O Fiscal Year Ended March 2019 Financial Results Briefing

May 24, 2019 OPTiM Corporation President Shunji Sugaya





- 1. Company overview
- 2. FY3/2019 result review
- 3. FY3/2019 major activities
- 4. Earnings forecasts for FY3/2020

Disclaimer

All of the plans, forecasts, strategies, etc. described in this material are predictions based on information available at the time of creation, and are subject to variable factors, such as economic conditions, a competitive environment and the future prospects for newly introduced services. Accordingly, please be advised that the actual results of business performance may differ substantially from the projections described here. Market information and other statements contained in this report are based on information currently available, and we do not guarantee complete accuracy.



Company Overview

Company name	OPTIM C	Orporation (Tokyo Stock Exchange, first section, code number: 3694)				
Location	Head office:	OPTiM Head Office Building, 1 Honjomachi, Saga, Saga Prefecture				
	Tokyo head office:	21F Shiodome Bldg, 1-2-20 Kaigan, Minato-ku, Tokyo				
	Kyūshūkōdai-mae office:	Center of Iizuka Research and Development 103, 680-41				
		Kawazu, Iizuka, Fukuoka Prefecture				
Representative director	Shunji Sugaya (।	nunji Sugaya (Invited Professor, Faculty of Agriculture, Saga University)				
Established	Jun 8, 2000					
Capital Book closing	JPY 443 million March					
0						
No. of employees	229 (Regular employe	es, as of Apr. 2019)				
	Average age 33.9, 80% of employees are engineers					
Major shareholders	Shunji Sugaya, Nippon Te	legraph and Telephone East Corp., Fuji Xerox				
Content of business		ce support service business Platform Services, Remote Management Services, services)				



Corporate Mission

"We make the Internet as simple as breathing"

"We make sure network devices work for you."



OPTiM Corporation

President and representative director: Shunji Sugaya

The Internet has become an indispensable part of the infrastructure of our lives. Under the concept of "making the Internet as simple as breathing," OPTiM's mission is to remove the existing need for a certain level of IT literacy when accessing it, and to make it instead like the air that we breathe, unaware. Since our establishment, we engage in developing products that allow everyone to benefit from the opportunities and convenience the Internet brings.

OPTIM

The company continues to grow by providing the latest Al/loT/Robotics services in various industrial fields with its rich technological capabilities and business creativity based on its intellectual property strategy.

Features (Strengths)	Contents			
Intellectual property strategy	Development of functions, products, services, and business models based on patents (Our CEO won No. 1 as an individual in patent asset scale ranking in the information and communications field.)			
No.1 market share in Japan	"Optimal Biz" # 1 Share in Mobile Management confirmed by multiple market research firm reports			
Growth potential	More than 20% revenue growth each year. Invest much of the proceeds in R&D. Open an office in Silicon Valley (United States)			
Vendor Free	By developing AI, IoT, and Robotics technologies in-house, we can provide highly flexible combinations of services that are not tied to any specific IT vendor or technology. We don't lock in our customers like major domestic and overseas IT vendors.			
Unique position in the ICT industry	We propose and provide flexible service solutions that combine our own products with those of other companies while leveraging open source and third party technologies			



We are becoming a leading company in the Fourth Industrial Revolution



"OPTiM Cloud IoT OS" will strive to become the de facto standard in the 4th industrial revolution and OPTiM will be leading the fourth industrial revolution in Japan

We expand our AI, IoT and Robotics businesses more aggressively than in the previous fiscal year, as well as continue to invest intensively in these fields to advance necessary business development.

> OPTiM Cloud IoT OS lets anyone access the full power of AI and IoT. It is an all-in-one IoT Platform that allows you to collect, store and analyze data from IoT devices like cameras and sensors.





As a company that will play a central role in the "4th Industrial Revolution", we will continue to invest aggressively in R&D in the current fiscal year to the extent that ordinary profit will not be negative, as in the previous fiscal year. The current fiscal year will be a foothold to achieve the de facto standard with OPTiM Cloud IoT OS, which is gaining results.

In particular, we will promote our " \bigcirc × IT" efforts we have been making over the past few years. " \bigcirc × IT" rebuilds various industries using the power of IT technology.



OPTIM's Strengths: Intellectual Property Strategy

- OPTiM possesses abundant intellectual property
 - Shunji Sugaya is ranked No. 1 individual in patent asset scale ranking in the information and communications field. (As of the end of January 2015, research by Patent Result Co., Ltd.)
- · He was awarded the "Intellectual Property Achievement Award"
 - By Patent Office of METI in April 2018
- We are developing innovative activities that effectively utilize our intellectual property in all aspects, including entry into new business fields, business diversification, and global expansion











OPTiM's Strengths: Highest Market Share in Japan

Optimal Biz – Highest MDM Market Share – Expanding mobile potential

Optimal Bizはスマートフォンや タブレット端末のビジネス活用に おける幅広い課題を解決します

Information leakage, unauthorized use, the burden of mobile device management... Optimal Biz solves the challenges of using smart devices in the enterprise.



OPTiM's patented technology enables more efficient mobile device management

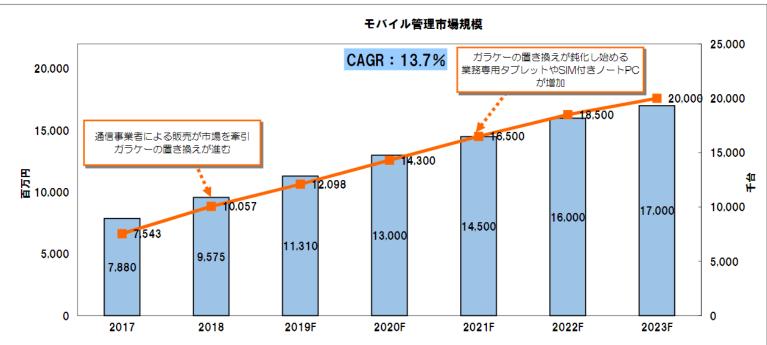
Optimal Biz's unique capabilities also meet more complex needs. This is why Optimal Biz is chosen over and over.



MDM domestic market

The MDM market was worth 8B yen ~ 10B yen as of fiscal 2018, and OPTiM has gained the de facto standard with a market share of 30 to 40%. Although a slight slowdown is expected after fiscal 2018, stable MDM market growth continues approximately at a CAGR (2018 - 2022) of 11% to 13%*.

