

Financial Results Briefing Material 7th term, Q2 ended June 30, 2024

Neural Group Inc. August 9, 2024

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Financial highlights of FY2024 (7th term) Q2

- [Summary] Following the establishment of proprietary AI services in FY2023, both revenue growth and profitability strengthened significantly in FY2024. Business continued to expand steadily into Q2, with profitability reaching the break-even point. Profit generation is now in sight starting from Q3.
- [Sales] Q2 FY2024 sales reached 880 million yen (+14.0% YoY), driven by partnerships with top domestic and international companies, enhancing both technology and services.
 - In June 2024, we joined NVIDIA's Partner Program, "NVIDIA Partner Network". By utilizing NVIDIA's cutting-edge GPU servers (NVIDIA DGX Station), Metropolis software, JetPack SDK, etc., AI inference on edge devices has been significantly accelerated.
 - Launched the "KizunaNavi" 1on1 support service, jointly developed with Sony, utilizing edge AI and SaaS systems. By combining video/audio analysis AI and generative AI, the service helps solve 1on1 meeting challenges and supports employee engagement and growth.
- [Profitability] Sales of proprietary AI services led to significant efficiency improvements in R&D and sales expenses, quickly enhancing profitability.
 - Reached break-even in Q2 (with operating profit in June). After about two years of business investment starting from Q4 FY2021, we successfully shifted to the profit and cash generation phase (investment recovery phase).
 - While sales grew by 14% YoY, SG&A expenses were reduced by 144 million yen (576 million yen annualized), significantly improving the break-even point.
 - Contribution margin exceeds **60%**, supporting profitability beyond break-even and expecting **sharp profit increases** moving forward.
 - Exchange rate for imports and procurement of NVIDIA edge devices and LED components is assumed at 160 JPY/USD. The recent yen appreciation is expected to be a positive factor for second-half results.
- [Growth Strategy] From the second half of FY2024 through FY2025, we will actively pursue profit expansion and strengthen our technology and business models.
 - Drive profit expansion through scaling of proprietary AI services.
 - Strengthen recurring revenue models and aggressively expand SaaS businesses such as KizunaNavi.
 - Integrate cutting-edge AI technologies in image and audio fields into our services and continue researching generative AI.

Overview of Neural Group

- Financial highlights and business model
- Growth strategy



Management team



Founder & CEO, Roi Shigematsu,

- Partner at McKinsey & Company.
- · Led private equity investments at Bain Capital.
- Advisory Board of The Faculty of Engineering, The University of Tokyo (to present)
- Member of Keizai Doyukai (Japan Association of Corporate Executives) (to present)
- M.S. (Engineering), The University of Tokyo



Advisor, Yutaka Matsuo

- Professor, Artificial Engineering Research Center, Graduate School of Engineering, The University of Tokyo
- President, Japan Deep Learning Association; Expert Member, Council for the Realization of New Capitalism; Chair, Al Strategy Council
- Outside Director, SoftBank Group
- Advisor to the Company since 2018



Senior Executive Officer Tsubasa Iwakiri

- · Led various consulting engagements at Accenture.
- CEO of Neural Engineering Co.
- Graduated from Doshisha University, Faculty of Life and Medical Sciences, Department of Medical Engineering.



Senior Executive Officer Masaaki Yamamoto

- Spent 15 years at Sony engaged in technology development and new business development.
- Earned a graduate degree from Tokyo Institute of Technology, specializing in Mechanical and Aerospace Systems.



Senior Executive Officer, CTO Takahiro Mikami

- Engaged in researches about image recognition (ResNet) and natural language (LSTM) models at Nomura Research Institute.
- Engaged in research on image recognition and natural language models at Nomura Research Institute.
- Ph.D. (Theoretical Physics), The University of Tokyo



