

Financial Results Briefing Material FY2020 (ended Dec 31, 2020)

Neural Pocket Inc. February 12, 2021





Business overview

- FY2020 performance
- Business highlights
- FY2021 forecast

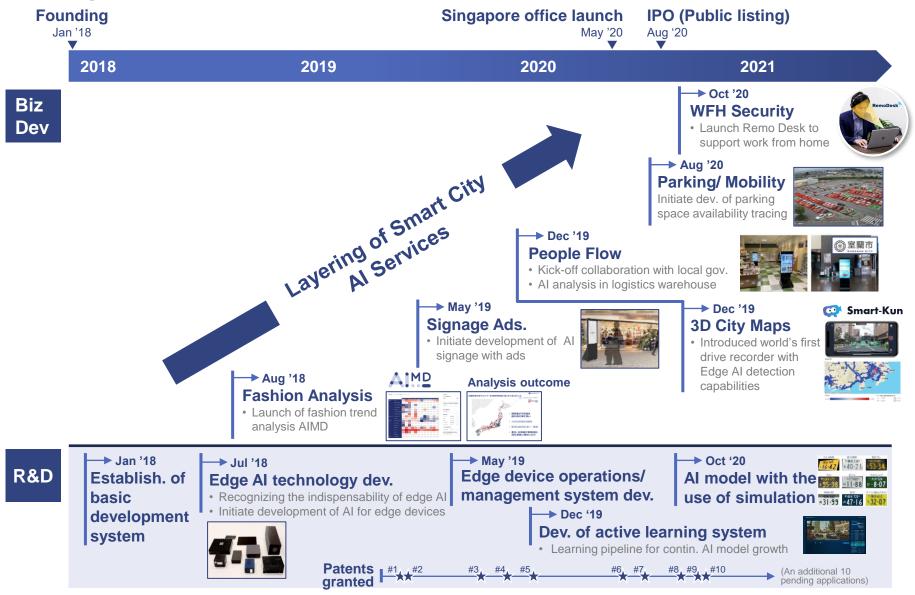


Company information

Company	Neural Pocket Inc.					
Established						
Location	Headquarters Tokyo Midtown Hibiya, Hibiya Mitsui Tower 32F, 1-1-2, Yurakucho, Chiyoda-ku, Tokyo, Japan Singapore branch 9 Straits View, Marina One West Tower, #06-07, Singapore 018937					
Representative	Roi Shigematsu					
Employees	38 (as of Dec 2020 end)					
Capital	18.5 million JPY (as of Dec 2020 end)					



History of Neural Pocket





What Neural Pocket is trying to achieve

Neural Pocket provides digital services for physical spaces to enhance our real world experiences through introducing intelligent AI cameras

"AI Smart City Revolution"





A new major market is being created in the field of smart cities

Global Smart City market size is approx. 100-200 trillion yen

Research Company / Report Name	Global Market Size ^{*1}
Allied Market Research Smart Cities Market by Functional Area : Global Opportunity Analysis and Industry Forecast, 2018 – 2025	In 2025 2.4T USD
Mordor Intelligence Smart Cities Market - Growth, Trends, and Forecast (2020 - 2025)	In 2025 1.7T USD
IMARC Smart Cities Market: Global Industry Trends, Share, Size, Growth, Opportunity and Forecast 2020-2025	In 2025 1.0T USD
Markets And Markets Smart Cities Market by Smart Transportation, Smart Buildings, Smart Utilities, Smart Citizen Services - Global Forecast to 2023	In 2023 0.7T USD

