

FY2022 Financial Results

Medical Data Vision Co., Ltd.
(Code: 3902)

February 13, 2023

1	4Q and FY2022 Financial Results	-----	4
2	FY2023 Financial Outlook	-----	17
3	FY2023 Strategies and Focus Businesses	-----	23
4	Medium-term management plan	-----	35

FY2022 results

Ordinary income beats target, but sales fall short

- Sales ¥6,104mn (vs. target: -3.1% YoY: +7.6%)
- Ordinary income ¥1,750mn (vs. target: +9.4% YoY: +9.9%)
- Ordinary income margin 28.7% (vs. target: +3.3P YoY: +0.6P)

FY2023 targets

Aim to move away from simply building on established business practices under the theme of “creativity”

- Sales ¥7,200mn, Ordinary income ¥1,800mn, Ordinary income margin 25.0%
- Move paid services for hospitals and medical check systems to a cloud basis
- Secure share of insurer data market in data utilization service

Focus businesses

Secure growth foundation for B2C services

- Major shift to a cloud basis for the customer base in hospital services
- Expand sales of cloud-based medical check systems (Alpha Salus)
- Successfully upgrade ‘Karteco’, which is the entry point for B2C services

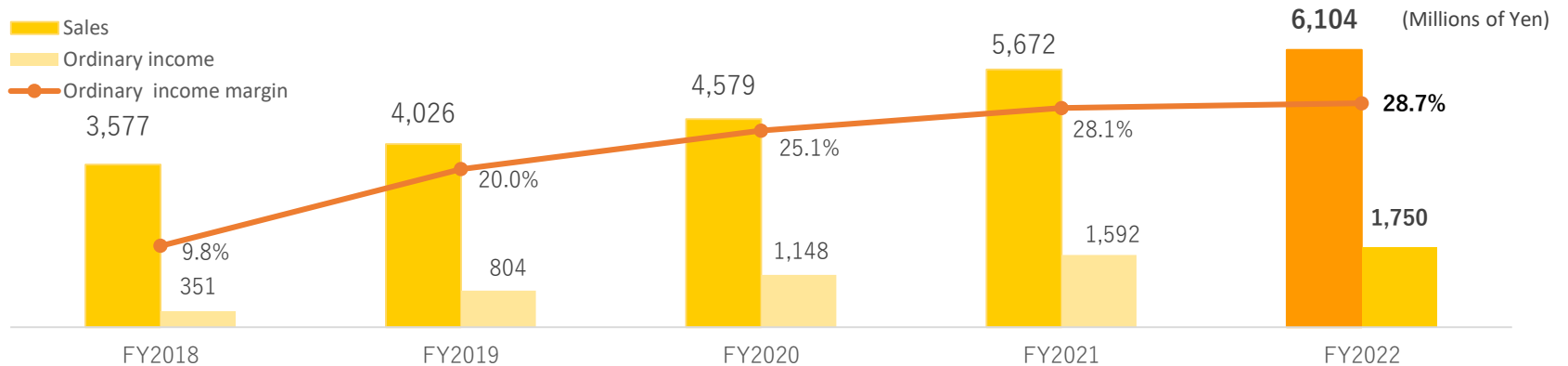
4Q and FY2022 Financial Results



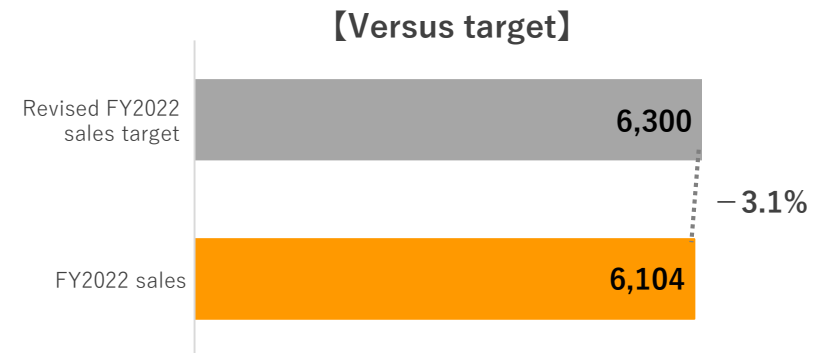
FY2022 results highlights

Full-year ordinary income beats target, but sales fall short

Data utilization service sales were up 10.9% YoY on a simple comparison basis, but grew 18.9% YoY when adjusted for the new standard (see Slide 7)