Senior Executive Officer Taro Hitokoto

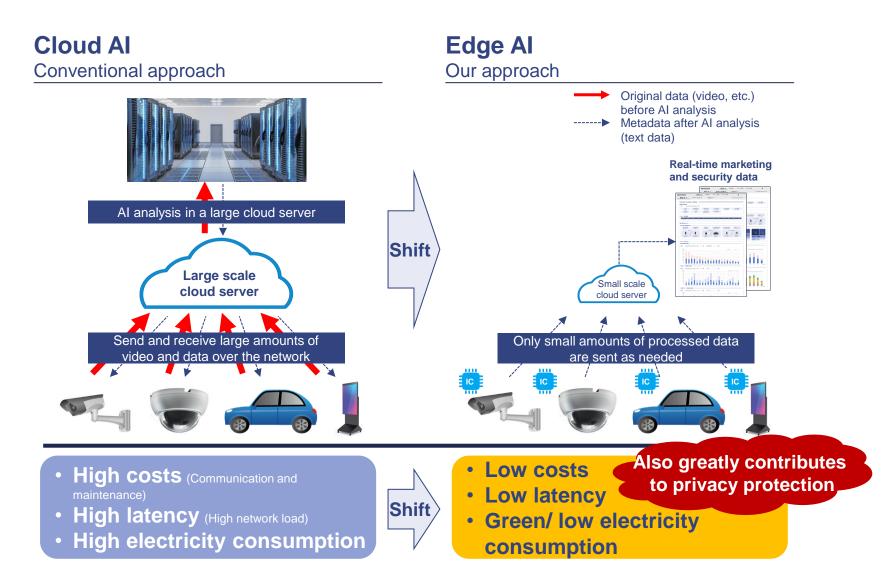
- Engaged in policy planning at the MLIT, covering areas such as parks and green spaces, urban planning, and sports facilities.
- M.S. (Agricultural and Life Science), The University of Tokyo

We develop proprietary AI libraries/ edge-related implementation technologies to enable AI smart cities





Al technology is evolving along with the industry's growth



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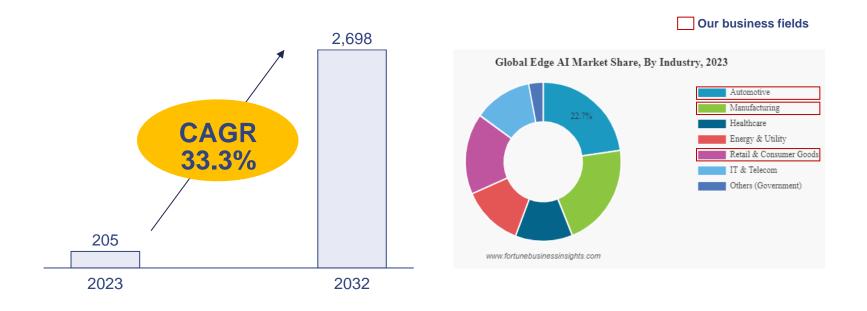
Edge AI has a large global market size and offers high growth potential.

The Edge AI market is growing at an annual rate of 33.3%

Global: Edge AI Market, in USD billions

We operate in many of the key growth segments

Global: Breakdown of Edge Al Market by Industry (2023)



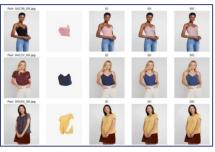
Source : https://www.fortunebusinessinsights.com/edge-ai-market-107023 (Last Updated: July 29, 2024)

Our AI libraries operate on a variety of technical standards, contributing as an Edge AI Platform developer



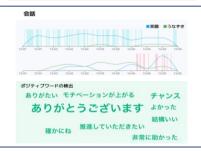
Continuing advanced AI research: By continually integrating new technologies into our services, we accelerate platformization and generalization, while also contributing to building barriers to market entry.

Image generation AI model



- Fully internalized image generation AI model.
- Enables creation of diverse content, supporting more creative advertising production.

Edge Al voice system



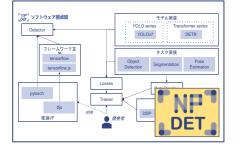
- Real-time analysis of user speech within edge devices.
- Natural language processing enables user feedback. Kizuna Navi development and release.

Multitask Al model



- Development of a multitask AI model integrating separate models.
- Reduced memory usage by ~50%, enabling faster AI recognition and miniaturization for edge devices.

Accelerating next-generation AI model development



- Building an Al model development platform.
- Able to implement cutting-edge academic methods with less than 1/10 of the conventional effort.
- Speeding up the cycle of additional learning and application to commercial services.

