

**Business Strategy**  
**RICOH Digital Services**  
 Office Services and Office Printing (Sales)

**Transforming customers' work environments as a workplace services provider**



**Takahiro Irisa**  
 President  
 RICOH Digital Services Business Unit

**Fiscal 2025 Focuses**

- 1 **Deliver high-value-added services and build a robust recurring revenue base**
- 2 **Concentrate management resources on the Process Automation and Workplace Experience growth domains**
- 3 **Establish Ricoh's AI brand identity**

**Market Environment and Fiscal 2024 Review**

While hybrid work took hold, there were also moves to have people return to regular offices. Evolving needs boosted demand for Office Services that support anytime, anywhere work styles. We have invested in Process Automation and Workplace Experience as growth areas. The former builds customer value by automating and optimizing business processes to trim tasks. The latter helps create environments that foster creativity. We also enhanced our value proposition by tapping in-house AI expertise. This includes driving full-scale development of a multimodal LLM that the Japanese government's GENIAC project also adopted, capable of handling text and diagrams, tables, and graphs. Fiscal 2024 Office Printing hardware revenues and operating profit declined. At the same time, Office Services continued to develop as an earnings base, with recurring revenues rising 14%. We also pushed forward with structural reforms to enhance profitability.

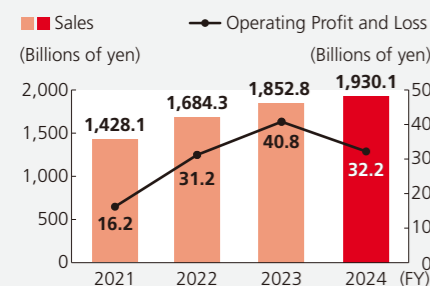
**Current Challenges and Fiscal 2025 Initiatives**

We must accelerate growth in Process Automation and Workplace Experience to cater to increasingly diverse customer needs. By expanding business strengths through acquisitions and strengthening partnerships, we will provide globally integrated, high-value-added services. We will also further leverage the advanced technologies of natif.ai, which we acquired in April 2024, to help customers automate and enhance wide-ranging workflows. In addition to LLM, we will deploy digital clones and AI agents that use multimodal LLM that can handle diagrams, tables, and graphs. This will broaden AI-driven value creation from improving back-office efficiency to boosting sales productivity. While maintaining Office Printing's customer base and non-hardware revenue, we will accelerate recurring revenue expansion in Office Services. To drive ROIC growth, we will manage key performance indicator initiatives and continuously update our measures.

**Key Performance Indicators and Fiscal 2025 Targets**

- Office Services recurring revenue growth rate: +10%
- In-House applications sales growth rate: +25%
- Japan: IT Services sales growth rate: +10%
- Japan: Scrum Series sales growth: Unchanged

**Performance Trends**



**Market Position**

We are leveraging the global customer base we built through Office Printing and our global sales and support network to deliver integrated services worldwide as a workplace services provider. In December 2024, Gartner, Inc., positioned us in its Magic Quadrant™ for Document Management report as a leading global document management player.

**Medium- to Long-Term Risks, Opportunities, and Responses**

Declining office print demand could shrink recurring revenues in the Office Printing business. Global economic uncertainty and changing tariff and trade policies could affect operations. On the upside, demand for Office Services should expand on diversifying work styles and corporate digital transformation. We will cater to rising demand for process automation and AI utilization by providing services that support customers' digitalization efforts.