(Millions of Yen)	Data network service	Data utilization service	All-company total
Sales	2,100	4,003	6,104
YoY	+1.9%	+10.9%	+7.6%
Gross income	1,360	3,669	5,030
YoY	-0.9%	+12.2%	+8.3%
Ordinary income	—	—	1,750
YoY	—	—	+9.9%



4Q FY2022 results comparison

4Q ordinary income margin up YoY to 33.5%

YoY sales growth + 21.8% adjusted to the new basis

(Millions of Yen)	4Q FY2022 (October-December 2022)				
	Result	YoY		【Ref.】 YoY (adjusted to new basis*)	
		Result	Change	Ref	Change
Sales	1,777	1,720	+3.3%	1,458	+21.8%
Sales growth	3.3%	20.6%	- 17.3P	—	—
Ordinary income	594	556	+6.8%	—	—
Ordinary income margin	33.5%	32.4%	+1.1P	—	—
Headcount	257	245	+4.9%	—	—
Sales per employee	6.9	7.0	- 1.5%	—	—

*Parent sales in 4Q FY2021 would have been ¥261mn lower when applying the new revenue recognition standard to contracts straddling FY2020 and FY2021 and FY2021 and FY2022

Adjusted data utilization service sales growth 18.9%

Growth might appear small owing to the impact of the new standard, but sales are expanding steadily

■ FY2021 Adjusted sales (new)

(Millions of Yen)

	1Q	2Q	3Q	4Q	Total
Data network service	552	454	494	560	2,061
Data utilization service	946	724	797	898	3,367
All-company total	1,499	1,179	1,291	1,458	5,428

■ FY2022 Sales (new)

	1Q	2Q	3Q	4Q	Total
Data network service	490	480	535	594	2,100
Data utilization service	1,020	865	935	1,182	4,003
All-company total	1,511	1,345	1,470	1,777	6,104

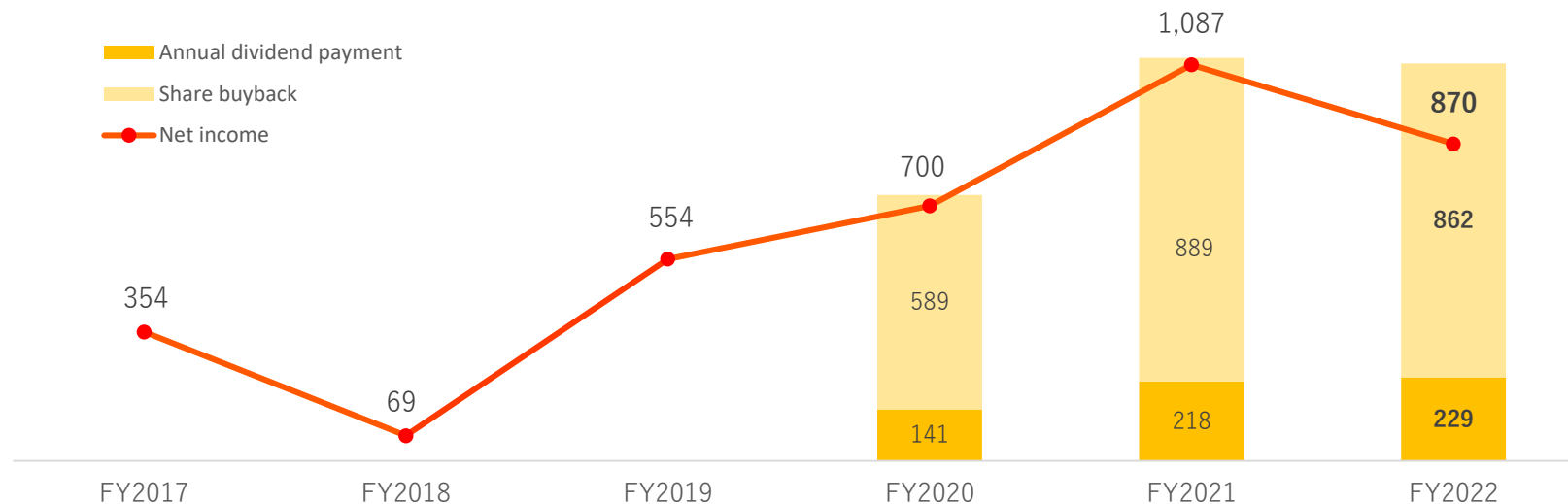
【YoY】

	1Q	2Q	3Q	4Q	Total
Data network service	-11.2%	+5.7%	+8.3%	+6.1%	+1.9%
Data utilization service	+7.8%	+19.3%	+17.4%	+31.6%	+18.9%
All-company total	+0.8%	+14.1%	+13.9%	+21.8%	+12.4%

