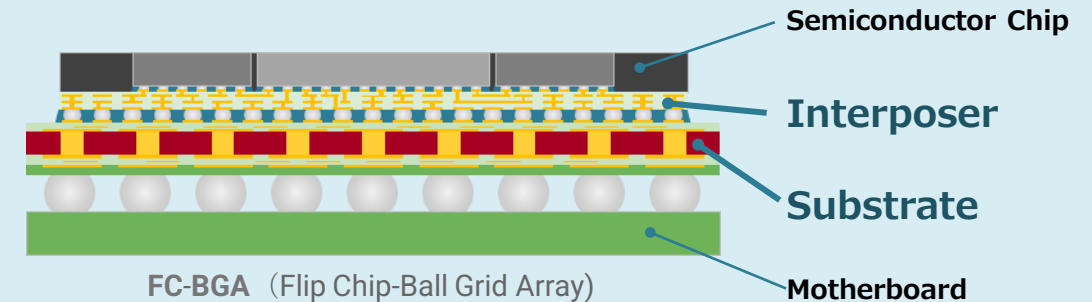
Chipletization

- Standardization by a consortium, including major semiconductor manufacturers and fabless companies lead to emergence of chiplets instead of a monolithic setup
- It is difficult to make larger monolithic ICs, because wafer size and thus the number of units per wafer is limited.
- As a result, larger substrate sizes are required for a chiplet approach**



High-density wiring, low dielectric constant, & larger sizes

- AI processor manufacturers consider glass cores (base material for substrate) and aim for a **size enlargement** of up to 240 sqmm
- Large sizes are prone to warping if organic substrates are used, more rigid **glass substrates** support larger size manufacturing
- Also, high transfer speeds requires a low dielectric constant, for which **glass substrates** shows better performance
- Glass** is also a highly promising target material for interposers



The shift to larger substrate sizes, adoption of glass, & requirements for high density wiring are a significant JDI technology opportunity

The use of the right substrate in advanced semiconductor packaging is crucial to reach the required performance criteria

Glass has a smoother surface compared to Organic substrates, resulting in less transmission loss at high frequencies

At high frequencies, due to the skin effect, signals are transmitted only on the surface, so the smooth surface of the glass substrate results in less signal loss



Surface roughness approximately 2um
(Skin depth approximately 0.4um @28Ghz)



Surface roughness < 0.01um



Glass substrates are highly rigid, have low distortion, and excellent thermal stability, making it possible to create fine wiring patterns of several um lines/spaces suitable for high-density signal wiring.

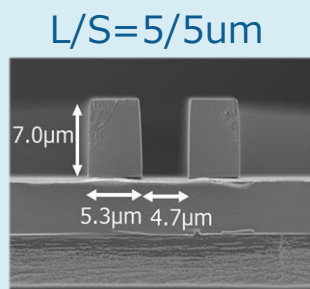


Glass Substrates = Improvements to both Electrical and Mechanical Properties

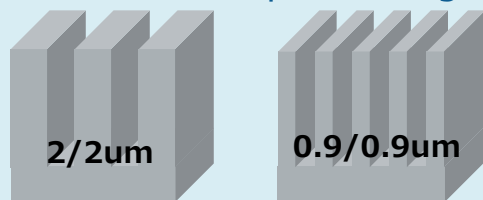
Major semiconductor manufacturers are accelerating the development of glass substrates as next-generation semiconductor package substrates (interposers), and expansion of glass substrate processing technology and supply chains can be expected.

JDI can produce glass substrates using existing TFT backplane processes, enabling larger sizes and lower costs

High-Density Wiring

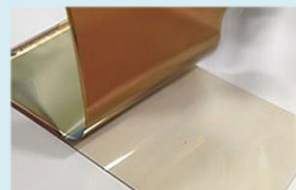


Further fine-processing

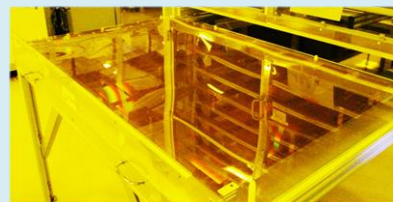


Thin Film & Glass Processing Technology

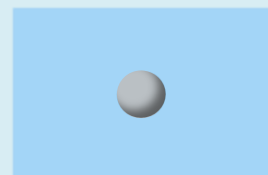
Applying film
substrate
technology



Film
debonding
from large
glass

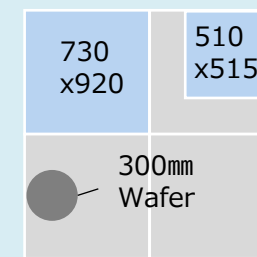
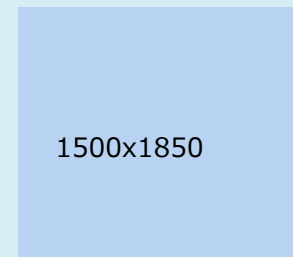