*Calculated with reference to the survey reports of market research companies (Techno Systems Research, Fuji Chimera Research Institute, Mick Economic Research Institute)



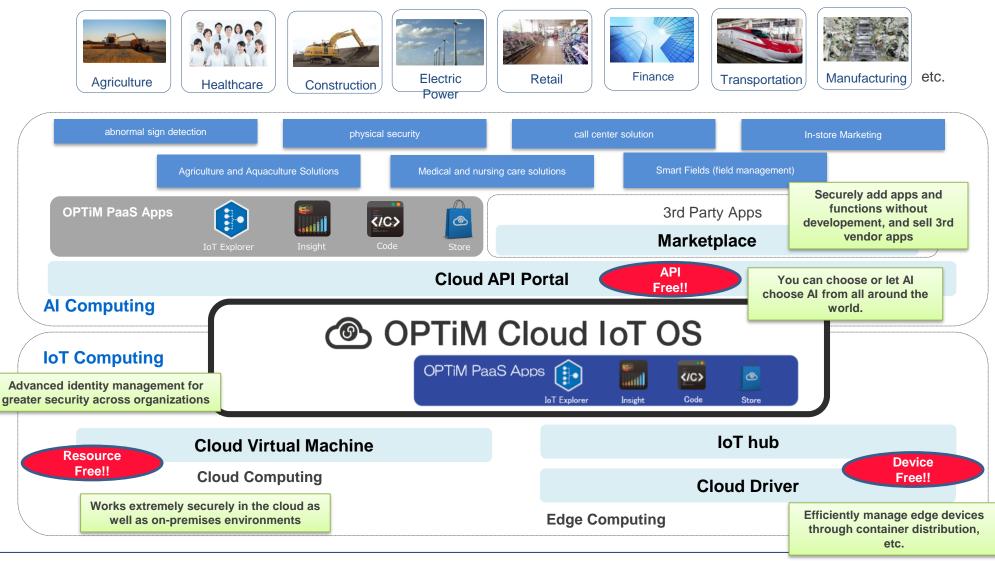
モバイル管理市場トレンド

Source: Techno Systems Research, Inc. Research Report "-2019 Endpoint Management Market Marketing Analysis 2018"



OPTiM's Strengths: Vendor Free

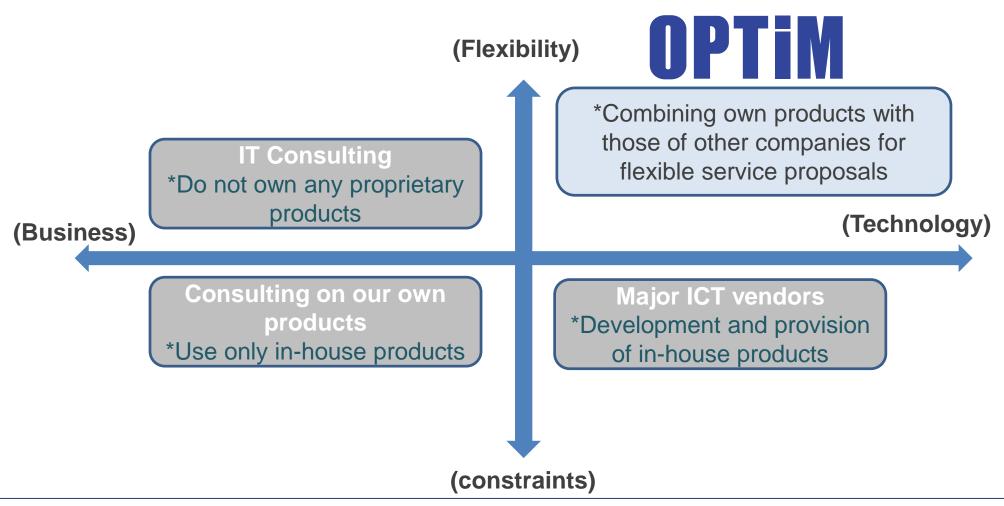
Various vendor-free products based on open platform "OPTiM Cloud IoT OS"





OPTiM's Strengths: Unique Position in the ICT Industry

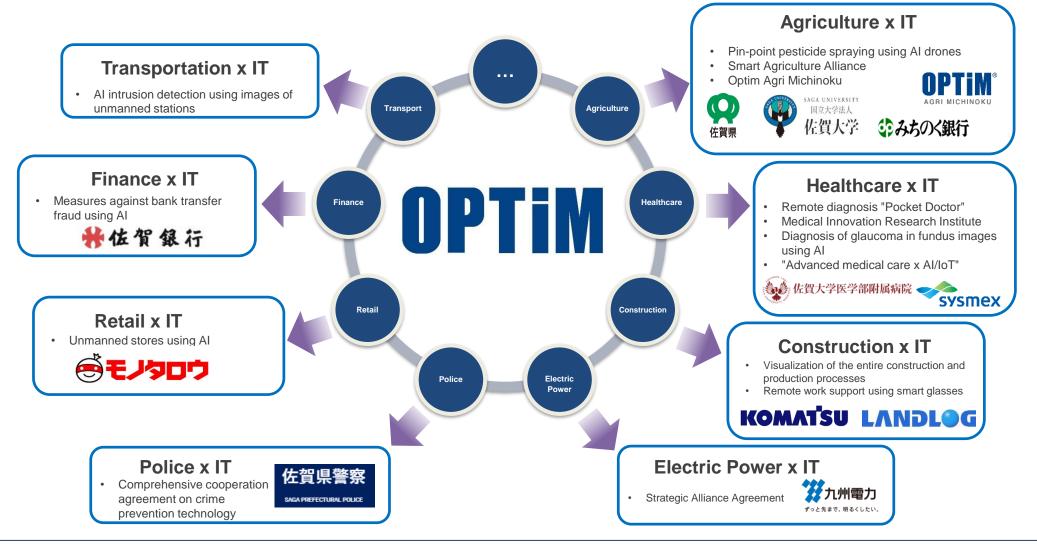
Capable of developing technologies related to AI, IoT, and Robotics, we can provide flexible service solutions while leveraging open source and other technologies.





O Specific efforts accomplished for $\bigcirc\bigcirc$ ×IT

We are developing a wide range of businesses that integrate cutting-edge technologies such as AI, IoT, and Robotics with various industries to create new value and solve problems.





FY3/2019 results review



FY3/2019 Results Review: Sales

Record sales achieved in each of the 19 terms since foundation Sales of JPY 5.4 billion achieved in FY3/2019, surpassing initial target of JPY 5.06 billion

License sales (stock sales accounting for more than 80% of sales) grew more than 20% YOY thanks to steady accumulation of licenses for existing services.

Customization sales (flow type sales are mainly from new service orders) achieved results of over 90% YOY.

As a result, an overall YOY sales growth of 29.9% was achieved.

Compared to previous year

(Unit : JPY million)



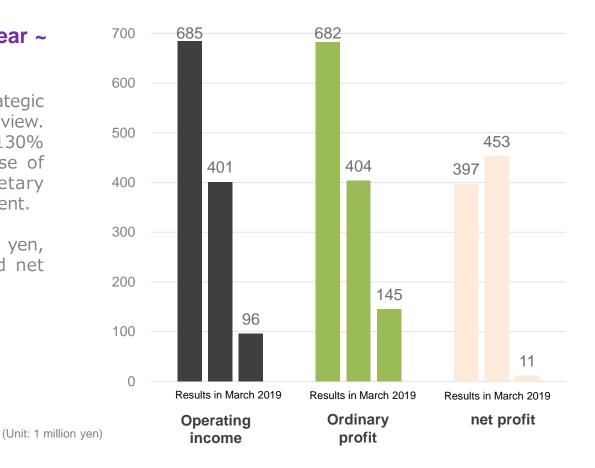


To become a leading company in the Fourth Industrial Revolution To AI, IoT and Robotics Active investment ongoing ~ Earnings are as planned for the full year ~

As in the previous fiscal year, we made strategic investments in R & D during the year under review. As a result, over ¥2 billion (Approximately 130% compared to the previous year, an increase of approximately 450 million yen on a monetary basis) was invested in research and development.