Uncompromising AI accuracy



- Conduct AI accuracy research and apply results to commercial services.
- Achieved stable detection accuracy and robustness even in abnormal environments, especially in data parks.

Neural Platform



- Real-time management of numerous online-connected edge Al devices.
- Enables automatic program updates and AI model updates remotely.

Cutting-edge Al technologies, developed in academia, are rapidly implemented and integrated into commercial services through remote updates.

- By standardizing Al models and core technologies **across services**, services are generalized, contributing to lower implementation costs and improved company profitability.
- These initiatives contribute to higher entry barriers and enhanced customer retention.

Neural Group solves social issues in cities through Edge AI and enhances spatial value.



Edge AI & Smart City Solutions

Mobility, traffic control



Digi Thru

Safety and efficiency using Edge AI



Fashion trend analysis using image AI



Number plate and vehicle detection Work style reform and human capital utilization



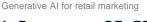
AI advertising media for luxury apartments



Generative AI utilization and web generation

Urban Foot Traffic





NeuralVision



We build innovative AI services in-house and provide them to our customers.

Providing services for smart city development using Al cameras. 🚵 Digi Park



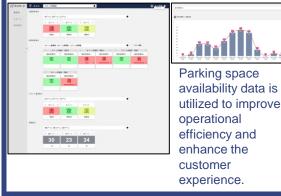
For outdoor flat parking lots, a single camera can capture over 100 parking spaces.



3

Congestion analysis based on line counting at parking lot entrances and exits is also available.

Real-time availability management system for facility managers.



Linking data to the facility website.



Customers can check parking availability in advance on their mobile devices.

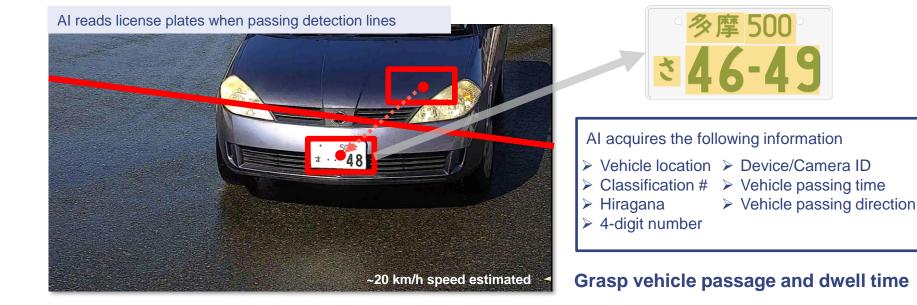
Guiding drivers on-site to streamline traffic flow within parking lots.

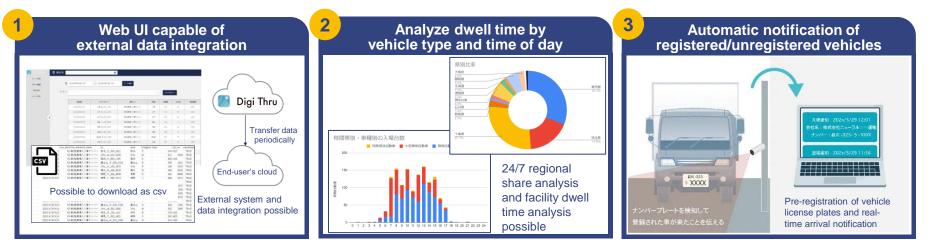


Real-time on-site traffic control.

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Visualizing vehicle movement and stay information through license plate analysis of moving vehicles.