**Regional Digital Services Deployment**

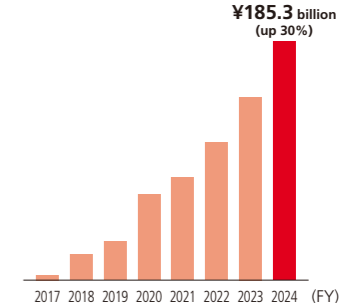
Region	Market Environment and Fiscal 2024 Results	Future Challenges and Initiatives
<b>Japan</b>	<b>Market Environment and Fiscal 2024 Results</b> Demand for greater efficiency and automation is increasing as companies tackle such social issues as labor shortages and an aging population. We expanded Office Services revenues by 14% during the year by strengthening value propositions for such customers. The Scrum series delivered 30% growth by creating industry and functional solutions with small and medium-sized enterprises to efficiently deliver high-value-added services. A strategic focus on key products drove higher recurring revenues.	<b>Future Challenges and Initiatives</b> We will fortify our recurring revenue base by leveraging PC replacement demand to generate new opportunities, increasing services and support attachment rates, and expanding service solutions with partners. We will also strengthen the rollout of RICOH Smart Huddle, which offers high-productive work styles through digital services and workplace design. We will refine our proprietary AI technologies to address diverse customer issues and firmly establish our brand as an AI leader.
<b>North America</b>	<b>Market Environment and Fiscal 2024 Results</b> Ongoing uncertainty over tariff policies has fueled concerns about market stability and business outlooks. We improved Business Process Services profitability by streamlining operations and optimizing pricing strategies. We expanded Application Services by harnessing Office Printing hardware sales growth and offering solutions centered on our proprietary document management software. Major structural reforms also raised efficiency and profitability.	<b>Future Challenges and Initiatives</b> We will drive revenue growth and improve profitability in the Office Services business by reviewing its portfolio. For the Workplace Experience business, we aim to expand growth by strengthening synergies with Cenero and enhancing proposals to existing customers. We will uphold Office Printing profitability by employing optimal product and sales strategies and extensively targeting customers while expanding MFP sales in collaboration with partners. In response to tariffs, we will adjust pricing strategically while flexibly adapting to market conditions.
<b>Europe</b>	<b>Market Environment and Fiscal 2024 Results</b> While inflation stabilized, economic activity slowed in some regions, lengthening Workplace Experience sales cycles. The overall IT services business, including IT infrastructure and IT services, expanded and helped increase recurring revenues. Rising demand for digitalization and automation boosted Process Automation revenues, with DocuWare's cloud services driving recurring revenue expansion.	<b>Future Challenges and Initiatives</b> We will draw on synergies with acquired companies in the Office Services business to increase recurring revenues by delivering new value to existing customers. We will use the RICOH Global Security Operation Center, which we launched in January 2025, to expand managed security services to counter cyber threats. In Office Printing, we will review offerings to maintain recurring revenues. We will keep improving productivity by reviewing our portfolio and optimizing our organization.

**Office Services Sales by Region and Segment**

FY2024	Total		By region					
	Sales	Change	Japan	Change	The Americas	Change	Europe	Change
<b>IT Services</b>								
IT Infrastructure*1	318.4	9% (7%)	211.4	14%	10.5	29% (-22%)	87.9	-4% (-8%)
IT Services*2	214.0	13% (11%)	119.5	15%	13.9	-8% (-13%)	75.7	15% (10%)
<b>Process Automation</b>								
Application Services*3	178.7	12% (10%)	110.1	12%	24.5	10% (4%)	38.3	16% (11%)
Business Process Services*4	136.1	4% (-1%)	4.4	2%	104.2	5% (-1%)	24.5	-2% (-6%)
Workplace Experience*5	76.9	7% (3%)	21.2	8%	20.0	20% (14%)	30.5	-3% (-7%)

Note: Numbers in parentheses exclude foreign exchange impacts.  
 \*1 Procurement and sales of hardware and software linked to IT infrastructure and security services  
 \*2 Implementation, construction, and operational support related to IT infrastructure development and security service delivery  
 \*3 Implementation, construction, and operational support for proprietary and procured application software, including DocuWare, RICOH kintone plus, and document solutions products  
 \*4 Including the outsourced customer output center business and new services leveraging our customer base  
 \*5 Implementation, construction, operational support, and managed services for communication environment development including sales of proprietary edge devices

**Scrum Series Sales in Japan**





# RICOH Digital Products

Office Printing (Development, Production, and Original Equipment Manufacturing) and Industrial Computers