As a result, operating income was 96 million yen, ordinary income was 145 million yen, and net income was 11 million yen.

3-year profit performance





FY3/2019 major activities



New Services "OPTIM Cloud IoT OS" "OO x IT"



\bigcirc \bigcirc \times IT [OPTiM Cloud IoT OS] new service ~ Al Camera ~

"OPTiM AI Camera" with over 300 pre-trained models, Prediction service based on quantitative data analysis "OPTiM AI Prediction" announced



"OPTiM AI Camera": This is a package service that supports areas such as marketing, security, and business efficiency by collecting data from various types of cameras installed in different industries and for different purposes, such as stores and facilities, and analyzing images by utilizing pre-trained models.



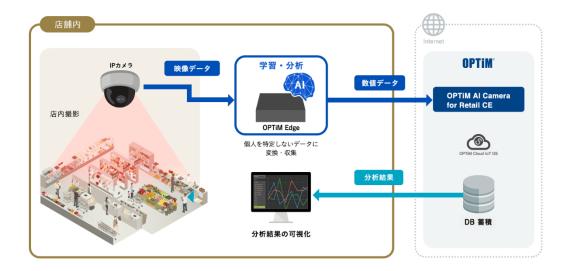
"OPTiM AI Prediction": A quantitative data analysis service that provides a predictive model for future trends by analyzing collected data in the actual operation of various AI data analyses such as FinTech, price fluctuation prediction, market trend prediction, and security monitoring.



OPTIM Cloud IoT OS: AI Camera

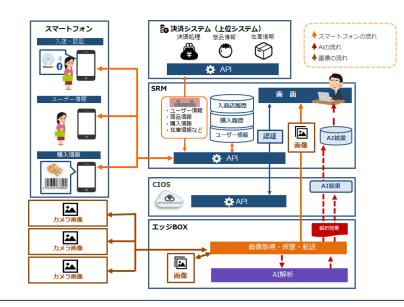
Next-Generation Showroom for the Internet Age "Tsutaya Home Appliances +" uses "OPTiM AI Camera for Retail CE"

Using AI to support consumer behavior analysis and marketing data acquisition from in-store camera images and tablets



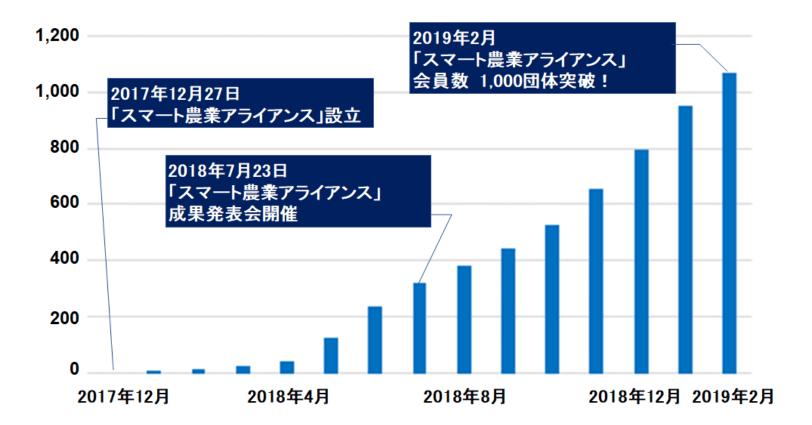
Pop-up store "PAUL & JOE ACCESSOIRES" uses "OPTiM AI Camera"







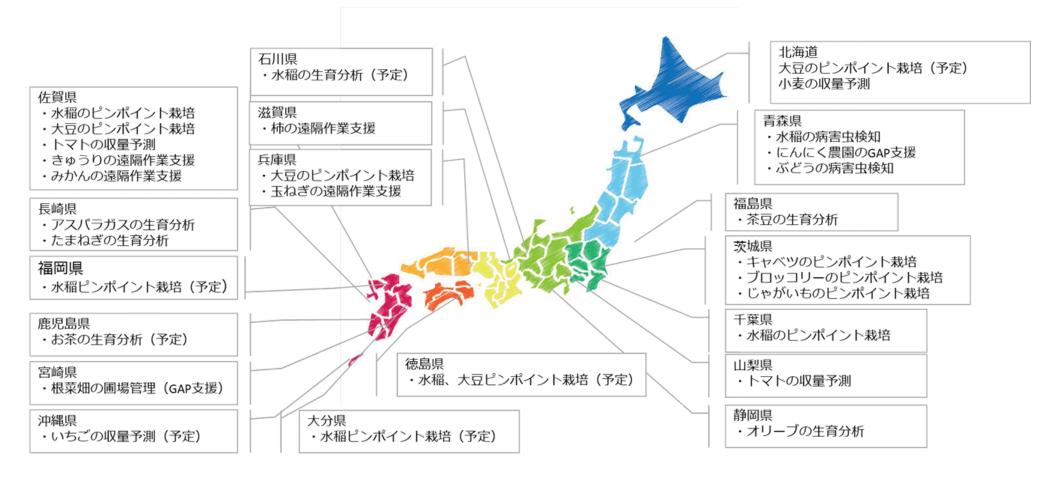
"Smart Agriculture Alliance" working with future-oriented producers, The number of participating organizations exceeds 1,000.





OPTIM Smart Agriculture Alliance Results Presentation by Future-Oriented Producers Using AI, IoT and Drones

Promoting smart agriculture in 18 prefectures with 18 items (1/3 of Japan's prefectures participate)





No detection of pesticide residues in product grown using AI drones The release of safe and secure "smart rice"



"AI"や"ドローン"を使った
 "新しい栽培方法"
 特許番号:第6326009号

スマート米の売上の一部は、AI やドローンを活用した 新しい栽培方法にチャレンジする生産者に還元されます。



Cultivating Oita Prefecture "Hinohikari" and "Nikomaru" Saga Prefecture "Sagabiyori" and Fukuoka Prefecture "Hinohikari" and Aomori Prefecture "Masshigura" as "smart rice", achieving 50 to 100% reduction * 2 in use of targeted agricultural chemicals * 1

*(1) Among agrochemicals, insecticides and fungicides that can be reduced by pinpoint pesticide application are defined as "Agricultural chemicals to be reduced". *(2) Regarding the amount of agricultural chemicals to be reduced, the amount of agricultural chemicals to be used is compared with the standard amount of agricultural chemicals to be used, which is the standard value for the average amount of agricultural chemicals to be used in the cultivation method used in the area every year or the standard amount of agricultural chemicals to be used when delivering to a Japan Agricultural Cooperatives (agricultural cooperative) in the area, and the amount of agricultural chemicals to be used when delivering to a japan Agricultural Cooperatives (agricultural cooperative) in the area, and the amount of agricultural chemicals to be used when year or region.