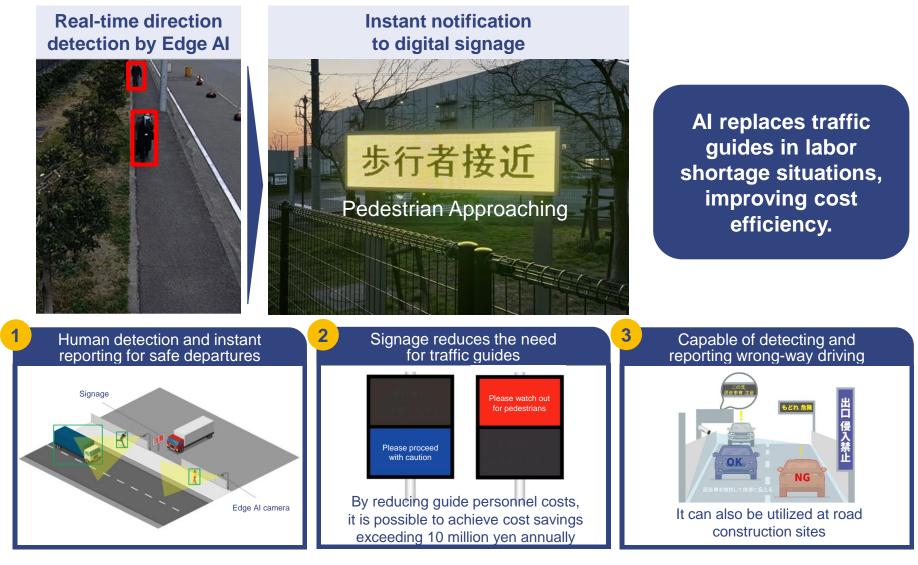




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Digi Thru

At parking lot exits, roads, etc., real-time detection and **Edge** Alert notification of pedestrians and vehicles by direction is possible.



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NEURAL × SONY

Released a 1-on-1 support service to improve employee work comfort and accelerate their growth.

1-on-1 support services **Kizuna**Navi

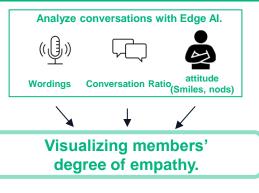
KizunaNavi uses state-of-the-art AI analysis technology to improve the quality of 1-on-1 meetings.

By facilitating effective 1-on-1s, we support the significant enhancement of corporate and organizational well-being.





Improving managers' interviewing skills.



Facilitating continuous improvement of 1-on-1 meetings.

Access past 1-on-1 notes anytime.	採着ワード頻度	ポジティブワードの頻度
Review AI evaluation	2.1 m/分 メンバー平均:2.1回/分 戦後的知識的:3.0回/分	0.3風/分 メンバー学校:0.8回5/32 電話的な回答:1.4回732
history to continuously improve the quality of 1- on-1 meetings. Strengthen organizational capabilities.	549-6588 7.8 m/s	
	x5r1-979 RESPONDER 908-000 3.80/99	
	-100 0 K - 1 2 3 4 5 メンバー平洋 現金内10 回知	

Top share in Japan with more than 12,000 LED signage installations



NeuralVision

- Unparalleled installation track record Experience in a wide variety of industries, including large corps, government offices, commercial facilities, and merchant stores.
- Unparalleled track record of stable operations

Stable operating track record throughout Japan, including cold, hot, and humid regions.

Flexible contract forms

Flexible purchase formats such as lease agreements and credit/cash purchases.



Generative Web

Expanding Al-driven web businesses with ChatGPT.

Feature 1 Automatic Blog Feature 2 Multilingual Conversion Generation Function 3: Word-of-mouth Feature 4 SEO **Automation** auto-reply 車な口賀での運作 * 2100 ジュアルな口鹸での道信文 けん、口コとありがとうござい# 除れを尽くする場後は、言こりにも すよね、物会中に減みを感じなくて お客様がリラックスして静雨を受 けるように心がけています。料金 英記いただけているようて嬉し や後もmotoもとさんにとって快速を空間を 使然できるよう、スタッフー間努力してまい ります。またのご来店をらよりお待ちしてお # #1-7 # #4-10 # #11-10 丁寧orカジュアルで クチコミ返信文をAIが作ら

Generative Web powered by ChatGPT

- Leveraging the extensive sales network of Neural Marketing Co. (a wholly owned subsidiary) and our AI development capabilities, we launched a new web page business.
- Started sales in May 2023, quickly commercializing generative AI beyond just research and development.

Partnered with many public and private organizations to promote Al services through an extensive network.