Asia is the source of growth for smart cities

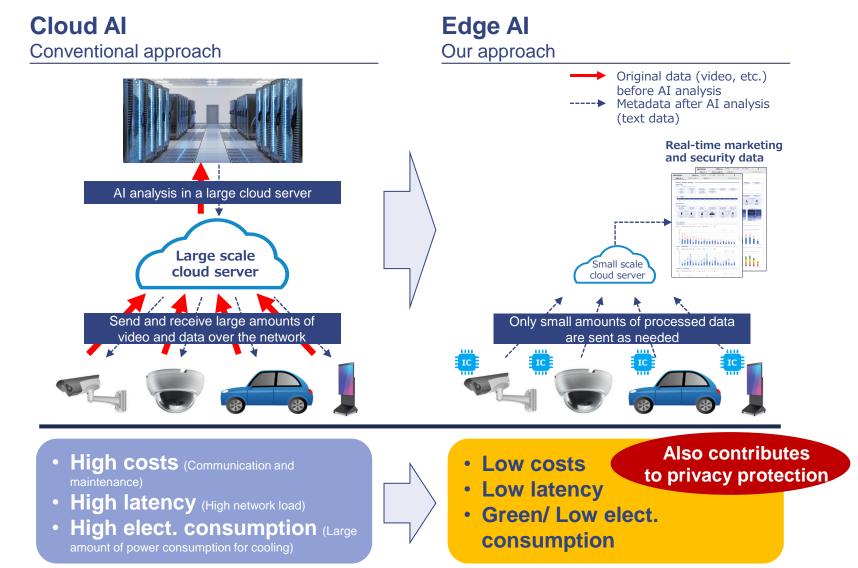
Smart City Market Growth Rate by Region (2019-2024)



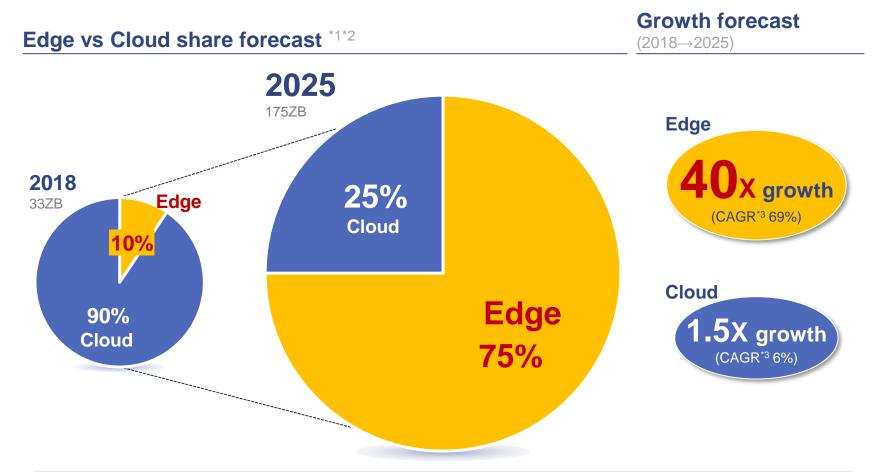
Source: Mordor Intelligence

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Edge AI is a technology that solves many of the problems traditional Cloud AI faces



The world is undergoing a large shift from the Cloud to the Edge



- Data created and processed at the edge today is limited, accounting for only 10% of all data
- However Edge is expected to expand rapidly by a factor of 40 due to the squared effect of "growth in total data volume" x "increase in Edge share," equivalent to a CAGR of 69%
- Cloud computing will be limited to a moderate expansion of 1.5x, as its share within all data will decline

*1 Source for Edge share: What Edge Computing Means for Infrastructure and Operations Leaders, Gartner (Oct 2018).

*2 Source for amount of data: Data Age 2025 Whitepaper, IDC (Nov 2018), accounts for all data created, captured, and replicated globally *3 Compound annual growth rate

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Data volume will grow rapidly in smart cities, accelerating the migration from the Cloud to the Edge

Gartner

Cloud becomes inefficient as data volume increases

Computer power will become distributed through Edge processing

Smart city developments will accelerate Edge computing

andreessen Horowitz



Peter Levine (General Partner)

Neural Pocket

Data explosion associated with IoT will cause the end of Cloud computing

The role the Cloud will play is limited in the future

Machine learning will be pushed to the Edge, whilst the Cloud will store data

*1 What Edge Computing Means for Infrastructure and Operations Leaders, Gartner (Oct 2018) *2 https://a16z.com/2019/11/15/the-end-of-cloud-computing-2/ Copyright © Neural Pocket Inc. All Rights Reserved.