The website that sells rice and vegetables that was cultivated using cutting-edge technology "Smart AgriFoods Direct Delivery (Smachoku)" opens



Sold on Amazon, Yahoo and other EC Sites



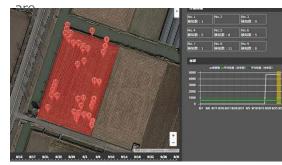
Basic patent for pinpoint pesticide application and fertilization technology *

 \sim AI-Based image analysis enables cultivation with reduced pesticide (fertilizer) use \sim

*Patent No. 6326009, issued January 9, 2017

*Image of utilization (Example of application of pinpoint pesticide spraying technology)

1: A drone takes pictures of the field and determines where pests and diseases



2: The drone moves to the point of origin



3: It sprays agricultural chemicals





The soybeans grown in this demonstration experiment were named "Smart Edamame", and were sold at the department store Fukuoka Mitsukoshi in Fukuoka City, Fukuoka Prefecture at about 3 times the price of regular soybeans (Edamame beans).



The organic food market is expected to grow to about 20 trillion yen, mainly in East Asia.

国名	年間販売額 (億円)		 一人当たり 年間販売額(円/人) 		輸出額 (億円)	
中国	989	(2009年)	75	(2009年)	375	(2008年)
台湾	52	(2006年)	227	(2006年)	-	
韓国	429 (参考)283	(2010年) (2008年)	888	(2010 年)	-	
タイ	64	(2009 年)	88	(2009年)	55	(2009年)
アメリカ	26, 298	(2011年)	8, 400	(2011年)	-	
ドイツ	8, 238	(2011年)	10, 125	(2011年)	-	
日本	1, 250	(2009 年)	1,000	(2009 年)	-	

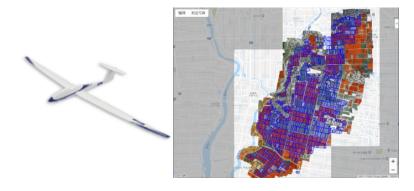
表 3-1-1 有機食品に係る市場規模

Per capita spending in Japan is about one tenth of that in the United States and Germany It is highly likely that a new organic food market of about 1 trillion yen will be created in Japan. Combined with the export market for organic foods to East Asia, a new market of about 20 trillion yen could emerge in the future.



Participation in national projects and advanced research (Efforts with the Ministry of Agriculture, Forestry and Fisheries)

'Development of wide-area collection, visualization, and utilization technology for farmland and crop information using drones (Development of software that reduces the work time required to survey and analyze information on a wide area of farmland and crops to 1/2 or less)' in "Strategic Project Research Promotion Project"



Establishment of harvesting prediction and pest detection methods using AI image analysis technology in "Demonstration Project for Establishment of Advanced Model Agriculture through Cooperation between the Agricultural and Business worlds"



Establishing Ultra-labor-saving Paddy Rice Cultivation Technologies to Make "Innovative Technology Development and Rapid Deployment Project (Management enhancement projects)" More Competitive in Domestic Rice Cultivation



Adoption of 2 projects in FY 2019 "Smart Agriculture Technology Development and Demonstration Project" (To be entrusted as a consignee member)

- ✓ Demonstration of Smart Agricultural Technology System Using Agricultural Bulldozers and Drone in Large-Scale Paddy Rice Management
- ✓ Demonstration of a Smart Agricultural Technology System (Large-Scale open field vegetable complex management) in which all employees participate through management of an agricultural corporation with diverse human resources



Michinoku Bank and Japan's First Smart Agricultural Regional Trading Company Establishment of "Optim Agri Michinoku Co., Ltd."



株式会社オプティムアグリ・みちのく」設立発表会及び調印



In the area of "Optim Agri Michinoku Co., Ltd." we will actively promote "smart agriculture" in order to make agriculture, the primary industry of Aomori Prefecture, a key industry in terms of both production and sales, a "profitable agriculture".

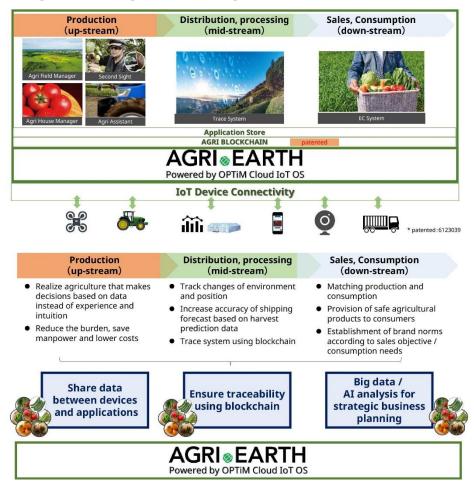
Business Profile:

- 1. Production and Distribution of the crops that were grown by the local producers using OPTiM's smart agriculture solution.
- 2. Providing the total commodity functions of smart agriculture.
- 3. Providing consultation services for smart agriculture.
- 4. Providing any other necessary AI/IoT services contributing to the development of local areas in Aomori prefecture.



For agriculture, forestry, fisheries, distribution processing, and food industries AI, IoT and Robotics Platform "AGRI EARTH" announced

Promoting the use of agricultural big data. Working with WAGRI to Create Value through AI and IoT



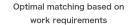


Drone pilot sharing service Start beta version of "DRONE CONNECT"

Professional drone services for any business







Our Alliance with pilot training firms and many professional drone pilots allows us to match each job with the best suited pilot.

Anonymous feedback

Evaluate your pilots' job performance. Your evaluation helps to improve overall safety service quality.

Secure management of each pilots' profile

We work with many reliable professional pilots. Each pilots' detailed information on flight experience, flight hours, operating drone type, etc. are recorded and saved in the system.



Growth monitoring

application.

Spraying of pesticides

A multispectral camera is used to Depending on time of disease and take images of your field and pest outbreak, pesticides can be crops. These will be analyzed to sprayed directly by the drone. visualize crop growth conditions There is no need for hard manual (vegetation analysis.) Furthermore, spraying labor. The pesticide these images can be used to spraying service can be ordered estimate the time of fertilizer anytime farmers want to spray pesticides.

Pin-point spraying of pesticides (pest detection)

Crop images taken by drone are analyzed by AI to detect disease and pest. Based on the results of the analysis, pesticides will be sprayed spot-on.





Operating Smart Forestry Solution "Forest Scope" in collaboration with EverydayDrone by Komatsu



Forest aerial photography by EverydayDrone



Forest Ownership Information

Input

- Forest aerial photography by EverydayDrone
- Forest Owner Boundary Information

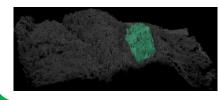
♦ Image Processing ◆

- Output
- Tree Information Estimation (Number of trees/Height/Position of trees/Area/Mass)
- Boundary information from ortho/3D images