## Generating development and production synergies while prioritizing profitable manufacturing<sup>00</sup>



**Katsunori Nakata**  
President  
RICOH Digital Products  
Business Unit

### Fiscal 2025 Focuses

- 1 Increase printing market share by steadily expanding the ETRIA joint venture
- 2 Evolve the printing business by adopting a circular economy approach
- 3 Accelerate growth and optimize the industrial computer business by setting up a new company

### Market Environment and Fiscal 2024 Review

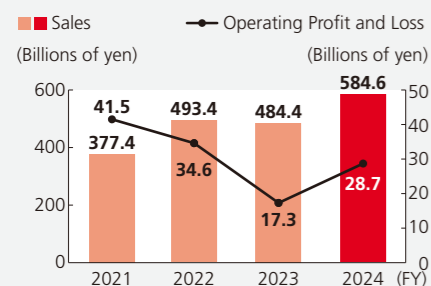
Print demand continues to decline in an increasingly paperless world. At the same time, demand for digital services is rising as operations digitalize and information management becomes more complex. In fiscal 2024, we lowered costs as production rates improved. We overcame the impact of the previous year's MFP output adjustments by restoring normal production and sales systems. In July 2024, we and Toshiba Tec established ETRIA, a joint venture that integrates office MFP development and production. This step strengthened our business foundations and contributed to revenue and earnings growth. We also reinforced our edge device portfolio. We focused on MFPs and printers that raise customer productivity and support digital transformation.

### Current Challenges and Fiscal 2025 Initiatives

Geopolitical risks, evolving global economic conditions, and tariff-related uncertainties are expected to continue impacting supply chain resilience. In the printing business, we aim to reinforce our industry leadership by leveraging synergies from the establishment of ETRIA, enhancing collaboration with other companies and expanding sales beyond the Ricoh brand. We will build a resilient manufacturing system to prepare for geopolitical risks while further lowering production and development costs. We will contribute to a circular economy by working to establish a manufacturing system centered on Ricoh's strategy to transition from a linear economy in which it procures raw materials and manufactures products that customers use and discard to a circular economy that recycles resources. PFU's Document Imaging business will focus on transforming the revenue structure and generating recurring revenue streams. In the Industrial Computer business, we established Ricoh PFU Computing to accelerate the expansion of our product lineup and growth in new areas. We will use key performance indicators to manage these initiatives and constantly update our measures to improve our returns on invested capital. Key performance indicators are as follows.

Key Performance Indicators and Fiscal 2025 Targets	Targets
Variable cost reductions	¥3.5 billion
Office Printing partner sales (sales to non-Ricoh brands)	¥90.0 billion

### Performance Trends



### Market Position

We develop and manufacture a broad range of devices supporting workplace transformation. Our efforts center on ETRIA, the world's biggest producer of A3 color MFPs, and PFU, the global leader in scanners. In industrial computers, we hold the top share\* in Japan and contribute to domestic industrial growth.

\* Based on Ricoh research as of April 2025

### Medium- to Long-Term Risks, Opportunities, and Responses

We manufacture our main MFP models at multiple sites and diversify parts suppliers to mitigate geopolitical and natural disaster-related risks. To enhance profitability, we build optimal production and development systems. ETRIA is leveraging synergies to address declining print demand amid diversifying work styles, while responding to stricter environmental regulations and rising ESG expectations. It has taken a leading role in developing a circular business model.

### ETRIA's Challenges and Outlook<sup>01</sup>

#### Progress since Establishment

Ricoh and Toshiba Tec established ETRIA in July 2024. That joint venture develops and manufactures office MFPs, imaging equipment, and related consumables by combining the two partners' advanced technologies and expertise. ETRIA oversees 15 affiliates, including nine from Ricoh and six from Toshiba Tec. It is strengthening operational foundations and integrating people and corporate cultures to build cohesion and stabilize operations. Since its launch, ETRIA has efficiently and reliably delivered competitive products. It develops engines, jointly procures parts and materials, and shares production sites.

