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Agenda

- 1. Summary of Financial Results
- 2. Progress Updates by Segment
 - IoT Related Business (Image Sensor Testing Business)
 - Laser Business
 - Al Image Processing Equipment Business
 - Vibration Solutions Business

-Appendix-

- Our Manager of Accounting (Corporate Planning Office), Naoya Kyan, will speak on the first point – Summary of Financial Results.
- Our CEO and President, Nobuo Kiji, will speak on the second point Progress Updates by Segment.

Summary of Financial Results

> To begin, we will outline the Group's first half performance and earnings.

Summary of Financial Results



Key Points

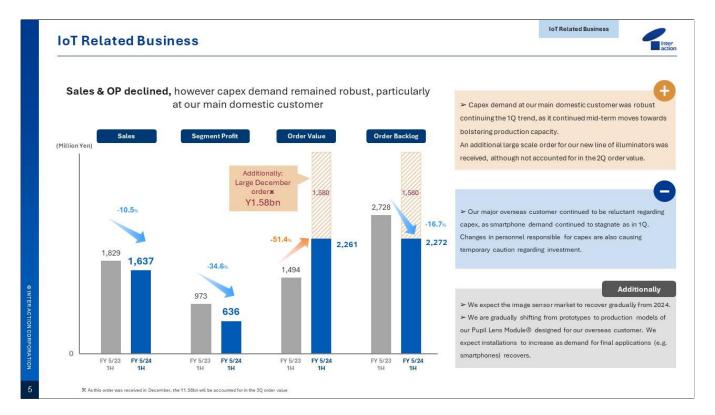
- Consolidated sales and OP declined YoY, largely due to weakness in the IoT related business.
- loT related business: High margin illuminator sales to our major overseas customer remained weak. We expect profitability to improve gradually with sales of our new illuminator model.
- > Environmental Energy related business: Sales of high value drying deodorizer equipment & high profitability maintenance projects were robust.
- Promotion of Industry 4.0 business: Although precision vibration isolation system sales were strong, gear testing equipment sales declined. The establishment of the Nagasaki R&D center incurred R&D costs.
- In this fiscal year, we forecast a skew to the 2H, and consider this 2Q broadly in line with our forecast.



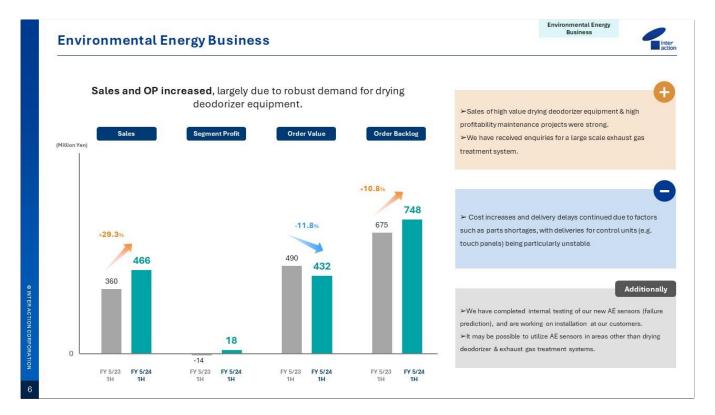
YoY Growth (%)	1H 5/24	1H 5/23	(Million Yen)
-1.	2,979	3,032	Sales
-36.	393	614	OP
-33.	439	660	RP
-37.	269	429	NP
	Y24.83	Y39.42	EPS