Image: Ishikawa Prefecture/Ishikawa Prefecture Forest Association/Komatsu

Orthographic images + tree information





Orthographic image + boundary information + tree information

<u>3D Image</u>

Forest Scope

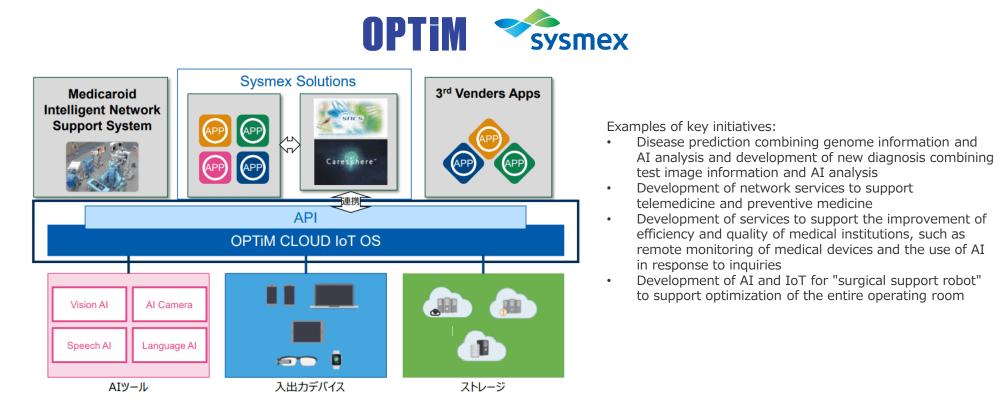
3D image + border information



Healthcare x IT: Business alliance with Sysmex

Business alliance with Sysmex in the area of "Advanced medical care × Al/IoT"

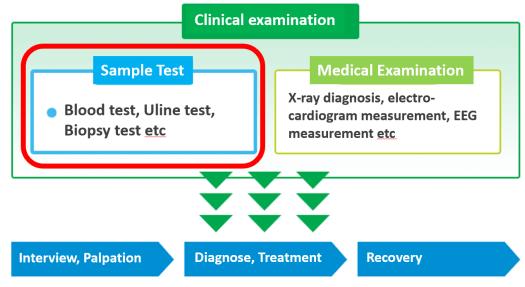
Accelerate development and deployment of IT solution platforms to support next-generation healthcare and diagnostics



We are also planning to consider an optimal collaboration system with the possibility of a capital alliance in the future.



- Contributes to the health of all through "Diagnostics".
 - Mainly develops, manufactures, and sells the equipment, reagents, and software required for "specimen examination".
- Has the largest share in the global market for "Hemocytometers".
- Operates in more than 190 countries.



It is essential to perform examination in any stages.

Source: https://www.sysmex.co.jp/ir/individual-investors/in-brief/about-us.html





Efforts with Medicaloid "surgical support robot"



Supporting the aging society in which "EVERYONE..." can live safely through medical robots

As medical IT solutions in the advanced medical field, we are promoting the networking of "surgical support robot" which is being developed by Medicaloid Co., Ltd. (Head Office: Kobe City, Hyogo Prefecture Representative Director: Yasuhiko Hashimoto), a joint venture between Sysmex and Kawasaki Heavy Industries, Ltd., and the joint development and verification of the usefulness of services that support the optimization of the entire operating room.



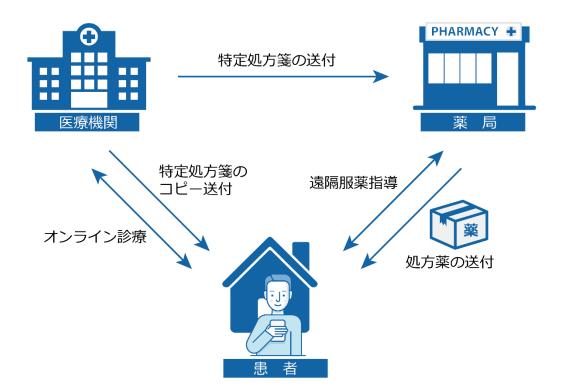
Healthcare x IT: AMIAS

Al Integrated Open Platform for Medical Imaging Launch of "AMIAS" (Al Medical Image Analysis Suite)

■解析結果表示 Various medical imaging support AI programs developed by AMIAS domestic and overseas AI program manufacturers, . 10.00.000 including OPTiM, can be used in conjunction with in-hospital systems such as PACS (MEDICAL IMAGE MANAGEMENT **OPTIM** SYSTEM) and Modality (CT, MRI, etc.) **In-hospital System** Various Global **AI Systems** Image diagnosis systems **Chest Al** (-rav **Brain Al** CT/MR ■「AMIAS」パートナー Fundoscopy AMIAS AIプログラムメーカー Fundus Al **Enterprise systems** *finfervision* powered by OPTIM Cloud IoT OS LPIXEL VUNO ♥□■ **MRI imaging AI** ERISA Electronic PACS その他パートナ and more ... medical record 佐賀大学医学部附属病醫 国立大学法人 • eSite Marubeni 佐賀大学 臨床研究センター

※ 50音順

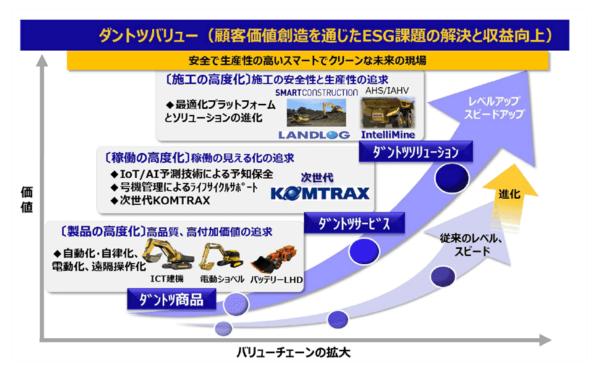
"Online Clinical Pocket Doctor" was adopted in the demonstration experiment of remote medication instruction in Aichi Prefecture



Patients can receive treatment by a doctor and medication instructions by a pharmacist at home, and prescription drugs are also delivered to their home.



Under Komatsu's medium-term plan announced on April 26 Positioning "LANDLOG" as a pillar of growth strategy



[The Three Pillars of Growth Strategy and Key Activities] 1 Value creation through innovation

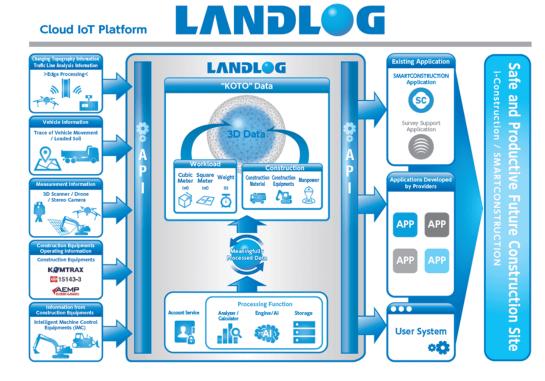
Based on Komatsu's monozukuri technology, which pursues quality and reliability, we will actively incorporate technologies that are not available within the Komatsu Group, and thereby bring about innovation that will create a safe, productive, smart, and clean workplace for the future. For construction sites, we will strengthen the development of an open platform "LANDLOG" compatible with digital transformation, advanced ICT construction equipment such as autonomy and cooperation, and construction simulation that optimizes construction by utilizing production technology, and promote "Smart Construction" on a global scale by rapidly expanding the market. ~ snip ~

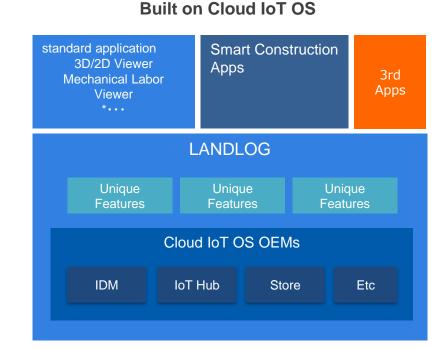
<u>Growth Strategy through Business Reform</u> (c) Structural Reform for Growth