#### Business Development

In February 2025, ETRIA launched the RICOH IM C6010SD/C4510SD/C3010SD series of A3 color MFPs. These models use scanner technology from PFU, which joined the Ricoh Group in 2022. They scan diverse paper types and sizes quickly and accurately. They have earned strong reputations as core devices for streamlining and

digitalizing office operations. In May 2025, ETRIA released A3 monochrome MFPs that use Toshiba Tec engine technology. This launch expanded the product lineup and demonstrated clear integration synergies.

The Auto-ID business\* brought out a label printer that applies MFP technology. This model connects to scanners and diverse other devices. It is highly scalable and functional, helping frontline workplaces improve efficiency and digitalize their operations.

\* The Auto-ID business identifies items using barcodes, 2D barcodes, radio frequency identification, and other technologies.

#### Oki Electric Industry's Participation and Prospects

Oki Electric will join ETRIA in October 2025. ETRIA will use Oki's LED printhead technology and production sites to strengthen development capabilities and production systems. Ricoh, Toshiba Tec, and Oki will combine their technologies and sales channels to accelerate delivery of high-value-added products, drive sustainable business growth, and raise corporate value.

### Transitioning to a Circular Economy-Oriented Printing Business Model

We are shifting our printing business from a linear setup to a circular one. We now position circularity as pivotal to competitiveness alongside product performance, reliability, and cost.

We are thus transforming three elements of our production process. First, we are adopting circular design and production. Second, we are strengthening our refurbished products business by improving quality and redefining value. Third, we are building a circular ecosystem by collecting and recycling used equipment. These efforts culminated in the January 2025 launch of the RICOH IM C4500F CE/C3000F

CE series A3 color refurbished MFPs. These models use new technology that streamlines the sorting, refurbishment, and inspection of reusable parts. As a pioneer in circular manufacturing, we will lead the way in expanding our network of like-minded partners.



- I Engaging in circular economy-oriented manufacturing
- II Strengthening our refurbishing business
- III Building a circular ecosystem

### Ricoh PFU Computing Establishment and Goals<sup>02</sup>

In April 2025, Ricoh Industrial Solutions and PFU integrated their industrial computer businesses to form Ricoh PFU Computing. They both have extensive records in this field and have contributed much to Japanese industrial progress.

This move caters to increasingly sophisticated and diverse market needs driven by edge computing, AI, and IoT. The new company combines proven design capabilities that deliver high quality and performance with a flexible

production system that uses domestic factories across both companies. This structure ensures faster, more diverse responses to customer requirements.

Ricoh PFU Computing will build on its leading domestic positions in embedded computers and fonts. It will also focus on highly promising edge devices and solutions to expand its business.



**Business Strategy**  
**RICOH Graphic Communications**  
 Commercial and Industrial Printing

**Driving customer success by meeting global digital printing needs**



**Koji Miyao**  
 President  
 RICOH Graphic Communications Business Unit

**Fiscal 2025 Focuses**

- Become the global leader in commercial digital printing**
- Accelerate growth by leveraging the product and technical strengths of the inkjet printhead business**

**Market Environment and Fiscal 2024 Review**

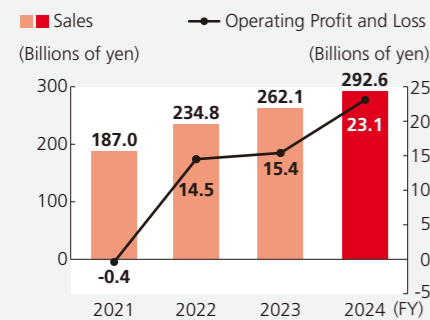
In the commercial printing market, digitalization and paperless trends are driving more small-lot orders, which require solutions for increasingly complex workflows and more diverse printed materials. Labor shortages in printing operations are heightening demand for greater efficiency. In fiscal 2024, we exhibited at the drupa 2024 in Düsseldorf, Germany, the world's largest trade fair for the printing and media industry. We received more than 100 orders from commercial and industrial printing customers worldwide. Fulfilling these orders and expanding new product sales increased production printer sales, particularly in Europe and the Americas. Non-hardware sales also grew steadily. In industrial printing, demand for sign and graphic applications lifted inkjet printhead sales. RICOH Graphic Communications delivered double-digit sales and operating profit growth.