Glass
etching,
hole
making

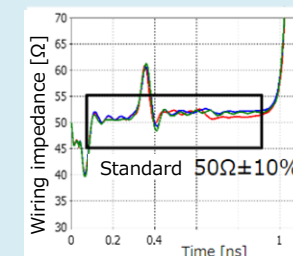
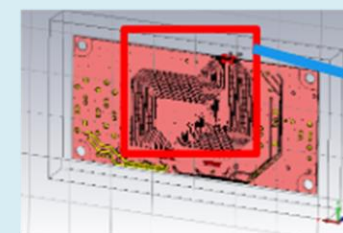


High Quality & Low Cost

Large substrate processing



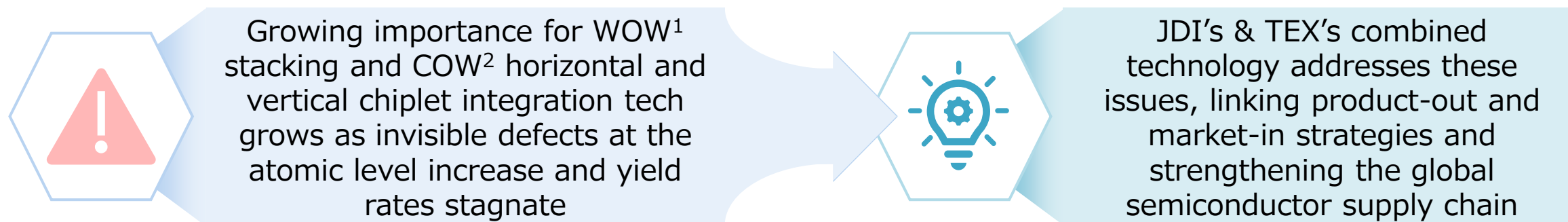
Wiring design and
transmission characteristic simulation



Established Clean Room
Environment



JDI and TEX to Partner in Creating a Powerfully Integrated and Streamlined Semiconductor Supply Chain at JDI's Ishikawa MULTI-FAB



Using JDI's Ishikawa MULTI-FAB and TEX's world-leading technology, JDI and TEX will significantly progress the deployment and social use of next-gen 3D integration technology in the post-miniaturization era

1 Wafer-on-Wafer (WOW) Technology: A stacking technology that connects and stacks multiple wafers while bonding them on top of each other. This significantly contributes to productivity improvement in wafer stacking of identical chip sizes, such as DRAM.

2 Chip-on-Wafer (COW) Technology: A technology that connects and stacks chiplets on a wafer using WOW technology. By bonding chips onto the wafer, high-precision processing can be performed in subsequent semiconductor manufacturing processes using various wafer process equipment.

Jointly Launch Manufacturing Line at JDI's Ishikawa MULTI-FAB Deploying Next-Gen 3D Semiconductor Integration Leveraging TEX's World-Leading Technology

TECH EXTENSION (TEX)

World's most advanced 3D semiconductor integration technology. Originated from the WOW Alliance of Science Tokyo

Key IP: deep-tech BBCube (Bumpless Build Cube)¹ technology

World-leading expertise in WOW (Wafer on Wafer) technology and COW (Chip on Wafer) technology (BBCube Technology Platforms)

JDI Investment in TEX

JDI Ishikawa MULTI-FAB

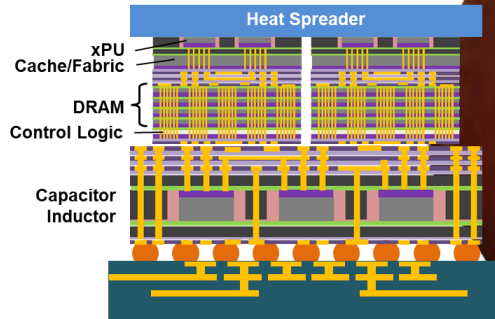
Fab for advanced semiconductor packaging using JDI's advanced high-density wiring technology, TFT and glass processing expertise