We have developed and provide six smart city-related services

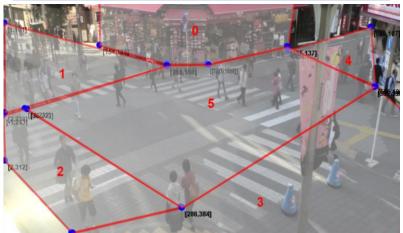


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People flow and crime prevention services are essential for smart cities

Face recognition for security and Measurement of people flow Identification of people flow lost child detection in outdoor public spaces with temperature detection 監視システム スマートフォンの 写真から迷い子さがし 11-04-2020 Wed 17:53:55 から施設管理 TIN I EURAL POCKET 人物データ登録 4000 人物データ登録 3000 Average number of People flow detection is the pedestrians per hour most basic technology in 2000 人物検知 urban smart cities and is 1000 used across all services ALM Monocular camera for people flow and depth detection (patented) Human flow and density detection in large facilities





Parking and mobility services are universal across countries



Commercial parking SMARK Isesaki operated by Tokyo Tatemono (left: daytime, right: nighttime)



Parking management system screen

Proprietary parking management system software

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Logistics facilities managed by Prologis

Automatic generation of license plate learning data through computer graphics





Motion blur

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3D city mapping services accelerate mobility services





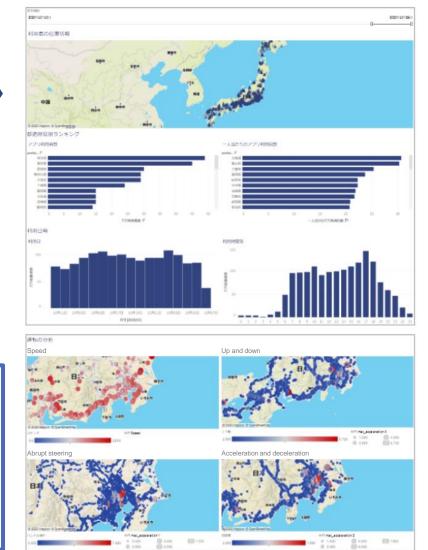
Collects anonymized data from 100,000+ users on a daily basis, to then be provided to customers

Sensors built into smartphone

- GPS (Latitude and longitude)
- Speed
- Acceleration: X-axis: Depressions and holes in the road
- Y-axis: Sudden steering Z-axis: Sudden acceleration and braking
- Altitude
- Slopes

Al analysis through external camera info^{*1}

- Information on surrounding objects : Cars/trucks/buses (license plates, colors, distances, size), bicycles, motorcycles, traffic lights, signs, pedestrians, railroad crossings, parking lots, parking prices, gasoline prices
- Road information: Missing traffic lines, road widths, and other falling objects
- Weather information: Wiper behavior and raindrops





Our AI signage connects real advertisements to the Internet



Original advertising and content management system (CMS)



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Guest traffic analysis conducted within signage



Edge computing enables automatic data collection w/o obtaining personal information

RemoDesk ensures safety and security for WFH operations





- By simply logging into the link from a web browser, the user's PC's camera access is obtained, and the AI detection is operated at the edge within the PC utilizing the user's PC CPU, maintaining user privacy.
- · No footage shared outside of PC









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Peeking S

Smart phone usage



Concentrated,



Eating

Raising hand

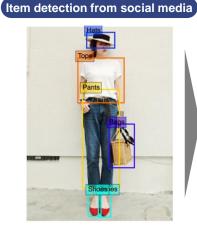


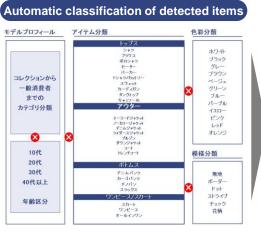


Smile vs fatigue



Fashion analysis enables product planning, EC marketing, and O2O^{*}







Winner of Deep Learning Business Award





Neural Pocket

Awarded for contribution to the reduction of incinerated clothing waste and improvement of gross profit margins at apparel co. (contribution to ESG)

Al MD engine also used to analyze consumer personas (business vs casual) in public spaces

Contributions across the country



* An abbreviation for Online to Offline, a marketing strategy that links online and offline to promote purchasing activities.