**Current Challenges and Fiscal 2025 Initiatives**

The printing industry is shifting from analog to digital, creating demand for products and solutions that address diverse digital printing needs. We aim to strengthen our position as a leading brand in commercial digital printing by expanding the market shares of flagship toner products in developed markets and driving growth in emerging ones. We will grow non-hardware revenue by increasing sales of new high-speed inkjet models, including the RICOH Pro VC80000 and RICOH Pro Z75. We will further accelerate growth in the inkjet printhead business. Sales representatives and service engineers will work closely with customers to deliver high value as a core component supplier. Beyond single inkjet printheads, we will provide comprehensive solutions that include technical support and tools. We aim to expand sales in China and other markets through this approach. We will manage these initiatives with key performance indicators and continue to update our measures to raise returns on invested capital. Key benchmarks are as follows.

<b>Key Performance Indicators and Fiscal 2025 Targets</b>	• Commercial printing unit sales growth rate	High-end color cutsheet printers: +8% High-speed inkjet printers: +55%
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**Performance Trends**



**Market Position**

We hold leading global positions in color cutsheet printers and high-speed inkjet printers. We offer value-added solutions through close customer engagement. Our inkjet printheads rank among the global top three\* in piezoelectric technology. We hold particularly strong shares worldwide in sign and graphic applications. We also supply printheads for textiles, labels, and packaging.

\*Source: I.T. Strategies printhead market share data (2024)

**Medium- to Long-Term Risks, Opportunities, and Responses**

The spread of digital media is reducing print volumes. Rising costs for raw materials, logistics, and labor are eroding profitability and dampening investment at printing companies. These trends pose risks. At the same time, the shift to digital printing is accelerating. Customers seek solutions for automation, labor savings, and process visibility. Demand for eco-friendly printing systems is rising as environmental awareness grows and regulations tighten. We will capitalize on these opportunities by delivering solutions that meet customer needs.

**Customer Success Stories**

**Gain How Printing**

**Accelerating Asia's largest commercial printing company to transition to full digital printing**

Taiwan-based Gain How Printing Co., Ltd., has long served diverse industries with high-quality, high-volume output from conventional offset presses. However, Gain How Printing made transitioning completely to digital printing central to its strategy. This was in view of such industry-wide printing challenges as high costs, color inconsistency, limited flexibility, and environmental impact. It adopted an on-demand production model, pursued automation, and optimized workflows. These measures built a system that flexibly serves low-volume and customized printing needs. Ricoh has been a strategic partner in this transformation. Four RICOH Pro VC70000 high-speed continuous-feed inkjet systems deliver offset-level image quality for high-volume, full-color printing, making it possible to create compelling documents. Gain How Printing also installed the RICOH Pro Z75 sheetfed inkjet printer, which supports B2 size, strengthening its lineup and enhancing both productivity and

responsiveness to diverse customer needs. Ricoh's advanced color management tools ensure consistent color across systems. The move to digital printing also reduces environmental impact by cutting waste and energy consumption.



**Boyin**

**Providing high-quality inkjet printheads stimulates business growth for an industrial printer manufacturer**

Boyin operates in the fast-growing textile market, primarily in China. The company develops, manufactures, sells, and maintains textile printing machines. Conventional analog methods face challenges from heavy water use, complex processes, long lead times, and resulting cost and productivity issues. Ricoh supports Boyin in developing digital textile printers that deliver high image quality, productivity, durability, and advanced automation. This support goes beyond supplying inkjet printheads. Ricoh assists from concept verification through mass production and ensures

stable operations in the market. Developing and producing printers equipped with numerous inkjet heads is technically demanding. Ricoh accelerates Boyin's mass production and market rollout by providing implementation support, including ink evaluation and waveform tuning. Ricoh will continue to raise the value of customers' products and services. We will do this through flexible development, strong support capabilities, and tailored solutions that meet diverse needs.