Technology Transfer

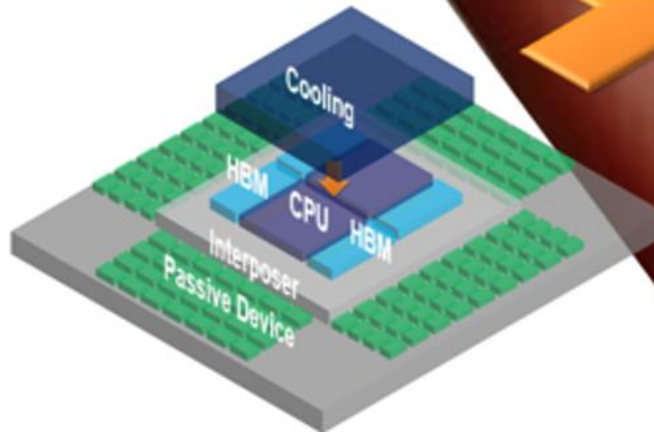
New manufacturing line using next-generation 3D integration based on BBCube technology, encompassing manufacturing from WOW to PLP (Panel Level Packaging).
In addition, joint development of glass substrates for semiconductor packaging

1 BBCube Technology: This architecture allows for compact three-dimensional integration of chips without using bumps, enabling system miniaturization and achieving 1/1000th the power consumption compared to conventional systems.

BBCube Era



BBCube 3D

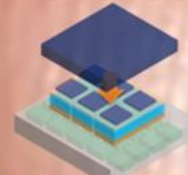


Conventional 2.5D



Tera-byte BBCube on Your Finger

For minimizing cost with a high energy efficiency, „Miniaturizing“ and a „Wafer-Scale 3D Process“ will be required.



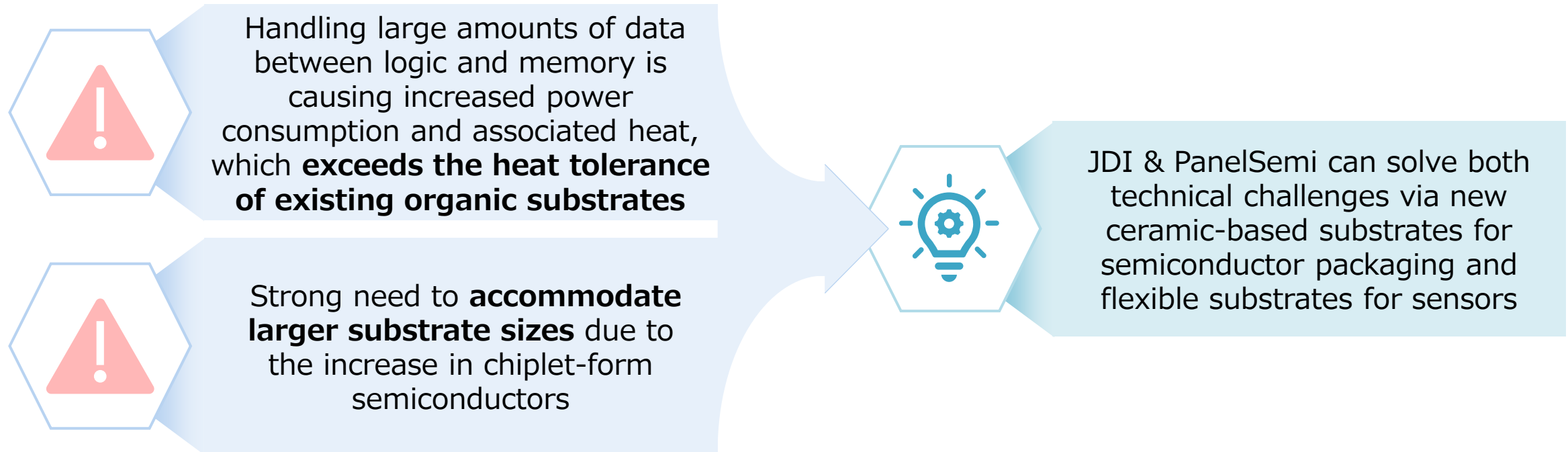
BBCube 3D

BBCube = Bumpless Build Cube
Design-Process-Thermal Co-Optimized
300mm Wafer Process
WOW and COW Integration
Parallel-High-Dense Bumpless Interconnects
Ultra-Thinning <10μm