Source: Excerpt from press release "New Medium-Term Management Plan (2019 – 2021) "DANTOTSU Value - FORWARD Together for Sustainable Growth" Launched" https://home.komatsu/jp/press/2019/management/1202302_1600.html



An open platform that connects construction production processes **"LANDLOG"**

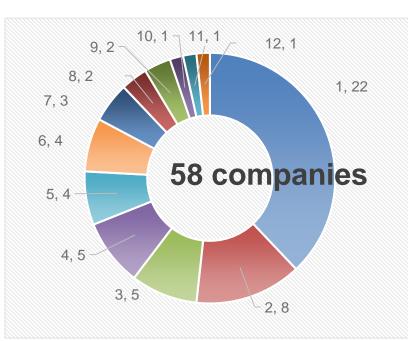






LANDLOG Expands to 58 Partners Many applications and services are being developed by each company

[Number of Partners]



[App]



GembaCam Visualization of the site



construction equipment operation viewer Visualization of construction equipment operation



PosiCom Share location information with field members



Building MORE Visualization of the actual situation



Etc...



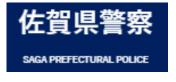
Power x IT



Tie-up to develop new services and businesses utilizing AI, IoT, etc.

Strategic Alliance Agreement

Police x IT

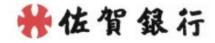


For crime prevention technologies, etc. Conclusion of the Comprehensive Partnership Agreement

Comprehensive Partnership Agreement on R & D and Operation of Security Technologies Related to Local Safety and Security Using AI and IoT

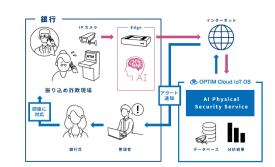
Face recognition technology images of montage images and camera images using AI

Finance and IT



Activities for crime prevention inside and outside banks using AI and IoT

Conclusion of strategic comprehensive alliance





Demonstrating "ATM Corner Monitoring System" to Prevent Billing Fraud at Saga Bank's ATM Corner



Existing Services



In a research report published by Mick Economic Research Institute, Achieved the No.1 * share in the domestic EMM market in fiscal 2017



^{*}Source: Mick Economic Research Institute, September 2018, *Collaboration and Mobile Management Package Software Market Outlook 2018 Edition*.

In the research report published by Fuji Chimera, Achieved the No. 1 * share in the domestic MDM and EMM market for the third consecutive year

In Techno Systems Research In "mobile management market" in 2018, Achieved the No.1 share * in 8 out of 10 divisions

Achieved 34.3% ID count (+ 3.3%) and 37.0% total shipping cost (+ 7.5%)

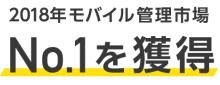


*Source: Fuji Chimera Research Institute *2016 Network Security Business Survey Overview (first volume)* published in November 2016, *2018 Network Security Business Survey Overview (first volume)* published in September 2017, *2017 Network Security Business Survey Overview (first volume)* published in October 2018.





2018-2019年版 エンドポイント管理市場のマーケティング分析



"Source: Techno Systems Research, February 2019, "-2019 Endpoint Management Market Marketing Analysis 2018"; 2018, "Manufacturers' share of sales" "Number of licenses shipped by manufacturers"; "Share by Delivery Method - SaaS"; "Share of -99 or less by user size"; "-100 to 999 shares by user size"; "-1,000 to 9,999 shares by user size"; "-1,000 to 9,999 shares by user size"; "-1,000 to 9,999 shares by user size"; "Share by Delivery Method - SaaS"; "Share of -99 or less by user size"; "-1,000 to 9,999 shares by user size"; "Share by Delivery Method - SaaS"; "Share of -99 or less by user size"; "-1,000 to 9,999 shares by user size"; "-1,000 to 9,999 shares by user size"; "-1,000 to 9,999 shares by user size"; "Share Delivery Method - SaaS"; "Share of -99 or less by user size"; "-1,000 to 9,999 shares by user size"; "-1,000 to



Other services: Unlimited

Business alliance with Sea's Factory Began offering "POWER Watch" and other products



"JARAAN (SPLASH)" travel magazine launched It is full of information about outings such as and "Value" hotels.



Began offering "DoMAGAZINE", an all-youcan-read magazine service for stores Step Forward: Realizing "hospitality" and "Store development"



Japan's only weekly digital magazine Launched 16 magazines including "Weekly ASCII"

Launched in "LIBMO" mobile service provided by TOKAI Communications



今どき雑誌は「スマホ」「タブレット」で読み放題



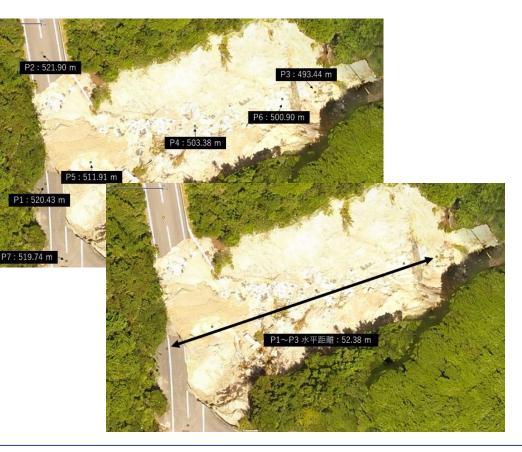


Social Contribution Activities

As disaster support in the "Torrential rain in July 2018" Free online health consultation for doctors using "Health consultation Pocket Doctor" As disaster assistance for "Torrential rain in July 2018", a survey using drones was conducted free of charge to grasp the damage situation by OPTiM, LANDLOG, and Komatsu

> Komatsu's "EverydayDrone" Leverages Optim's "DRONE CONNECT"







Management Advisory Committee



"Management Advisory Committee" Brief Personal History of Members			
Masaaki OKUHARA	Former Vice Minister of Agriculture, Forestry and Fisheries		
Kunio NOJI	Director, Komatsu Ltd.		
Masayoshi HAYASHI	Special advisor to Sysmex Corporation		

Our Company is currently using AI, IoT and Robotics to restructure various industries and industrial infrastructures to become a company that will play a central role in the 4th Industrial Revolution through its " \bigcirc × IT" strategy. In order to accelerate this strategy, we have established the "Management Advisory Committee" as an advisory body. Under the "Management Advisory Committee" Our Company invites leading experts in the fields of agriculture, construction, and medical care who are currently working on Our Company as members (Executive Advisor). We hope to use the insights gained from this experience in our future " \bigcirc × IT" and other management strategies.