Changes in Major Management Indicators

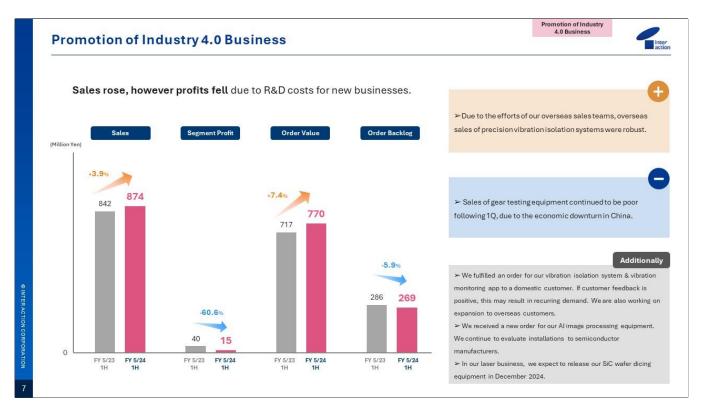
- ➤ In the first half, we recorded Y3bn sales, Y393m OP, Y439m RP, and Y269m NP, with Y24.83 EPS.
- > Compared to the previous period, sales declined by 2%, and OP declined by over 30%.
- ➤ The major reason behind the OP decline was a change in sales mix in the IoT related business. Domestic sales represented 70% and overseas sales represented 30% of total divisional sales, and as high-margin overseas sales declined YoY, OP also fell in comparison to the previous period.
- These 2Q results were according to plan, and progress toward the forecast released at the start of the fiscal year was robust.



- ➤ In the IoT related business (mainly selling image sensor inspection-use illuminators and the Pupil Lens Module®), although our major overseas customer was reluctant to invest in capex, domestic customer capex was strong.
- Furthermore, although it was not recorded in orders for the 2Q (September November), we secured a large order of Y1.6bn in December. The main component of the large order was our new line of illuminators.



- ➤ In the Environmental Energy related business (mainly selling drying deodorizers and exhaust gas treatment systems), sales of drying deodorizers were strong, so sales and OP grew YoY.
- On the other hand, our concerns regarding parts shortages and lengthening lead-times continued, and we are working to make arrangements in advance while also avoiding missing business opportunities.
- One of the key points of the first half was progress in the installation of our new product, the AE sensor (failure prediction). Installation of these sensors can predict failures and thereby avoid unexpected maintenance issues.



- ➤ In the Promotion of Industry 4.0 business (mainly selling precision vibration isolation systems and gear testing systems, including part of the laser business), both sales and OP for precision vibration isolation systems increased YoY. Conversely, overseas sales of gear testing systems slumped, so sales and OP declined YoY.
- ➤ Divisional OP declined by 60%, but OP for existing businesses alone (precision vibration isolation systems and gear testing systems) recorded higher OP YoY. The laser business we began this fiscal year is still in its developmental phase and suppressing divisional OP growth.
- ➤ One of the key points of the first half was in the precision vibration isolation systems business: the new vibration monitoring app, which measures and visualizes vibrations, moved from the developmental phase to the sales expansion phase as we began installing units domestically.
- In the gear testing systems business, our new Al image processing equipment product has begun to garner new orders, and we are focusing on strengthening sales expansion.
- In the laser business, we plan to release our new SiC wafer dicing equipment product around December 2024.

Progress Updates by Division

- > We would now like to explain how each business is progressing.
- As we push ahead with our businesses, we endeavour to achieve our mid-term goal of realizing both the creation of new businesses and the development and growth of existing businesses in the semiconductor and next generation factory markets.
- > Our long-term goal is to merge 'people' and 'technology' to create client-first practice true to our company ethos, and to build an Inter Action brand held in global esteem.

IoT Related Business (Image Sensor Testing)

- > We will now explain one of our endeavours in the semiconductor market: our progress in the image sensor test market.
- > Firstly, we still expect the market to grow domestically and overseas in the medium to long term.
- > Our basic strategy is to leverage strong leadership and grow our brand value among highend device manufacturers with high market share.
- > At the same time, we aim to make use of the cutting-edge technology and know-how accumulated with those high-end device manufacturers alongside our brand and its global top market share to break into untapped markets (for both high-end and low-end customers), thereby growing our market share, company value, and stock price.