Appearances at seminars/ events

Al technology

- Tokyo Data Platform Convention Professional Advisor
- RX Japan NexTech Week2022 [Fall] Lecture title "Smart Cities Today"
- Macnica: Possibilities in Retail for Image Recognition AI Speaker on Image Recognition AI
- Al Innovation AWARD2022 "Future envisioned by Smart Cities"
- HONGO AI 2021 Judge
- JR East Mobility Transformation Consortium

Urban planning

- Shibuya Ward Kitaya Park Jinnan Market Thinking about the future of Shibuya Park! Speaker
- Muroran City DX Promotion Forum Panelist for "Connected Smart City" session
- "Roadside Station Murayama" Development Basic Plan Study Citizens' Meeting Advisor
- Regional Development College in Otaru Plans for Otaru, a new northern commercial city, based on a Digital Rural City State Concept Speaker
- National Ugoki Statistics Co-creation Idea Contest (Softbank) Awarded Excellence Prize

Collaboration with Academia

- DCON2023 Japan Technical College Deep Learning Contest Final round, technical jury
- Yokohama f College Special lecture
- Aoyama Gakuin University Special lecture

Apparel

- Ministry of Economy, Trade and Industry The 5th Study Group on Sustainability in Textile Industry Presenter
- Senken Shinbun "Fashion DX Day 2021"

Others

- **ROCK THAILAND #4** Presented in Bangkok, Thailand
- AWS Japan [IoT AWS Seminar for Engineers] etc. "Creating services using IoT Core"
- NTT Docomo Ventures Start-up Academy
- WIRED STARTUP LOUNGE "The Art of Innovation -Mirror World"

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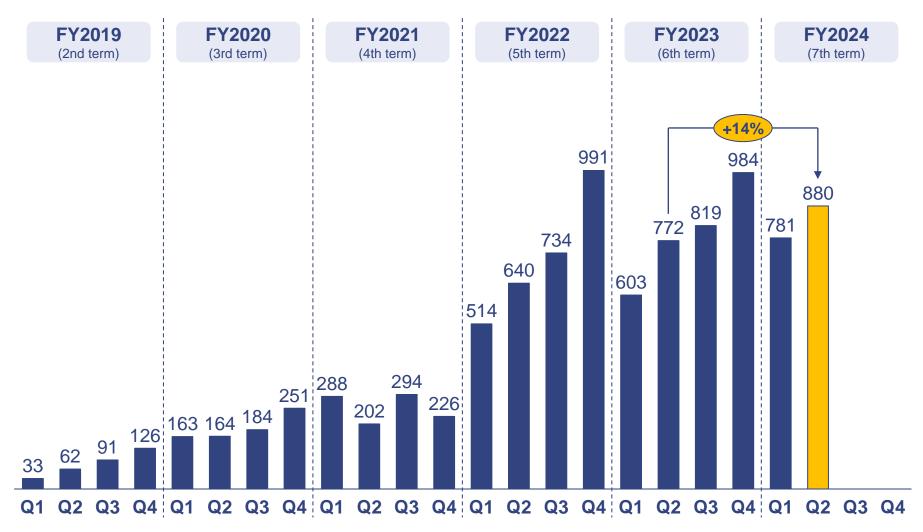
Consolidated financial results for the Q2 ended June 30, 2024 – Profitability recovering at a rapid pace

(JPY Millions)	FY2023 Q2 Actual	FY2024 Q2 Actual	Increase/ Decrease	Change in Percentage
Revenue	772	880	+108	+14.0%
Gross profit Percentage of revenue	507 65.7%	579 65.8%	+72	+14.2%
EBITDA Percentage of revenue	-177	31 3.6%	+208	-
Operating profit Percentage of revenue	-221	-5	+216	-
Net income Percentage of revenue	-172	-35	+137	-