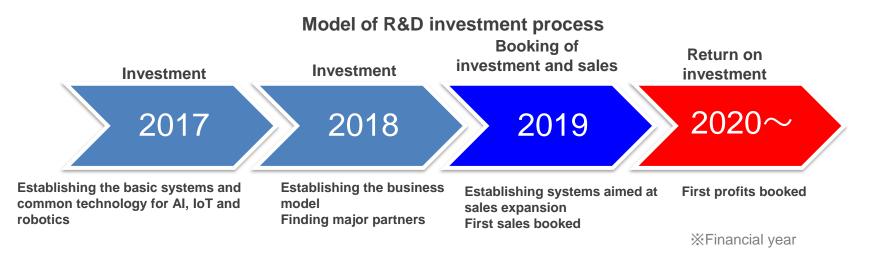
FY3/2020 Earnings Outlook



Ongoing investment in our "Industry x IT" strategy

Advancing the further acquisition of AI, IoT and robotic technology

We continue to invest aggressively in the field of AI, IoT and robotics, full-fledged booking of sales and return through profits will follow the schedule below.

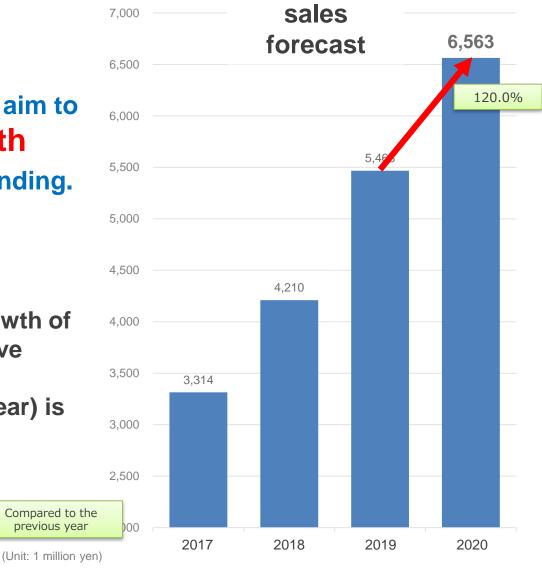




Outlook for Fiscal 2020 (Period 20) sales plan

For the year ending March 2020, we aim to achieve record sales for the **20th consecutive year** since our founding.

Sales of ¥6.5 billion due to stable growth of existing services and conservative estimation of new services (120.0% compared to the previous year) is an achievable prospect





Outlook for Fiscal 2020 (Period 20) profit planning

Change in actual profit for the past 3 We will make flexible and aggressive years and forecast for the year investments in AI, IoT and Robotics to ending March 2020 become a leading company in the fourth industrial revolution. 1,300 As a result, we will continue to use a range of 1.100 forecasts for ordinary income and net income. 900 **Forecast** 814 Year ended March 2020 682 Ordinary income: ¥1.3 billion to ¥1 million 700 Net income: ¥814 million to ¥0 500 453 404 397 300 145 Aggressive investment in R & D to the extent that profits are not negative 100 Disclosure as soon as progress is made Year ended March 2020 Year ended March 2020 Compared to the outlook outlook previous year Ordinary net profit (Unit: 1 million yen) profit

OPTIM

Outlook for Fiscal 2020 (Period 20)

• For the year ending March 2020, we aim to achieve record sales for the 20 consecutive years since our founding. Based on a conservative estimate of stable growth in existing services and new services, we expect to achieve sales of ¥6.5 billion (120.0% compared to the previous year).

- The markets in which Our Company operates continue to grow steadily, and Our Company 's position in these
 markets remains strong. Assuming that we will continue to invest for growth as usual in the next fiscal year,
 based on conservative estimates of sales of existing services, "OPTiM Cloud IoT OS" and related services,
 we can estimate growth of approximately 20% year-on-year, and operating income and ordinary income of
 approximately 20% relative to sales.
- In the past few years we have actively invested in AI, IoT and Robotics in order to play a central role in the field of AI, IoT and Robotics. In the year ending March 2020, as in the year ending March 2019, we will continue to invest aggressively in R & D to the extent that our current profit does not drop to a negative maximum, and we intend to make it the 1 year mark for completion in order to achieve the de facto standard in the highly successful OPTiM Cloud IoT OS. Specifically, we will continue our efforts over the past few years to rebuild each industry and industrial base by leveraging the power of IT through the "OO × IT" initiative that fuses IT with various industries.
- Both sales and profits are expected to increase due to new service orders. Any deviation from the planned values will be promptly disclosed.



Intellectual Property Strategy and Others



Concrete Measures for "OO x IT"

Industry)	timing of the announcement	Contents	Partners
Agriculture	2015/8	Tripartite Pact in IT Agriculture: Saga Prefecture begins efforts to become the world's No. 1 in IT agriculture with the aim of realizing "Fun, Cool and Profitable Agriculture"	Faculty of Agriculture, Saga University and Saga Prefectural Production Promotion Department
	2017/12	World's First Pin-point Pesticide Scattering Technology Utilizes AI, IoT and Drone to Succeed in Cultivating Soybeans: Less than 1/10 of Pesticides Used, No Residual Pesticides Detected, and Equal Yield Quality	
	2017/12	Establishment of a "Smart Agriculture Alliance" led by producers: Free provision of smart agricultural solutions such as drones and AI, and distribution of profits to producers by purchasing the entire harvest	
	2018/7	Holding the Optimum Smart Agriculture Alliance Results Presentation Meeting for future-oriented producers using AI, IoT and drones: Smart agriculture is being promoted in 18 prefectures with 18 products (1/3 of Japan's prefectures participate)	
	2018/7	First drone sowing verification project in Japan: A fixed-wing drone "OPTiM Hawk" and field management service "Agri Field Manager" were used to scan the world's largest area of 8,500 hectares, excluding mountainous areas, to verify the sowing of wheat.	Shiraishi-machi, Kishima-gun, Saga
	2018/7	AI, IoT and Robot Platform "AGRI EARTH" for Agriculture, Forestry, Fisheries, Distribution, Processing and Food Industry announced: Promoting the use of agricultural big data. Working with WAGRI to Create Value through AI and IoT	Agricultural Data Alliance Council
	2018/8	Launch Beta of Drone Pilot Sharing Service "DRONE CONNECT"	
	2018/10	Announcement of basic patents on pinpoint pesticide application and fertilization technology	
	2018/11	Start of sales of safe and secure "smart rice" rice, which uses AI and drones to reduce the amount of agricultural chemicals used	
	2018/11	Kyushu Economic Federation establishes "Smart Agriculture Promotion Consortium" with Fukuoka and Oita Prefectures.	Kyushu Economic Federation, Fukuoka Prefecture, Oita Prefecture
	2019/1	Establishment of "Optim Agri Michinoku Co., Ltd." Japan's first Smart Agriculture Regional Trading Company with Michinoku Bank	Michinoku Bank
	2019/2	"Undetected" produced by pinpoint pesticide spraying technology, and obtained inspection results of pesticide residue "smart rice" by a third party inspection organization.	
	2019/2	Release of "Smart brown rice", which does not detect pesticide residue produced by pinpoint pesticide spraying technology, started.	
	2019/2	"Smart Agriculture Alliance" with Future-Oriented Producers Tackles 1,000 Groups	



O Concrete Measures for "OO x IT"