FY2022 shareholder returns

Shareholder returns

(Millions of Yen)



	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022
Net income per share	¥8.86	¥1.74	¥13.85	¥17.72	¥27.74	¥22.77
Dividends per share	—	—	—	¥3.6	¥5.6	¥6.0
Dividend payout ratio	—	—	—	20.3%	20.1%	26.3%
Share buyback (millions of yen)	—	—	—	589	889	862
Total payout ratio	—	—	—	104.5%	101.8%	125.4%

※Total payout ratio = (share buybacks + dividend payments) ÷ net income

※Dividend payments begun from FY2020

4Q FY2022 results: cost analysis

Increase in hiring costs due to steady progress on hiring new personnel

Large YoY increase in R&D costs owing in part to investment in cloud compatibility

(Millions of Yen)	【Consolidated】 4Q FY2022	【Consolidated】 4Q FY2021	YoY	【Consolidated】 3Q FY2022	QoQ	Details
CoGS	296	295	+0.3%	281	+5.3%	<ul style="list-style-type: none"> • Rise in system maintenance costs, etc. (+6mn) • Lower procurement costs on fall in package sales (-10mn)
Personnel costs	436	428	+1.9%	419	+4.1%	<ul style="list-style-type: none"> • Higher wage costs from salary increases, headcount rise, etc. (+33mn) • Performance-linked bonuses (-25mn)
Hiring costs	14	11	+26.1%	11	+32.0%	<ul style="list-style-type: none"> • Contingency fees related to hiring (+3mn)
Others	450	439	+2.5%	389	+15.9%	<ul style="list-style-type: none"> • Rise in payments to external consultants, etc. (+8mn)
R&D costs	122	77	+57.3%	78	+55.9%	<ul style="list-style-type: none"> • Rise in investment in cloud compatibility, development of new services ('Alpha Salus', 'MDV Act') (+43mn)
Total costs*	1,184	1,163	+1.8%	1,090	+8.6%	