- We expect strong demand from our major domestic customer to continue for approximately a year.
- There are 3 main points to note in the future of domestic and overseas image sensor test demand: improving the footprint of our illuminators (space saving), eliminating the differences between units, and improving productivity through the use of data.
- > In the first case, our efforts toward improving illuminator footprint include ongoing sales activities for our new illuminators that can illuminate more space per unit.
- In the second, eliminating differences between units is made possible by a unique solution using our patented technology that adjusts each unit's differences in performance. By eliminating these differences, we believe we can grow customer productivity. We estimate that the market for our solution is approximately Y2bn, and plan to begin implementation progressively from April 2024.
- ➤ Regarding the Pupil Lens Module® and our major domestic customer, we are delivering production automation equipment to our Kumamoto office and hope to use it to improve quality and lead-times to improve customer satisfaction. We estimate the equipment will be fully operational from FY 5/2026.
- Our major overseas customer continues to be cautious regarding capex. We expect medium- to long-term growth in sales from them, but trends over the next year remain uncertain. Precisely because of this situation, we aim to prepare for the future, develop next generation equipment, and accumulate technical knowledge whilst successfully converting the auto- and sensing-related orders we are currently receiving into sales.
- ➤ Regarding the Pupil Lens Module® for our major overseas customer, we are in the process of shifting from developmental devices to mass-produced devices. We expect to finish medium-spec models in January 2024 and high-spec models in April: this fiscal year is a vital one for mass production.
- Further, we are currently developing a new concept of Pupil Lens Module® with partner companies to sharpen our competitive edge (expected release: May 2024). We will begin by offering our new Pupil Lens Module® to our major overseas customer and create a market for it. We also expect this project to be of interest to our major domestic customer, and we will continue development with an eye to regaining market share with them.
- We are developing our business by actively taking initiatives toward major manufacturers, so we are certain that once the market improves, we will be able to grow sales and OP beyond our current level, thereby also growing our company value.

- > Here we will explain trends and strategies regarding our other high-end customers.
- ➤ Regarding European customers, we are receiving orders, largely auto and sensing related, and we will use our technological superiority to generate further orders.
- ➤ Regarding Chinese customers, we are receiving orders, but our customers are not yet able to manufacture high-end sensors. We are therefore guiding our customers while continuing to offer existing illuminators and develop next generation illuminators. Our ultimate goal is full installation of auto and sensing related products at these customers.
- ➤ Regarding US customers, we plan to collaborate with our partner company to install a demo auto related illuminator around June 2024. We expect a steady stream of orders as our customers appreciate our technological capability.
- We aim to take the technological capabilities accumulated with our major high-end customers and offer them to other high-end customers, breaking further into the market.
- Furthermore, we expect auto and sensing related products to be at the heart of our other high-end customer demand for the foreseeable future, and we will take initiatives in line with that.

- We believe that the low-end market is just as worth exploiting as the high-end market.
- We see 3 phases in our initiatives with low-end customers.
- ➤ We plan to install an entry-level model in Phase 1, guide customers and gradually raise the technological level in Phase 2, and offer equipment that brings together high capabilities and high profitability in Phase 3.
- ➤ We estimate Phase 3 will be released in the first half of FY 5/2027.
- In the image sensor testing industry, the Inter Action brand (our illuminators) is highly-regarded, and low-end customers sometimes tell us that while they would like to buy our equipment, the price puts them off.
- In light of that, we believe it is our mission to create an environment where low-end as well as high-end customers can buy our products, so we will grow with our customers, with our ultimate goal being that those customers will be able to perform high-end testing as well.