Our business model

	Contracted Development (Al delivery)	SaaS/ Licensing	Co-Business Development
Business model description	 Develop solutions based on customer requirements Submission of software, including intellectual property Need to continuously propose and receive orders for new projects 	 Providing solutions through a subscription model Number of new subscribers and retention rate are measures of business growth 	 Share sales by developing medium-to-long term, large-scale businesses jointly with multiple companies Leverage the strengths of each company's different assets to create synergies
Our services	-	People Flow Parking/ Mobility Fashion Analysis (Description of the security o	Signage Ads
Value provided by Al companies As a result, the durability and scale of sales	Low	Mid - High	High

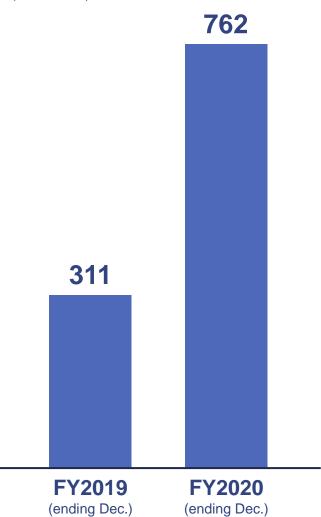


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Net sales grew by 144.9%

(million JPY)



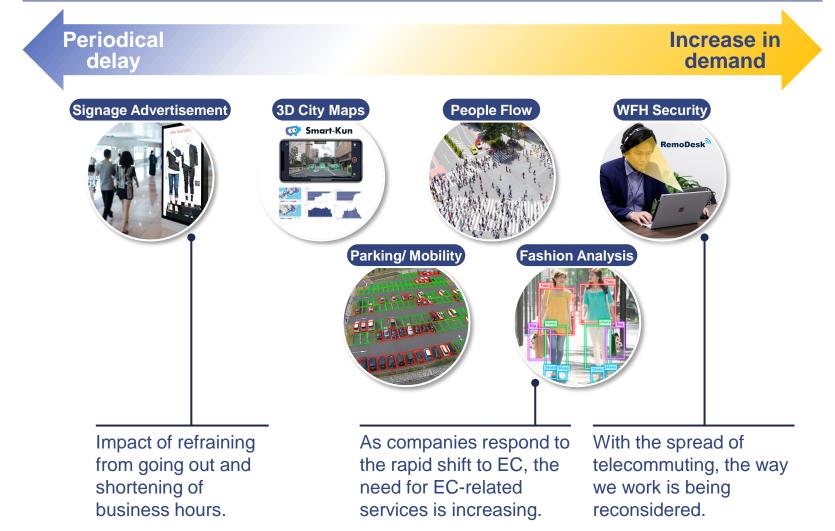
144.9% growth

Despite the rapid changes in social conditions caused by the new coronavirus, the company has achieved sales growth largely in line with its business plan, thanks to its strong customer base and diversification of services.