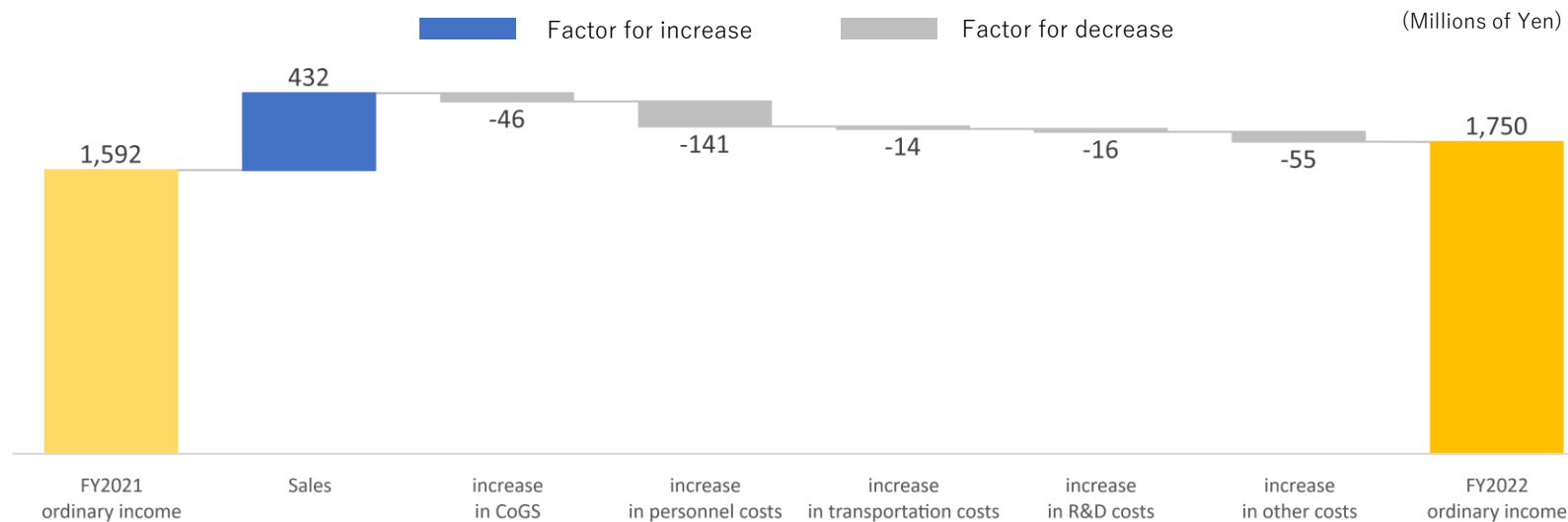
*The total of CoGS and SG&A

Factor analysis for change in ordinary income (FY2021 vs FY2022)

Continued rise in personnel costs from securing of personnel and active hiring

Rise in CoGS limited by below-target sales

R&D costs include fall from review of subsidiary-related investments for which reserve funds had been booked

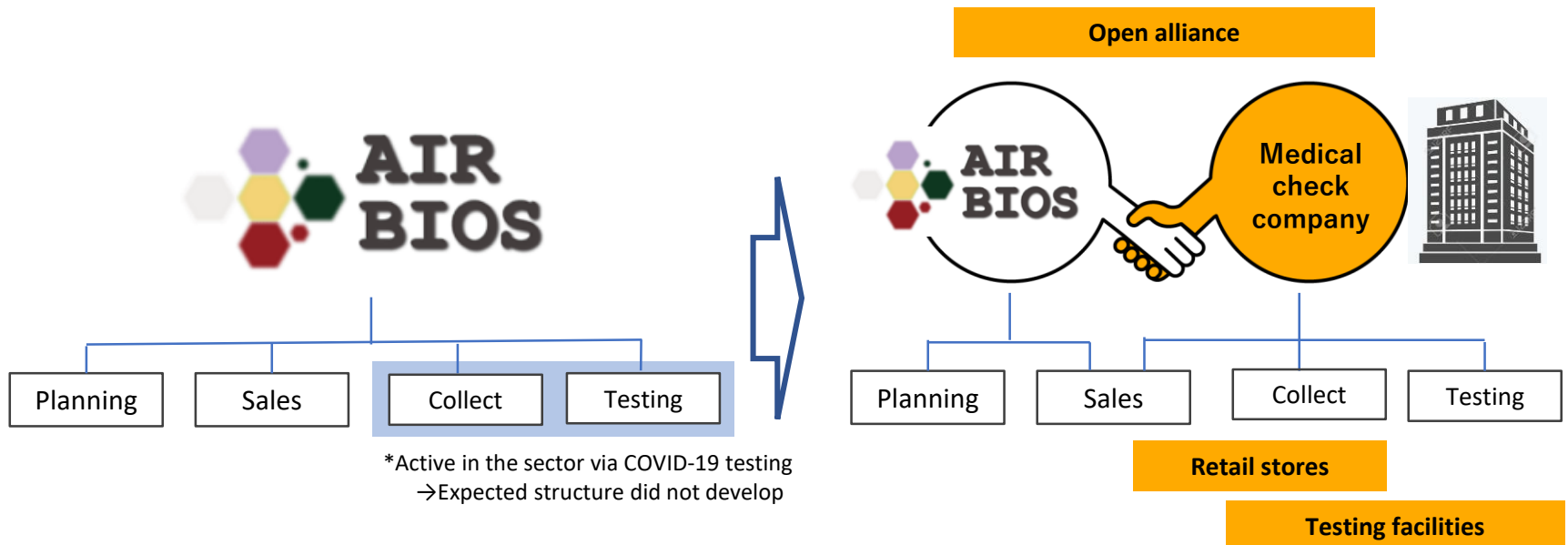


Breakdown of R&D costs	FY2021	FY2022 (plan)	FY2022 (results)
Existing businesses (inc. EBM function development, 'MDV Act', 'Alpha Salus')	216	125	158
HMV business (inc. AI block chain platform, diabetes AI)	99	167	171
Others (inc. new businesses, contingency funds)	0	132	3
Total	316	425	332

Booking of extraordinary loss on amortization of goodwill , etc.