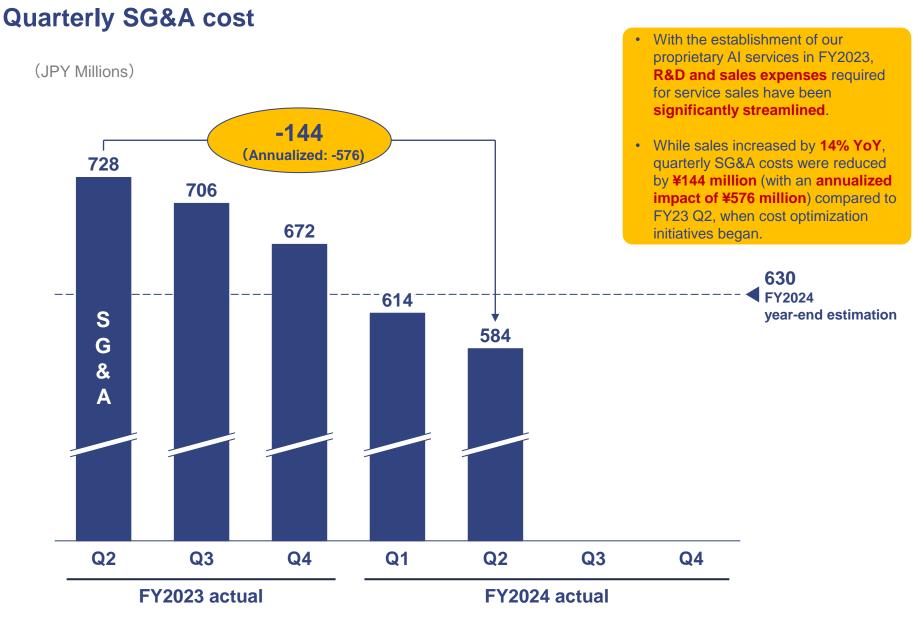


Quarterly revenue

(JPY Millions)

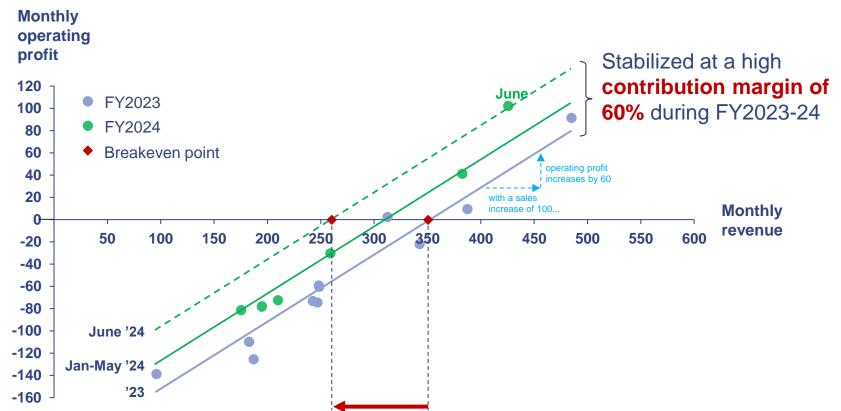






Relationship between revenue and OP (FY2023–FY2024 monthly results)

(JPY Millions)

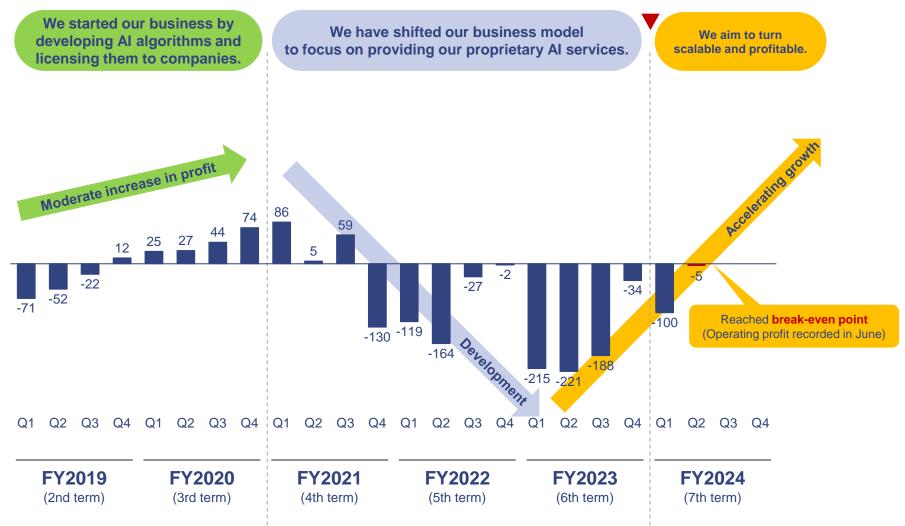


With the establishment of AI services, sales and development activities became more efficient. As a result, SG&A expenses decreased significantly, leading to a major improvement in the break-even point.

Evolution of our business models and quarterly operating profit performance.

(JPY Millions)

After six years since its founding, successfully established a scalable AI service structure.