**Establishing a new industrial printing company in Europe**

U.K.-based Ricoh Printing Solutions Europe Limited began operations in April 2025. That company is a direct subsidiary of RICOH Graphic Communications. This subsidiary integrates industrial inkjet printhead and textile printer sales, engineering support, and ink evaluation. It delivers consistent, specialized support to customers across the region. It also deepens expertise in inkjet technology, the core of industrial printing. It provides customers with new inkjet value by working with Ricoh's R&D units and other regional sites.





# RICOH Industrial Solutions

**Strengthening earnings capacity of core and growth businesses and swiftly generating revenues from new areas**



**Keiichi Shiokawa**  
President  
RICOH Industrial Solutions Business Unit

## Fiscal 2025 Focuses

- 1 Strengthen profitability in core thermal media and precision component areas
- 2 Accelerate growth in automation equipment
- 3 Early establishment of new businesses resolving social issues and their contribution to profits

### Main Businesses and Functions

1. Thermal media: Manufactures and sells thermal paper for barcode labels, thermal transfer ribbons, and On-demand Direct Printing (ODP) Thermal Media for functional packaging in manufacturing, distribution, logistics, and medical fields<sup>1</sup>
2. Industrial products: Manufactures and sells automation equipment, inspection devices for manufacturing, and precision components mainly for the automotive sector

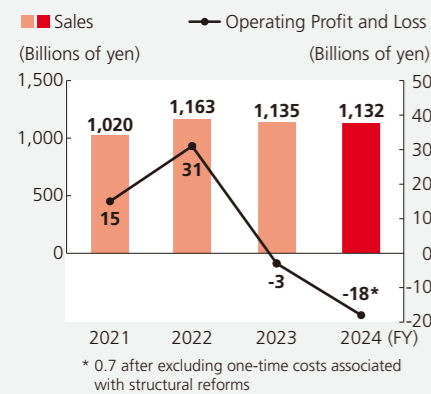
## Market Environment and Fiscal 2024 Review

The thermal media market is growing steadily as global population growth drives goods consumption. In Europe, sales stagnated owing to sluggish market conditions and intensifying price competition. We improved profitability, however, by developing low-cost products and streamlining production, slightly raising overall sales. In Japan, we increased sales of products that help resolve social issues, such as eco-friendly linerless thermal labels that eliminate release liners. ODP Thermal Media, which allow direct printing on media, gained recognition for enhancing product visibility and simplifying workflows. Adoption progressed primarily for top seals at leading convenience store chains. In the Industrial Products business, we focused on strengthening profitability by reducing costs and overhauling design processes while expanding sales of automation equipment that helps improve productivity at customer manufacturing sites. We transferred the Optical business as part of our portfolio management strategy.

## Current Challenges and Fiscal 2025 Initiatives

We will tap our technological prowess to globalize our digital services business. We will build an efficient management structure by applying digital transformation to streamline processes. In core and growth areas, we will accelerate digital services for major customers. We will convert pipeline deals into measurable results and increase loyal customers in healthcare and other sectors. We will raise productivity by applying digital tools on factory floors. In new fields, we will grow our functional packaging business through ODP Thermal Media and expand this business worldwide. Leveraging our proprietary technology, we will launch new ventures that resolve social issues, such as reducing carbon emissions by transforming vehicle painting.

### Performance Trends



### Market Position

In Thermal Media, we use proprietary materials, coating technologies, and a global production and sales network to hold the world's top share in thermal paper and thermal transfer ribbons for the logistics, distribution, and healthcare industries. We contribute to resource conservation by offering ODP Thermal Media for the food packaging industry. In Industrial Products, we apply our strengths in image processing, automation, and inspection to deliver products and solutions that raise efficiency on production floors.