Industry	timing of the announcement	Contents	Partners
	2016/2	"pocket doctor" Japan's First Smartphone/Tablet Telemedicine Service Launched	MRT
	2016/12	"Institute of Medical Innovation" established to conduct joint research and demonstration of future-oriented medical care using IoT and AI	Saga University School of Medicine
	2018/3	Acquired "Medical Device Manufacturing Business Certificate" to manufacture medical device programs using AI technology	
	2018/4	Launch of "Smart Home Medical Care" a home medical support service that utilizes AI and IoT in hospital rooms via television for medical institutions nationwide	Yuaikai Oda Hospital
	2018/10	"online clinical pocket doctor" Introduces "video call" Function on PC	MRT
Healthcare	2018/11	"online clinical pocket doctor" adopted in the demonstration experiment of remote medication instruction in Aichi Prefecture	MRT, Kyowa Chemical, Toyone-mura, Aichi Prefecture
	2018/12	"heartwarming TV calling system" Solution for Home-Visit Nursing Service Using Optim Platform for Medical and Nursing Care, Launched by ND Software	ND Software
	2019/1	Get permission for "Sellers and Lessors of Specially Controlled Medical Devices"	
	2019/2	Business alliance in the area of "Advanced medical care \times Al/loT"	Sysmex
	2019/3	Presented the latest AI products for solving medical imaging problems at the "2019 International Medical Imaging Exhibition"	
	2019/3	Obtaining approval for "Second-class medical device marketing business license" enables the design, development, manufacture, application and sale of medical devices	
	2019/4	Launch AI Integrated Open Platform "AMIAS" (Amias) for medical imaging support	



O Concrete Measures for "OO x IT"

Industry	timing of the announcement	Contents	Partners
Construction	2017/7	Decided on joint planning and operation of a new platform "LANDLOG" that links the entire construction and production process	Komatsu, NTT DOCOMO, and SAP
electric power	2018/10	"Strategic Alliances" Continuous collaboration and cooperation in the examination and development of services utilizing AI, IoT, etc., and new businesses	Kyushu Electric Power
police	2018/10	Comprehensive Partnership Agreement on R & D and Operation of Security Technologies Related to Local Safety and Security Using AI and IoT	Saga Prefectural Police
Retail	2018/3	Opening of "Monotaro AI Store" using AI store management support service "Smart Retail Management"	Monotaro
	2018/12	Providing "OPTiM AI Camera for Retail CE" to "Tsutaya Home Appliances +" a next-generation showroom for the Internet age	Tsutaya Home Electronics Enterprise
	2019/3	Pop-up store "PAUL & JOE ACCESSOIRES" offers "OPTiM AI Camera"	
Finance	2017/12	"Financial and IT Strategic Comprehensive Alliance" was concluded to promote initiatives utilizing AI, IoT and blockchain technologies.	
	2018/7	Demonstration of "ATM Corner Monitoring System" to prevent billing fraud using AI surveillance camera service "AI Physical Security Service" at bank ATMs	Saga Bank
Transportation	2017/10	Using AI to detect anomalies and start demonstration of "AI Physical Security Service" to improve the safety of passengers using JR Kyushu stations	JR Kyushu
	2018/6	Conducted a verification test of "AI Physical Security Service" at Sawa Station on the Joban Line, which is under the jurisdiction of the Mito Branch Office of JR East. The result exceeded the verification test target of 90% and achieved a detection rate of 96.2%.	JR East



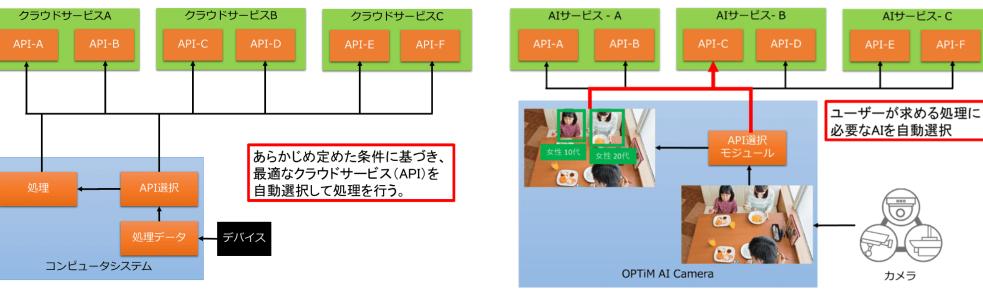
Intellectual property strategy

Announcement of basic patent ownership to automatically select the most appropriate AI (artificial intelligence) and API based on predetermined conditions

Implemented as a core function of " OPTIM Cloud IoT OS" and implemented in various services such as "OPTIM AI Camera" and " OPTIM AI Voice"

*Image of "OPTiM AI Camera"

Example) Counting by the attributes of visitors (age and sex)



*Image of patent contents

Patent No. 6404529





A patent was granted in the United States that allows the user to set the size and location of the display area for text-based instructions.





U.S. Pat. No. 9959083

Patented AI system that analyzes and manages contracts

Al analyzes partners, terms, types of contracts, and keywords. Notify users of potential risks and important information

Patent No. 6290459



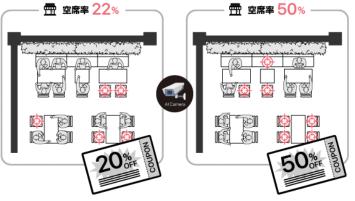
Acquired a patent to identify people from portraits Al is used to analyze facial caricatures. Identify a portrait from a database of portraits



O Intellectual property strategy

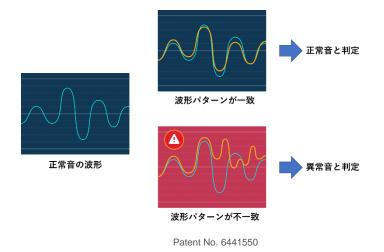
Al analyzes the camera image, Patent Ownership Announced for Offering Discount Coupons Based on Vacancy Rate

The discount rate varies depending on the vacancy rate and the time it takes to come to the store after the coupon is issued. The service also provides information on the number of vacant seats and sales



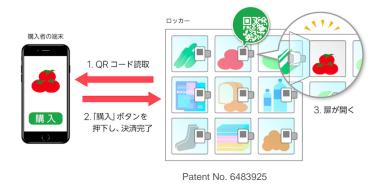
Patent No. 6246446

Announcement of patent for Al machine learning of normal sound of equipment installed in facilities and detecting abnormal sound



Announcing Patent Ownership for Secure, Unmanned Retail System

Aiming to expand the CtoC market by using the system in unmanned stores





Introduce technologies that support OPTiM "OPTiM TECH BLOG" established

https://tech-blog.optim.co.jp/

)ther



*Technologies related to artificial intelligence (machine learning, deep learning) *Cloud Technologies for the IoT Platform

*AI technology for smart agriculture, robotics technology including drones

*AI diagnostic support and technology related to online medical care

*1 million device management technologies from the cloud

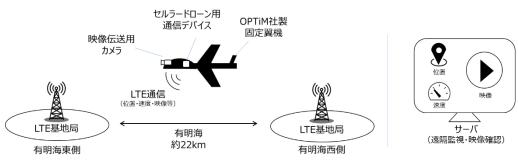
*Development environment and development process and so on.

"Al Project Practical Reading Book for Problem Resolution and Service Implementation" goes on sale.





Real-time video transmission using a fixed-wing drone and a communications device for a cellular drone successfully achieved a long-distance flight experiment outside of sight.





OPTiM is becoming a leading company in the Fourth Industrial Revolution