BBCube: An architecture that compiles conventional flat chiplets into a compact 3-dimensional format without using bumps, enabling system miniaturization & low power consumption of 1/1000 compared to conventional systems

JDI's Partnership with PanelSemi to Accelerate Commercialization of New Substrates for Advanced Semiconductor Packaging & Sensors



JDI & PanelSemi will deliver high-quality next-gen semiconductor products at extraordinarily low cost & become leaders in the rapidly expanding advanced semiconductor packaging market

JDI and PanelSemi to Leverage their Combined Expertise and Engineering Resources to Drive Rapid Commercialization

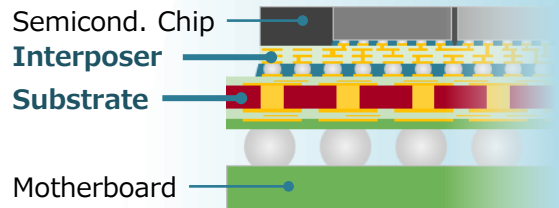
PanelSemi Strengths

- Leading engineers with deeply routed TFT panel expertise and supply chain relationships
- Leverage access to leading edge ceramic material tech accessible via strategic relationship with NGK Insulators
- World-class tiling technology to overcome the size and accuracy limits of ceramic substrates

JDI Investment in PanelSemi

JDI Strengths

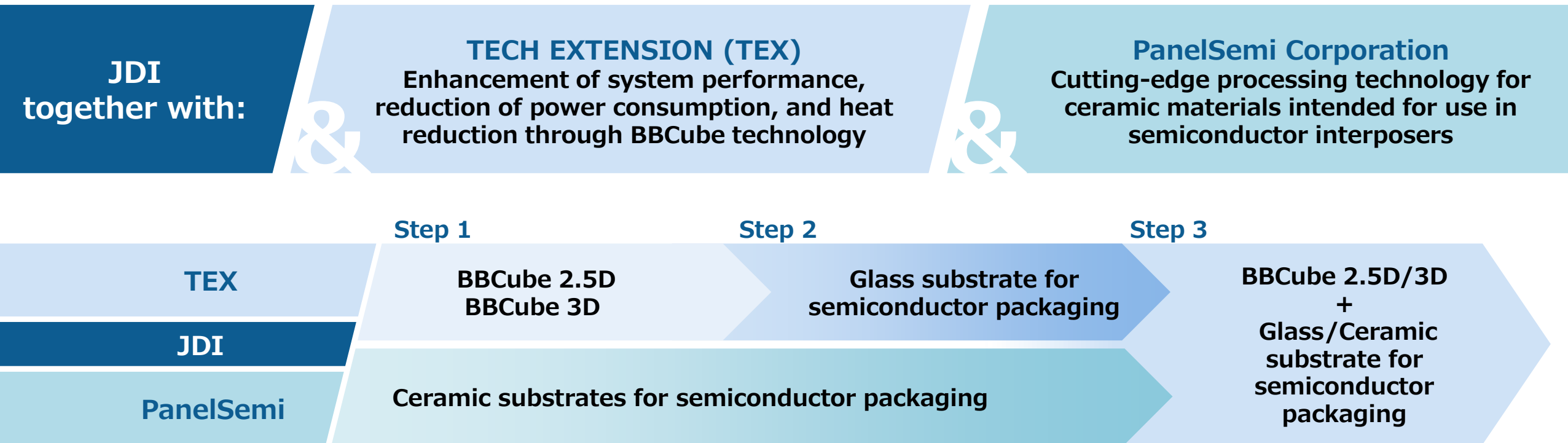
- High-density wiring technology and thin film/glass processing technology cultivated via display business
- Best-in-class production technology from prototyping to mass production
- Ishikawa MULTI-FAB for flexible production and development of semiconductor & sensor tech



Joint development and commercialization of:

- Ceramic substrates for semiconductor packaging
- Organic interposers using glass as a carrier
- Advanced sensor technologies

The combined alliances for advanced semiconductor packaging allow JDI to provide unique value to global customers



JDI is deploying its world-class, ultra-high precision processing technology for large glass substrates in advanced semiconductor packaging. With the increasing performance needs of servers and PCs, there is a rapidly growing market for advanced semiconductor packages with unmet needs that JDI can fulfill



Japan Display Inc.