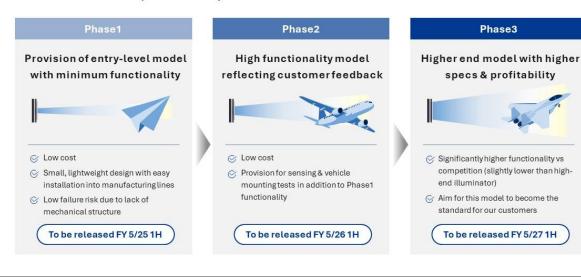
IoT related business



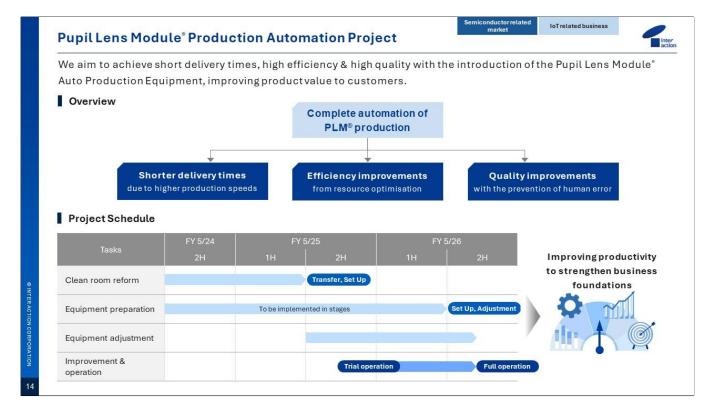
We are progressing development & sales in 3 stages, whilst balancing strategic advantages & negative impacts to profitability. As with the high-end segment, we aim to gain 100% market share as the industry leader.

Low-end illuminator Development & Sales phases

Low-end segment (2/2 Development & Sales Phase)



- ➤ We plan to release Phase 1 in the first half of FY 5/2025, Phase 2 in the first half of FY 5/2026, and Phase 3 in the first half of FY 5/2027, aiming for a 100% share in illuminators.
- Depending on the customer, we may skip Phases 1 and 2 and begin by installing Phase 3 units.



- ➤ In order to further grow added value for our Pupil Lens Module®, we are progressing with our production automation project. We estimate full operation will come from the second half of FY 5/2026.
- ➤ By automating the Pupil Lens Module® production process, we will be able to shorten delivery times, improve efficiency, and grow product quality, which we believe will also raise our corporate value. We hope to steadily roll out automation.
- > Due to the nature of the IoT related business, there are often fluctuations in earnings, but we aim to steadily progress with our initiatives to improve corporate value in order to attain higher profitability when the market recovers.

Laser Business

- ➤ To further improve the Group's reputation globally, and to become a company that brings out pride, passion, and confidence in its employees, we believe that it is paramount to develop new businesses in addition to the development and growth of existing businesses.
- > We have several plans for new businesses in progress, one of which is the laser business.

- Currently, the laser business is mainly present in the semiconductor market as it pertains to the development of the SiC Wafer Dicing process.
- ➤ Development costs have temporarily suppressed profit growth, but we have at last scheduled the release of a model for December 2024.
- ➤ We estimate that the laser dicing market within the greater dicing market will grow over 10% until 2029. By making approaches with our equipment in line with market growth, we believe our laser business sales will see strong growth with a CAGR of 178% until FY 5/2028.

- ➤ What we can disclose before release is limited, but in order to differentiate ourselves from competitors, we are progressing with the technical development needed to reduce as much as possible the thickness of the cutting allowance, known as a kerf, thus increasing the chip yield of each wafer.
- ➤ We are also progressing with R&D for processes other than dicing, and currently have 5 projects on the go, including SiC laser dicing. As these projects progress, we will disclose details at key times.
- ➤ We will pair the technology built up through these businesses with our existing optical technology to strengthen our efforts within the semiconductor market, thereby improving Inter Action's brand image.

Al Image Processing Equipment Business

- > Another of our new business endeavours is in the AI image processing equipment business.
- > This business follows our company ethos to 'visualize the invisible and make the impossible possible'.

- Previously, we developed and sold products for the gear inspection market, but we have widened our sales net and begun to approach companies in the semiconductor inspection sector as well.
- > We have already received inquiries and in November 2023 conducted customer interviews.
- ➤ Using what we learnt in those interviews, we aim to install demo units in January 2024, evaluate feedback until June, and by about October receive orders for mass production where feedback is positive.
- ➤ We expect to install the mass produced models from September 2025, and we are eyeing possibilities for horizontal development at that time.

Next-Gen Factory

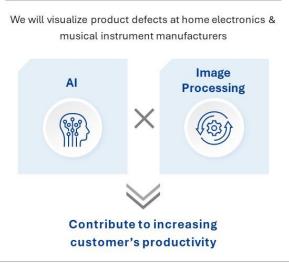
A 0 Rusiness



Al Image Processing Equipment Business (For Next Generation Factory Market)

We are supporting productivity improvements at next generation factories by combining AI & our image processing technology.