The impact of Covid-19 has varied across services, but the overall impact is balanced

Impact of Covid-19 across businesses in FY2020





FY2020 ending Dec. Statement of Income

(million JPY)	FY2019 ended Dec.	FY2020 ended Dec.	Increase (amount)	Increase (percentage)
Net sales	311	762	+451	+144.9%
Operating profine % of net sales	t -133	170 22.4%	+303	Turned profitable
Ordinary profit % of net sales	-139	148 19.4%	+287	Turned profitable
Net profit % of net sales	-139	147 19.3%	+286	Turned profitable

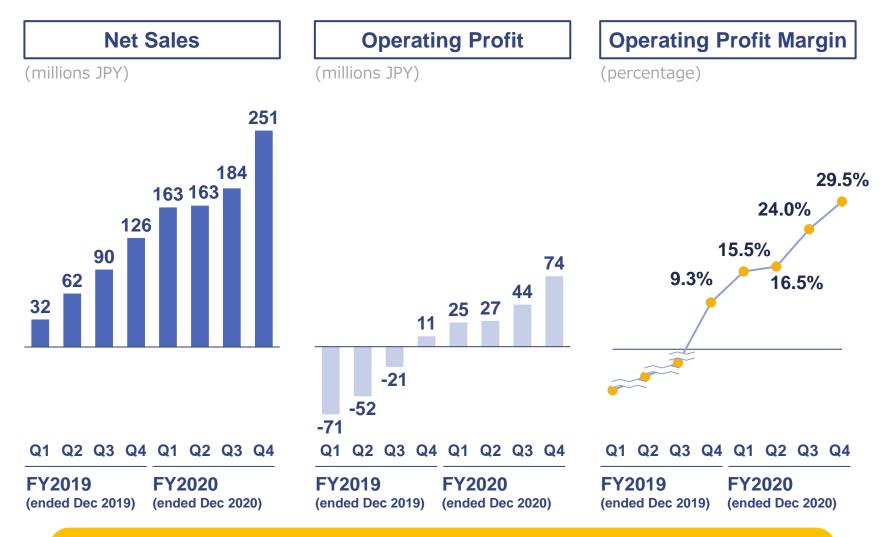


FY2020 ending Dec. difference from forecast

(million JPY)	FY2020 ended Dec. forecast	FY2020 ended Dec. results	Difference (amount)	Difference (percentage)
Net sales	776	762	-13	-1.7%
Operating profit % of net sales	t 165 21.3%	170 22.4%	+5	+3.0%
Ordinary profit % of net sales	139 17.9%	148 19.4%	+9	+6.5%
Net profit % of net sales	115 14.8%	147 19.3%	+32	+27.8%



FY2020 ending Dec. quarterly results



8 consecutive quarters of net sales and operating income growth



FY2020 ending Dec. Balance Sheet

(million JPY)	FY2019	FY2020	Increase
	ended Dec.	ended Dec.	(amount)
Total current assets	919	1,673	+753
Cash and cash deposits	825	1,424	+599
Total non-current assets	137	247	+110
Total assets	1,056	1,920	+864
Total liabilities	431	714	+283
Interest bearing debt*1	378	564	+186
Total net assets	625	1,206	+580