Financial results for FY2024 Q2

Reached break-even point in Q2 (Operating profit was achieved in June, the final month of the quarter).

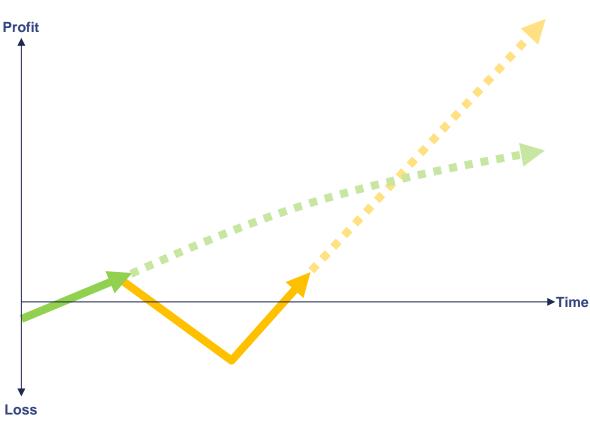
Successfully shifted to the profit and **cash generation phase** after two years of business investment from Q4 FY2021.

On track to generate profits starting from Q3 (Supported by a high contribution margin, a sharp increase in profitability is expected after break-even)

A favorable impact on future performance is expected, assuming an exchange rate of **160 JPY/USD** for imports and procurement of NVIDIA edge boxes and LED components, with further **positive effects** anticipated if the yen appreciates.

Strategic investments during this period, though resulting in temporary deficits, laid the foundation for future profit expansion and long-term growth.

[Image of profit expansion for each business model *1]



Our business model

[Al Service sale]

- Building an AI service requires not only the development of AI systems spanning a wide range of front-end and back-end elements, but also the establishment of a sales structure to reach end users.
- While offering high profit margins and the potential for significant growth through scaling, it requires upfront investments in the short term, which is a disadvantage.

[Al license sale]

- The developed AI algorithms themselves become a source of revenue, making short-term profitability achievable.
- However, as revenue tends to be directly linked to the number of personnel and licenses sold, future scaling may face challenges in achieving rapid profit growth.
- · Furthermore, after reaching a certain scale, growth often slows down or stagnates.

*1 This illustration shows a comparative image of scaling based on business model selection. This material does not forecast our future profits.

- Overview of Neural Group
- Financial highlights and business model
- Growth strategy

Our growth strategy

Revenue expansion

- Expand and accelerate profits by scaling proprietary Al services.
- Prioritize and focus on only the most attractive services.

Business model evolution

- Enhance the recurring nature of the revenue model.
- Actively strengthen SaaS businesses such as KizunaNavi.

Al technology exploration

- Implement cuttingedge AI technologies in image and audio domains into proprietary services.
- Continue research into generative Al technologies.

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APPENDIX

Corporate overview

Company Name : Neural Group, Inc.

Established : January 22, 2018

IPO: August 20, 2020 (TSE Growth : 4056)

Business Description : Developing AI services based on image and video analysis using proprietary AI algorithms and terminal processing technology.

Headquarter : Tokyo Midtown Hibiya 32F, 1-1-2 Yurakucho, Chiyoda-ku, Tokyo

Subsidiaries: Neural Marketing, Inc. Neural Engineering Co. Neural Group Thailand. ,Ltd

Branch locations : Tokyo, Osaka, Sapporo, Sendai, Nagoya, Takamatsu, and Hiroshima, Fukuoka, Bangkok

Number of employees : 239 (consolidated, as of June 30, 2024, excluding executives, parttime staff, temporary workers, and contractors)

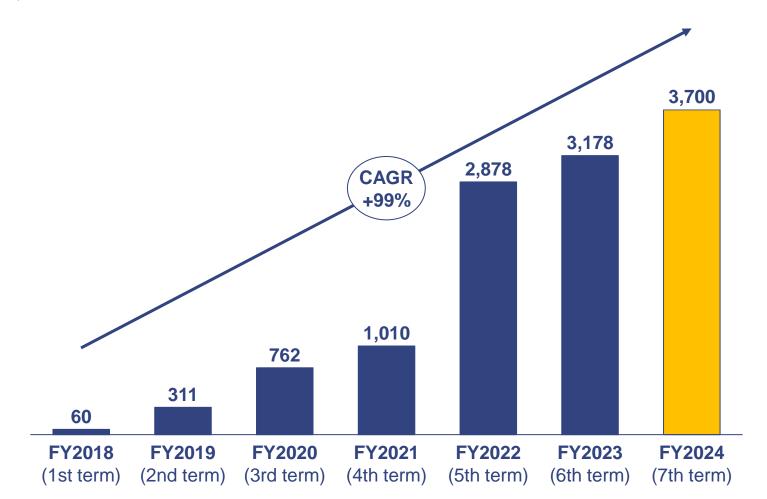
Membership and associations :