In accordance with accounting practices, impairment of the entire value of the relevant company was booked

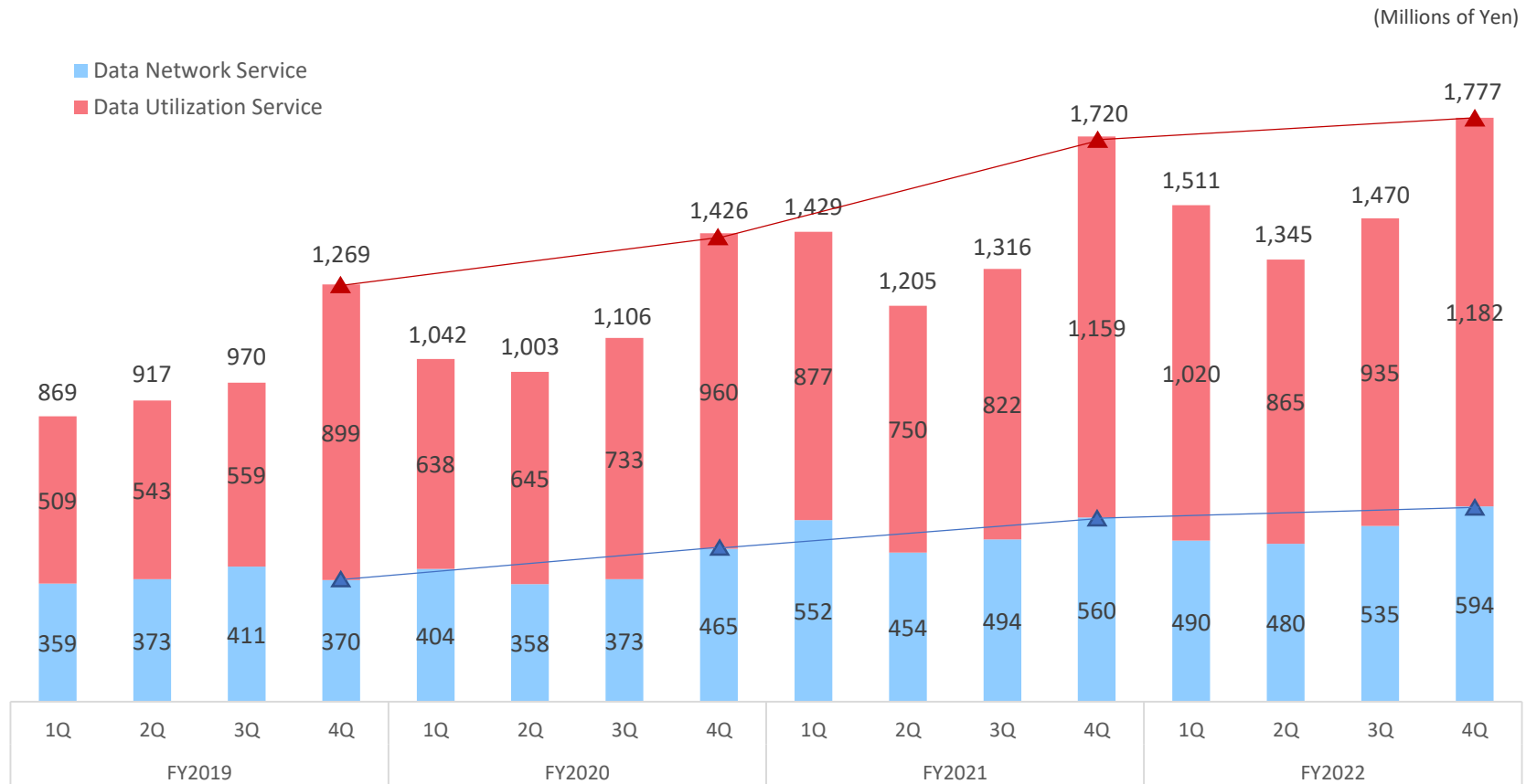
We had initially been considering unified planning and management at this subsidiary, but have now moved to a cooperative business relationship with it as an alliance partner
The impairment booking is in part to lower investment risk, but also because of slow business progress



Ongoing investment is essential to maintain competitiveness in the medical and healthcare sectors
→Future additional impairment is a possibility if the progress in business planning at the investment vehicle does not match up with financials