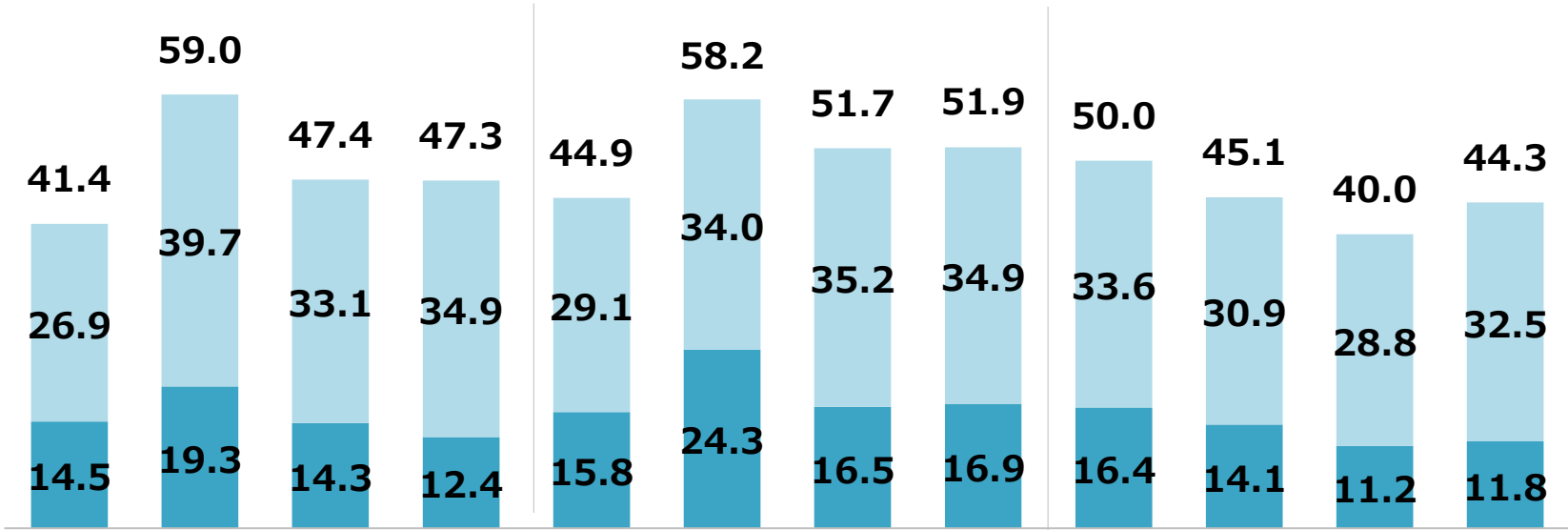
Appendix

Quarterly Sales Breakdown by Segments



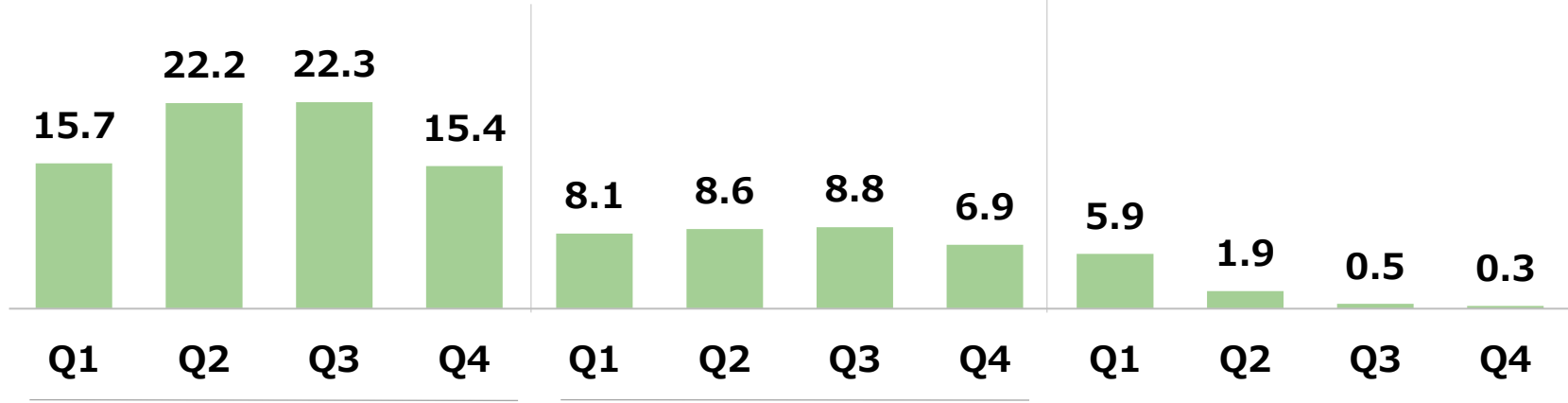
Core Businesses

(JPY billion)