Japan Deep Learning Association (JDLA) Nippon Keidanren (Japan Business Federation) Satellite Earth Observation Consortium Forum for the Promotion of MaaS Social Implementation Japan Logistics Systems Association All Japan Parking Association Osaka Chamber of Commerce and Industry Osaka Smart City Partners Forum, etc.



Historical revenue performance

(JPY Millions)



Consolidated full-year financial estimate for FY2024

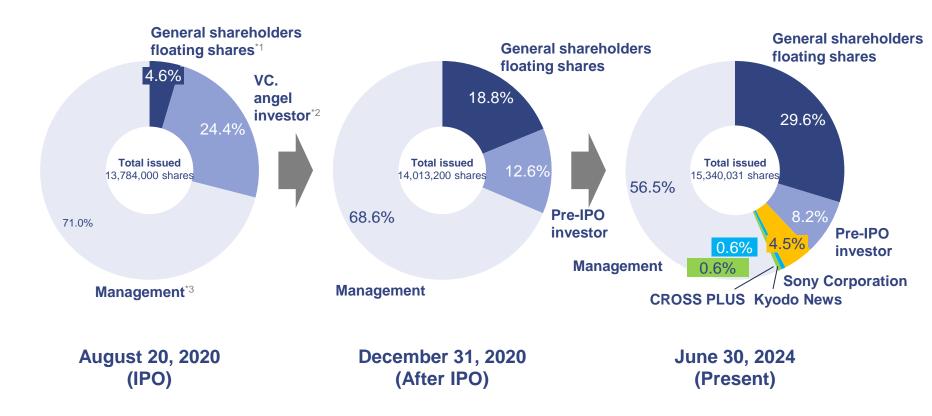
Progressing smoothly	FY2023	FY2024	Increase/	Change in
(JPY Millions)	Actual	Estimate	Decrease	Percentage
Revenue	3,178	3,700	+522	+16.4%
Gross profit Percentage of revenue	2,063 64.9%	2,550 _{68.9%}	+487	+23.6%
EBITDA Percentage of revenue	-490	180 4.9%	+670	-
Operating profit Percentage of revenue	-658	30 0.8%	+689	-
Ordinary income Percentage of revenue	-686	0	+687	-
Net income Percentage of revenue	-650	-120	+530	-



FY2024 Q2 – Balance Sheet

(JPY Millions)	FY2023	FY2024	
	June 30	June 30	
Current Asset	1,972	1,415	
of which, Cash and Deposits	1,198	657	
Fixed Assets	1,788	1,567	
Total Assets	3,761	2,983	
Total Liabilities	3,013	2,455	
of which, interest-bearing debt	2,650	2,070	
Net Assets	747	528	

Promoting capital and business alliances with operating companies while ensuring share liquidity by expanding floating shareholders



*1 Calculated based on the total number of 415,000 shares offered and 215,800 shares sold (including over-allotment) as well as the number of shares sold by shareholders, management and others since before the listing, which accounted for 13,784,000 shares of the total number of shares issued as of August 20, 2020.

*2 Shares held by shareholders (VC investors and angel investors) since before the company's listing, as recognized as a result of the company's own research.

*3 Number of shares held by the Company's management

Update the world for a better tomorrow **Source 19 Neural Group, Inc.**

We named our company "Neural Group" to express our desire to provide inspiring services that transcend boundaries across a wide range of fields through the development of cutting-edge technologies, including AI. We aim to leverage edge AI technologies in both real and virtual spaces to help create an exciting future society in various areas such as smart cities, urban development, work style innovation, and entertainment.

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Handling of the material

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