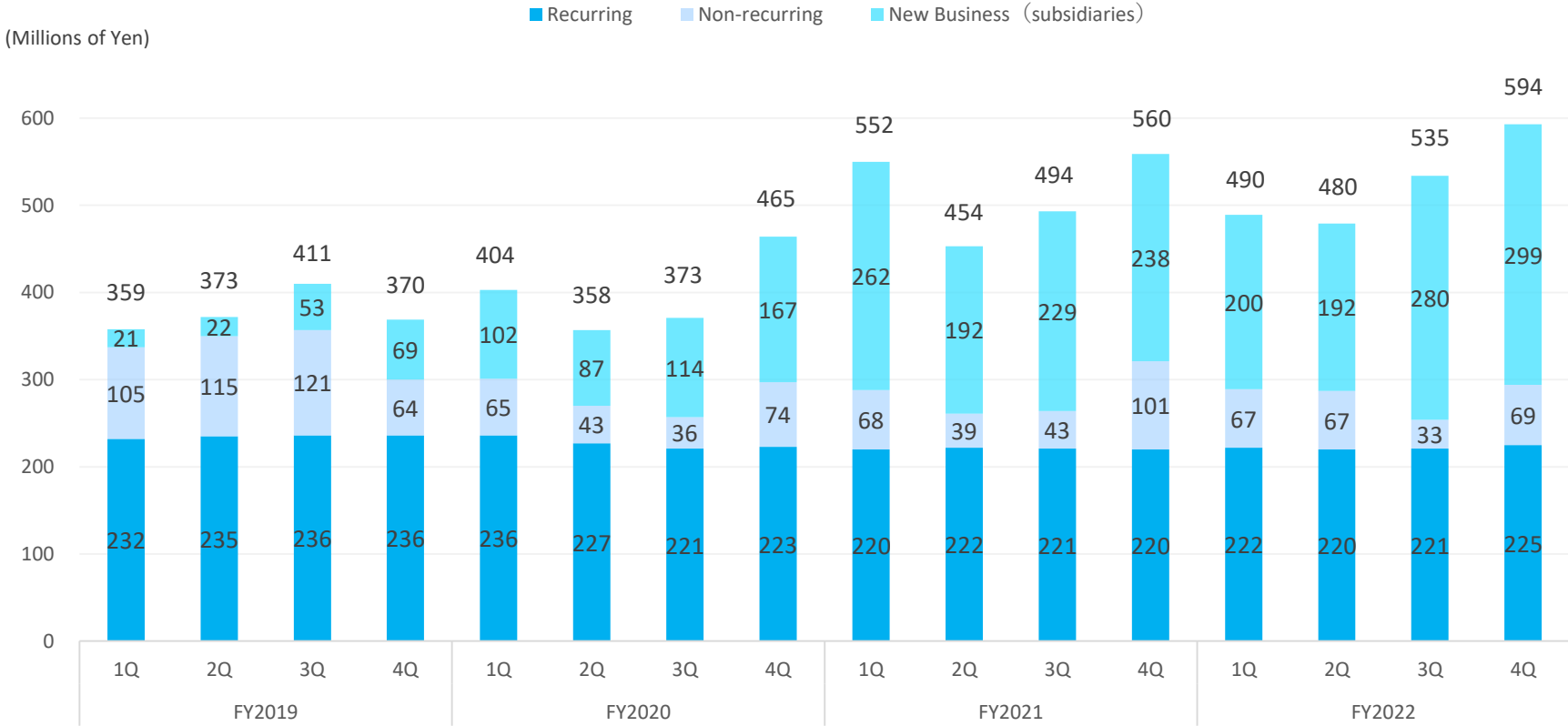
Sales by quarter (breakdown by service)

Large impact of new revenue recognition standard on data utilization service sales in 4Q



Data network service sales breakdown

Sales expanding at subsidiaries Doctorbook and SB α
 Sales of cloud-based medical check systems get into full swing at subsidiary SB α in 4Q



KPI for data network service

Target for number of hospitals using cloud services basically achieved

Further growth to more than 1,000 by mid-January 2023

Indicators	FY2020 Results	FY2021 Results	1Q FY2022 Results	2Q 2022 Results	3Q 2022 Results	4Q 2022 Results	FY2022 Targets
No. of hospitals using 'EVE'	772	770	753	750	748	741	750~770
No. of hospitals using cloud services	–	–	778	834	897	993	1,000
No. of hospitals usings 'MDV Act'	–	558	757	809	863	977	1,000