We aim for Y100m in orders this FY by focusing on selected customers and projects.



Business Overview

Lack of internal resources to deal with the large number of inquiries is leading to long lead times

Current situation and future plans

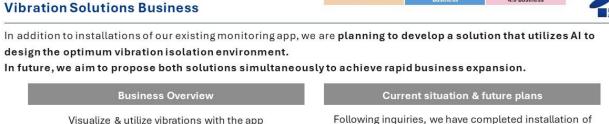
By focusing on selected customers & projects, we aim to make progress & improve profitability

Expected schedule	
End Dec 2023	Demo unit launch at a major home electronics
	manufacturer
Mar 2024 (Est)	Order expected from a major musical
	instrument manufacturer
Apr 2024 (Est)	Order expected from a gear manufacturer
Jul 2024 (Est)	Order expected from a major home electronics
	manufacturer (2 nd unit)

- ➤ We are receiving orders from outside the semiconductor market in the AI image processing equipment business (approximately 150 inquiries when combined with the semiconductor and the next generation factory markets).
- ➤ Even as we receive multiple inquiries, we delivered demo units to a major home electronics manufacturer in December 2023, and depending on customer satisfaction we see a possibility of a repeat order in July 2024.
- ➤ We also received an inquiry from a major musical instrument manufacturer, and expect an order around March 2024.
- Internal resources cannot keep up with the number of inquiries we receive, and leadtimes have been lengthening. As a result, we aim to improve profitability by selectively choosing which inquiries to focus on.

Vibration Solutions Business

> We are also developing our new businesses in the vibration solutions business.



New Business



Contribute to increased customer productivity



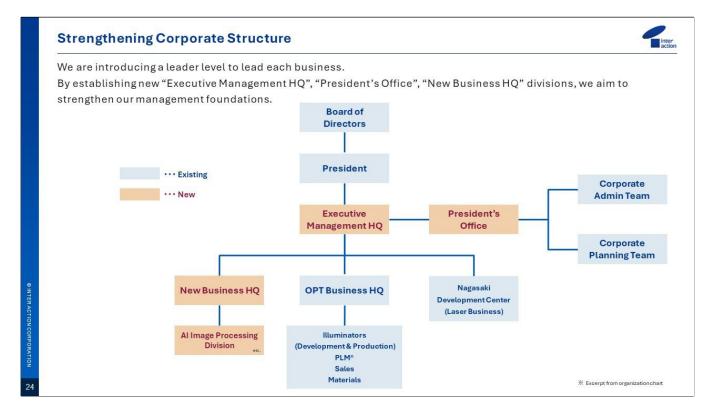
In April 2024, we plan to install 4 demo units at South Korean company.

We expect to progressively roll out the new monitoring app from FY 5/24 3Q.

- ➤ In terms of new businesses, we have been progressing with the development and sale of our vibration data visualizing monitoring app. In 2023, we received inquiries from a Chinese OLED manufacturer and have already begun to install a prototype.
- We plan to install 4 demo units at a South Korean company in April 2024.
- ➤ We aim to begin rolling out our new, upgraded monitoring app incorporating AI from the 3Q.
- > We hope both of these leads will result in mass production.

Strengthening Corporate Structure

- > As our new businesses begin to put down roots, we expect the company to rise to a new stage and enter a transformative era.
- Furthermore, we believe the creation of new businesses and the strategies needed to realize them are key to growing our brand.



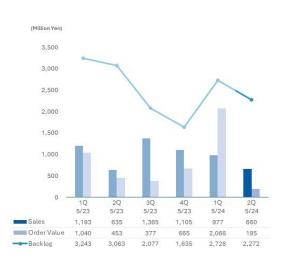
- To grow our value as a company, we decided that a change among our leaders was necessary, and we have introduced a new leadership structure.
- > By establishing new 'Executive Management HQ', 'President's Office', and 'New Business HQ' divisions, we aim to strengthen our management foundations.
- ➤ We have hired two talented new leaders for the 'Executive Management HQ', and believe the structural foundations are in place to begin implementing our strategy. Via this new structure, we aim to develop and grow our existing businesses, create new businesses, and improve Inter Action's brand image.
- > That concludes our explanation of the presentation.