### Medium- to Long-Term Risks, Opportunities, and Responses

While the thermal media market continues to expand because of global population growth, profitability is at risk from commoditization and U.S. tariff policies. We aim to capture growth by supplying eco-friendly products and services that comply with tougher global environmental regulations and contribute to progress toward the SDGs. We also see rising opportunities in solutions that ensure stable inspection quality and strengthen traceability.

Refer to our website Thermal Media



# RICOH Futures

**Balancing rapid monetization and medium- through long-term development of new businesses that help resolve social issues**



**Kazunori Kobayashi**  
President  
RICOH Futures Business Unit

## Fiscal 2025 Focuses

- 1 Accelerate business growth and monetization through strategic concentration and effective portfolio management
- 2 Develop businesses harnessing proprietary technologies in the fields of optics, image processing, AI, inkjets, and materials
- 3 Accelerate business and technology development by co-creating with customers and partners

### Main Businesses and Functions

1. Smart Vision business: Provides task-specific solutions employing 360-degree data
2. Biomedical business<sup>1</sup>: Supports drug discovery and regenerative medicine by tapping iPS cell differentiation and mRNA design and manufacturing technologies
3. Inkjet Battery business: Draws on proprietary jetting technology to develop battery material printing equipment

## Market Environment and Fiscal 2024 Review

Japan's declining labor force is fueling demand for greater productivity and workplace digitalization. A shift to a decarbonized, circular economy and expectations for longer healthy life expectancies are driving growth opportunities. Ricoh cultivated its business in response to the efforts of Japan's Ministry of Economy, Trade and Industry to foster industrial digitalization, the creation of storage battery production sites, the commercialization of advanced batteries, and moves to build and reinforce the biopharmaceutical development and manufacturing infrastructure. The Smart Vision business began providing services to leading housing manufacturers and partnered with cloud service companies specializing in construction project management to bolster its construction industry business and become more profitable. The Biomedical business took advantage of its inclusion in a national project in Japan to expand production lines and contract work. As part of portfolio management reviews, it terminated the PLAiR environmental materials business to concentrate on growth areas.

## Current Challenges and Fiscal 2025 Initiatives

While we have already identified growth areas, our challenge is to balance monetization speed and investment efficiency. For those growth areas, we will set clear investment priorities and limits, drive early monetization, and cultivate partnerships to unlock customer value beyond what we can do independently. In the Smart Vision business, we launched the RICOH360 Business Package to help diverse worksites adopt digital processes. Drawing on the RICOH360's robust record in the construction and real estate sectors, where we combine 360-degree cameras and cloud services, we are expanding into new industries to secure new customers and drive business growth. In the Biomedical business, we aim to win more clinical trial drug projects from pharmaceutical companies and academic institutions that recognize our technological prowess. We are expanding our business and creating new value by supporting the development of innovative medicines. The Inkjet Battery business is collaborating with partners to accelerate proof-of-concept work on printed manufacturing technology for battery materials. We are building the foundations for full-fledged business expansion by securing vital technologies.

### Medium- to Long-Term Risks, Opportunities, and Responses

We are working with strategic partners to develop and deploy new use cases in untapped markets to cater to a growing requirement to digitalize sites using 360-degree data. We are addressing Japan's rising need to strengthen drug discovery by combining the expertise of the wholly owned Elixirgen Scientific, Inc., with proprietary technologies to drive drug discovery support and build foundations for producing clinical trial drugs. In the expanding battery market, we are lowering environmental impact and materials costs by employing our groundbreaking digital manufacturing processes and leveraging open innovation, thereby adding new value in battery manufacturing.

### RICOH360 Business Package

This construction and facilities management solution supports digitalization and streamlines operations. It draws on our image processing and optical technology strengths to combine our 360-degree cameras with cloud services to centrally record, share, and manage on-site information. This enhances site visibility and accelerates decision-making. The package includes camera support and implementation assistance, slashing operational times and costs associated. Specializing in 360-degree content, this unique package helps reduce site workloads while enhancing headquarters operational efficiency to generate new value.



Refer to our website Drug Development Platforms (iPS Technology, RNA CDMO, Bioprinter)