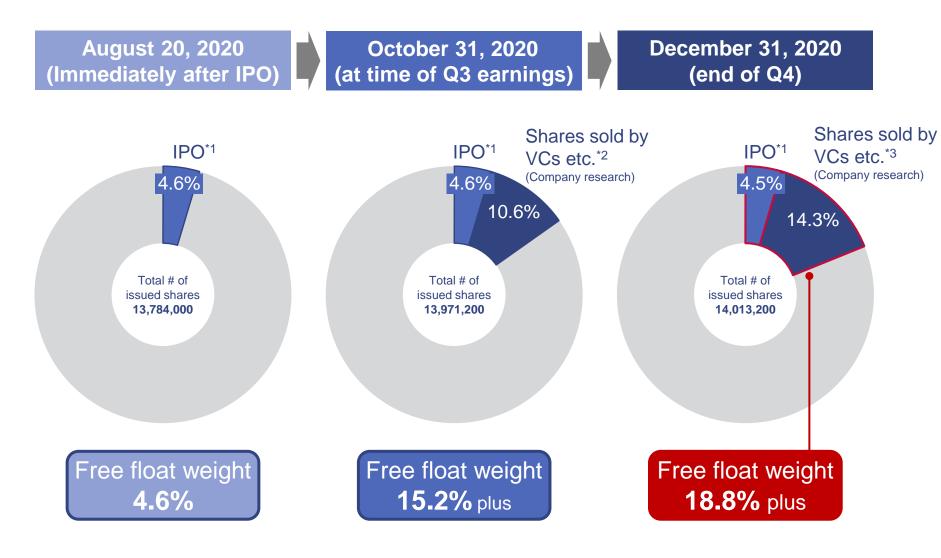


FY2020 ending Dec. Cash Flows

(million JPY)	FY2019 ended Dec.	FY2020 ended Dec.
Cash flows from operating activities	△198	138
Cash flows from investing activities	△46	△142
Cash flows from financing activities	860	603
Increase of cash and cash equivalents	615	599
Cash and cash equivalent at the end of period	s 825	1,424



Increase in free float weight

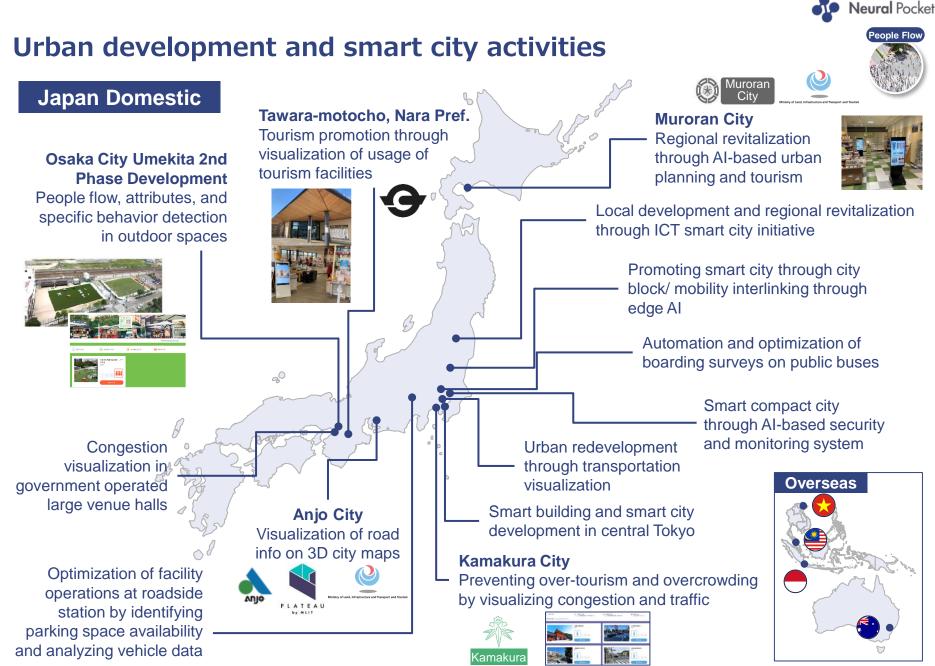


*1 Total 415,000 shares offered and 215,800 shares sold (including over-allotment) as a percentage of the 13,784,000 shares outstanding as of August 20.

*2 Company has confirmed 1,488,600 shares sold by major shareholders as of Oct 31, 2020. *3 Company has confirmed 2,009,300 shares sold by major shareholders as of Dec 31, 2020.



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Public Sector: Participating in "Japan 3D City Model" led by the Ministry of Land, Infrastructure, Transport and Tourism



ATEAU



People and traffic flow monitoring by AI analysis of images collected from existing cameras

In order to implement the human flow analysis technology in society, it is considered to be effective to use the existing cameras installed in the city for crime prevention purposes, etc. from the viewpoint of cost, however, the existing cameras do not always provide a suitable sensing environment for human flow analysis due to the angle of view and other issues. In this verification experiment, we will conduct a technical verification to see if it is possible to measure the human flow in the entire area by utilizing the video analysis technology based on AI, even if the existing cameras in the city were installed for other purposes.