Appendix ① Sales, Order Value, and Order Backlog

IoT Related Business

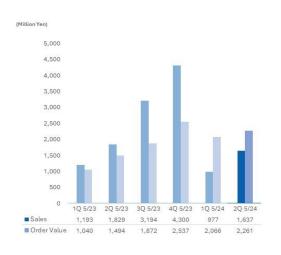






Sales/Order Value (cumulative)

IoT related business



Promotion of Industry 4.0 Business

Promotion of Industry 4.0 Business







Sales/Order Value (cumulative)



Consolidated

■IoT Related ■ Environmental Energy ■Industry 4.0

IoT related business

Environmental Energy
Business
Promotion of Industry
4.0 Business

■IoT Related ■ Environmental Energy ■Industry 4.0



1212112	Sale	es	Order	/alue	Order Ba	acklog
Business Segment	Results	YoY Growth	Results	YoY Growth	Results	YoY Growth
IoT Related Business	1,637	-10.5%	2,261	51.4%	2,272	-25.8%
Environmental Energy Business	466	29.3%	432	-11.8%	748	-7.4%
Promotion of Industry 4.0 Business	874	3.9%	770	7.4%	269	-22.4%
Total	2,979	-1.8%	3,464	28.2%	3,291	-22.0%
Sales (cumo		000	rder Value (cumula	5,000	Order Backlo	g (quarterly)
,000	796	000	1,355	4,000	278 347 666 808	200
1,348	3,	000	1,016 849	770 — 3,000 —	219	675 269
3,000 S50	874	000 717	641 182	2,000	3,243 3,063	774 2.728
476 238 1.829	474 288 1,637	1.040	2,537 2,066	2,261 1,000	2,077	1,635
0 1,193	977	0		0		

■ IoT Related ■ Environmental Energy ■ Industry 4.0

Appendix 2

Company Information

Company Information



Name	INTER ACTION Corporation	Exchange	Tokyo Stock Exchange
Established	June 25, 1992		Prime Market
Representativ	re Nobuo Kiji CEO & President	Code	7725
Capital	1,760 million yen	Fiscal Year	June 1 to May 31
Employees	126 (entire group; as of May 2023)	URL	https://www.inter-action.co.jp
HQ Address Offices	14 th Fl. Yokohama Kanazawa High-Tech Centre 1-1 Fukuura, Kanazawa Ward, Yokohama City Kanagawa Prefecture 236-000 TEL: 045-788-8373 FAX: 045-788-8371 Naka Ward, Yokohama City Koshi City, Kumamoto Prefecture Nagasaki City, Nagasaki Prefecture	Group Compa	anies AIR GASES TECHNOS CO., LTD. MEIRITZ SEIKI CO., LTD. Tokyo Technical Instruments Inc. Xian INTER ACTION Solar Technology Corporation Shaanxi Chaoyangyitong Precision Device Co., Ltd. MEIRITZ KOREA CO.,LTD Taiwan Tokyo Technical Instruments Corp. TOKYO TECHNICAL INSTRUMENTS (SHANGHAI) CO.,LTD
			Lastec Co., Ltd.

Company Information



Dividend Policy Total payout ratio 30%
- Growing fields, or fields with growth potential - Fields in which our accumulated technological expertise and business know-how can be used to develop the business - NPV positive when estimated cash flow is discounted by the WACC for the next 5 years

Company Information



Mailing List

We send information relating to INTER ACTION Group to our mailing list.

Mailing list information on our website:

https://www.inter-action.co.jp/ir/ir_mail/

Registered information will be used solely for our mailing list.

Details on how we handle personal information is available on our website. Please see our privacy policy here:

https://www.inter-action.co.jp/privacy/

Contact

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Or please contact us through our online inquiry form:

https://www.inter-action.co.jp/inquiry/

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