- Automotive
- Smartwatch/VR

Non-Core Businesses



- LCD Smartphone

(JPY billion)	FY24/3	FY25/3	vs. FY24/3
Cash and deposits	29.3	21.1	-8.3
Accounts receivable	29.3	22.8	-6.5
Accounts receivable (EMS)	17.9	7.4	-10.5
Inventories	64.0	44.1	-19.9
Other	11.5	4.8	-6.7
Total Current Assets	152.0	100.2	-51.8
Total Fixed Assets	72.0	47.9	-24.1
Total Assets	224.0	148.0	-76.0
Accounts payable	46.3	28.2	-18.1
Interest-bearing debt	34.8	61.0	+26.2
Equipment payables	18.1	7.1	-11.0
Other liabilities	39.2	44.8	+5.6
Total Liabilities	138.3	141.1	+2.8
Total Net Assets	85.7	6.9	-78.8
Shareholders Equity Ratio	38.1%	4.5%	-33.6pts

Note: The difference between the amount of “Cash and Deposits” in the Balance Sheet & “Cash & Equivalents” in the Cash Flow Statement is Deposits.

Consolidated P&L



(JPY billion)	FY24/3 (12M)	FY25/3 (12M)	YoY	FY24/3 Q4	FY25/3 Q4	YoY
Sales	239.2	188.0	<i>-51.1</i>	58.8	44.6	<i>-14.2</i>
EBITDA	-28.2	-33.0	<i>-4.8</i>	-5.2	-12.3	<i>-7.1</i>
Operating Profit	-34.1	-37.1	<i>-2.9</i>	-6.5	-13.3	<i>-6.9</i>
Non-Operating Income	6.9	2.7	<i>-4.2</i>	1.8	0.5	<i>-1.3</i>
Non-Operating Expenses	-6.0	-6.1	<i>-0.1</i>	-2.0	-1.5	<i>+0.5</i>
Recurring Profit	-33.2	-40.4	<i>-7.2</i>	-6.7	-14.4	<i>-7.6</i>
Extraordinary Income	0.5	1.8	<i>+1.3</i>	0.4	0.0	<i>-0.4</i>
Extraordinary Losses	-11.1	-38.5	<i>-27.4</i>	-0.1	-15.0	<i>-14.8</i>
Income Before Income Taxes	-43.8	-77.1	<i>-33.3</i>	-6.4	-29.3	<i>-22.9</i>
Net Income	-44.3	-78.2	<i>-33.9</i>	-6.3	-29.5	<i>-23.1</i>
Avg. FX rate (USD/JPY)	144.7	152.6		148.6	152.6	
Q-End FX rate (USD/JPY)	151.4	149.5		151.4	149.5	

Consolidated Cash Flow Statement

(JPY billion)	FY24/3 Q4	FY25/3 Q4	FY24/3 (12M)	FY25/3 (12M)	YoY
Income before income taxes	-6.4	-29.3	-43.8	-77.1	-33.3
Depreciation & amortization	1.3	1.0	6.0	4.1	-1.9
Impairment loss	0.1	0.7	11.1	21.6	+10.4
Change in working capital	-2.6	10.3	11.2	15.3	+4.1
Other	1.4	11.2	-2.1	10.7	+12.8
Cash Flow from Operating Activities	-6.3	-6.2	-17.6	-25.5	-7.9
Purchase of fixed assets	-1.8	-3.8	-12.1	-10.5	+1.6
Proceeds from sale of fixed assets	0.0	0.0	0.2	5.9	+5.7
Other	-0.3	0.1	-1.5	-3.6	-2.0
Cash Flow from Investing Activities	-2.1	-3.8	-13.4	-8.2	+5.3
Net increase / decrease in short-term borrowings	9.5	7.5	33.5	26.0	-7.5
Other	-0.1	-0.1	-0.6	-0.3	+0.3
Cash Flow from Financing Activities	9.4	7.4	32.9	25.7	-7.2
Ending Balance, Cash & Equivalents	28.7	20.4	28.7	20.4	-8.3
Free Cash Flow	-8.2	-10.0	-29.7	-36.0	-6.3

Note: Free Cash Flow = Cash Flow from Operating Activities less Capex



Thank You!

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