Company name: Neural Pocket Corporation Location: Around Mikawa-Anjo Station and Shin-Anjo Station



Map the New World.

Until now, information on cities has been divided among different sectors, and there has been a limit to the information that can be obtained. However, in the future, the same approach will not be enough to keep up with the speed of change. Sustainable urban development, disaster preparedness, and pandemic preparedness.

In order to solve the problems that abound in society and maximize the potential of cities we need to integrate and visualize urban information in a cross-disciplinary manner. It is necessary to promote the digital transformation of urban management.

The construction of a world-class 3D city model, which will serve as the foundation for this transformation, is now underway. In 2021, under the leadership of the Ministry of Land, Infrastructure, Transport and Tourism, the construction of a world-class 3D city model will finally be realized.

Layers of information on urban activities can be layered on top of the virtual urban space. The scalability of the model will make it a platform for the accumulation of knowledge from all fields, both public and private. Furthermore, this information and knowledge will be made available as open data, and can be used by anyone.

The 3D city model will be the foundation for the coming Society 5.0. By integrating and visualizing urban information, it will become more than just numerical information. It will become meaningful information for the future society.

I believe that this is a big step toward a sustainable and livable society for everyone.

Map the New World. This experiment will create a new world.



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Private Sector: Deepening collaboration with real estate developers for parking lot control solutions



Example of initial installation

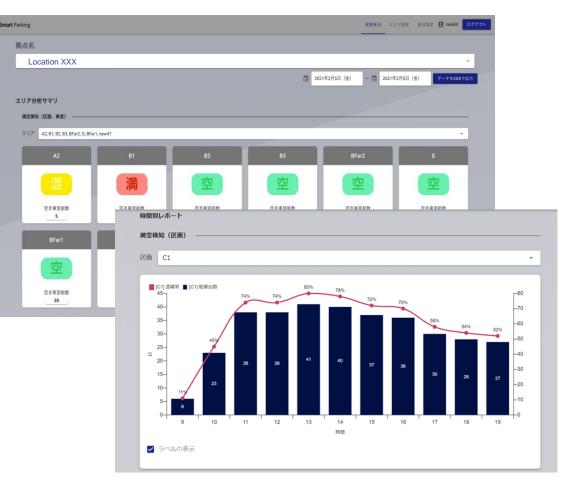
T O K Y O TATEMONO



PROLOGIS.



Live visualization of parking status



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Private sector: Collaboration with major real estate developer across multiple applications for people flow analysis

MITSUBISHI ESTATE

Collaboration in the area of logistics





- Collaboration in "Umekita Phase 2," a large-scale redevelopment project in Osaka City
- Starting in 2020, collaboration has begun with the demonstration of people flow analysis in the predevelopment area, in which the Ministry of Land, Infrastructure, Transport and Tourism and other developers are participating



• From 2020, we are accelerating our efforts and promoting collaboration to develop AI analysis and consultation services for tenants



🚺 Neural Pocket

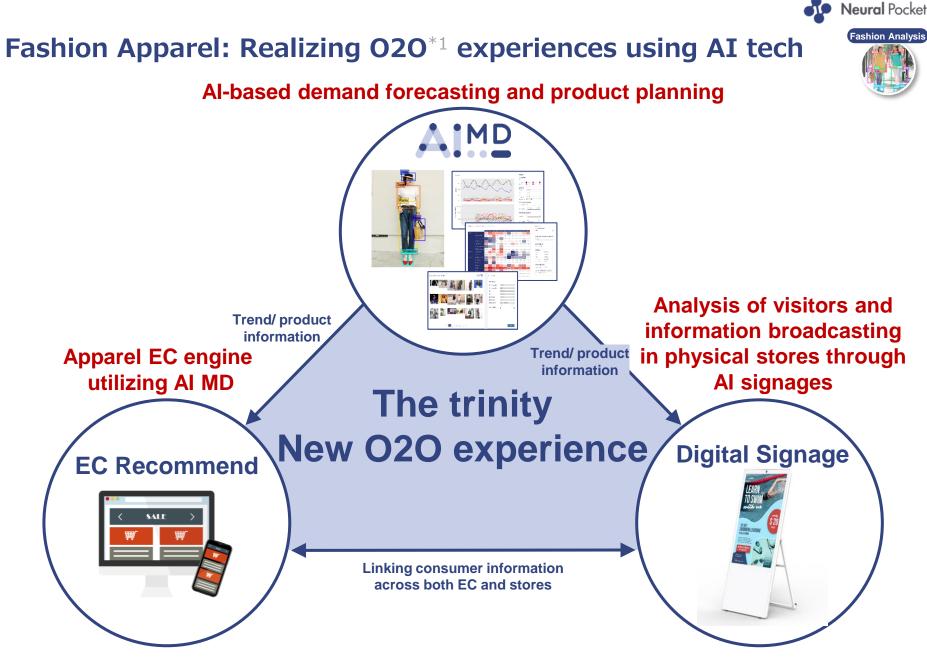
RemoDesk: Launched commercial provision of WFH call center support system



Commercial introduction underway

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WFH Security

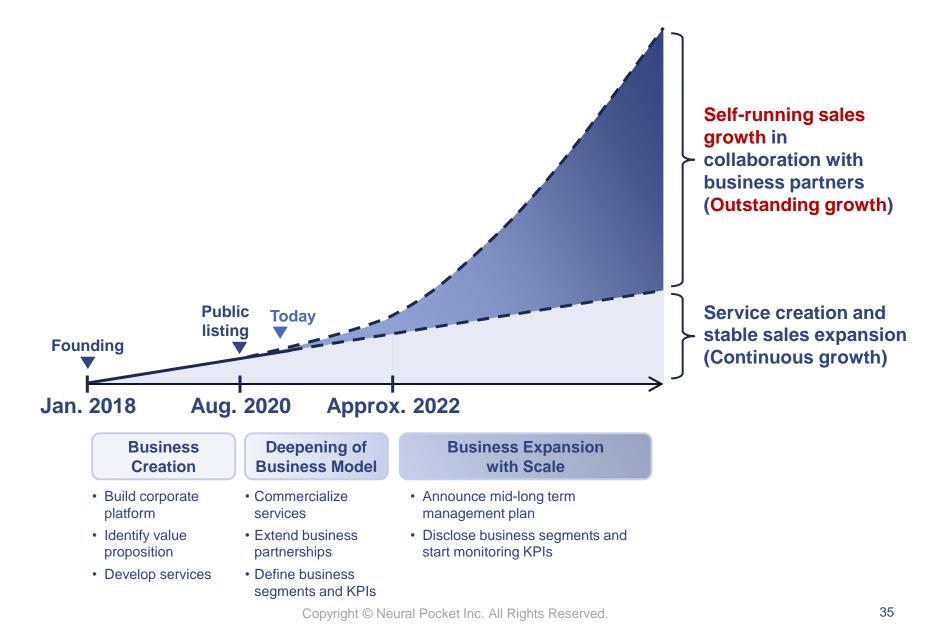


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Future growth strategy (Illustration of business growth)



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FY2021 ending Dec. forecast

(million JPY)	FY2020 ended Dec. results	FY2021 ending Dec. forecast	Difference (amount)	Difference (percentage)
Net sales	762	1,256	493	+64.7%
Operating profit	170	380	209	+122.5%
% of net sales	22.3%	30.3%	+7.9pt	
Ordinary profit	148	370	221	+149.5%
% of net sales	19.4%	29.5%	+10.1pt	
Net profit	147	280	132	+90.0%
% of net sales	19.3%	22.4%	+3.0pt	
			FY2020 Q4 run-rate net sales 1,004 million JPY ^{*1}	

*1 Calculated by multiplying FY2020 Q4 (Oct through Dec 2020) net sales of 251 million JPY by 4 to annualize



Disclaimer

Handling of the material

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