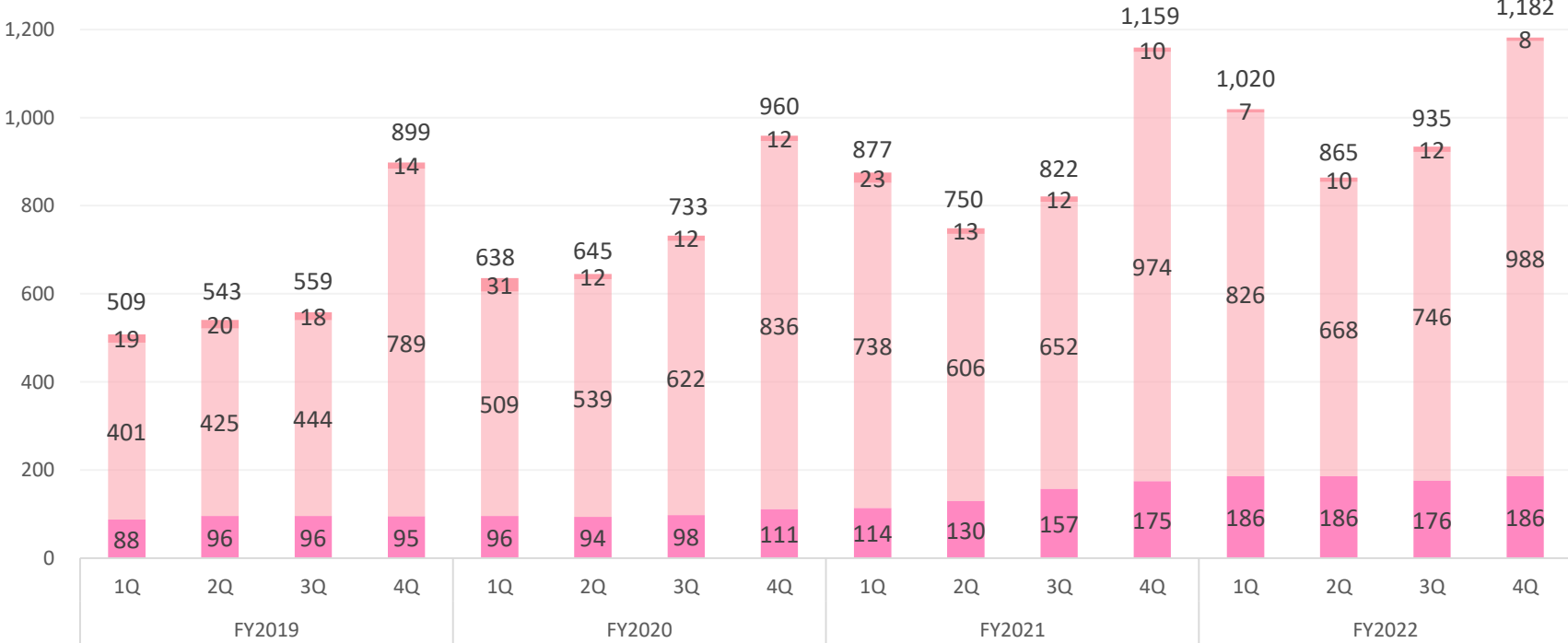
Data utilization service sales breakdown



Medical data survey analysis sales strongly impacted in 4Q by new revenue recognition standard
 Quarterly sales for 'MDV analyzer' regain 2Q level

(Millions of Yen)

■ MDV analyzer ■ Medical data survey analysis ■ New business (subsidiaries)



KPI for data utilization service

Increase in number of companies using service, but usage fees per client fail to rise

FY2022 target for number of 'MDV analyzer' contracts basically achieved

Indicators	FY2020 Results	FY2021 Results	1Q FY2022 Results	2Q FY2022 Results	3Q FY2022 Results	4Q FY2022 Results	FY2022 Targets
No of contracts (each type) for 'MDV analyzer'	27	44	45	40	43	49	50
No. of companies using medical data survey analysis	103	118	—	—	—	133	130
Sales from top 10 clients for medical data survey analysis (millions of yen)	1,410	1,667	—	—	—	1,528	1,800
No. of patients in MDV large-scale medical database (10,000)	3,451	3,849	3,940	4,016	4,120	4,232	—
No of patients in insurer database (10,000)*	616	762	769	780	1,776	1,797	—

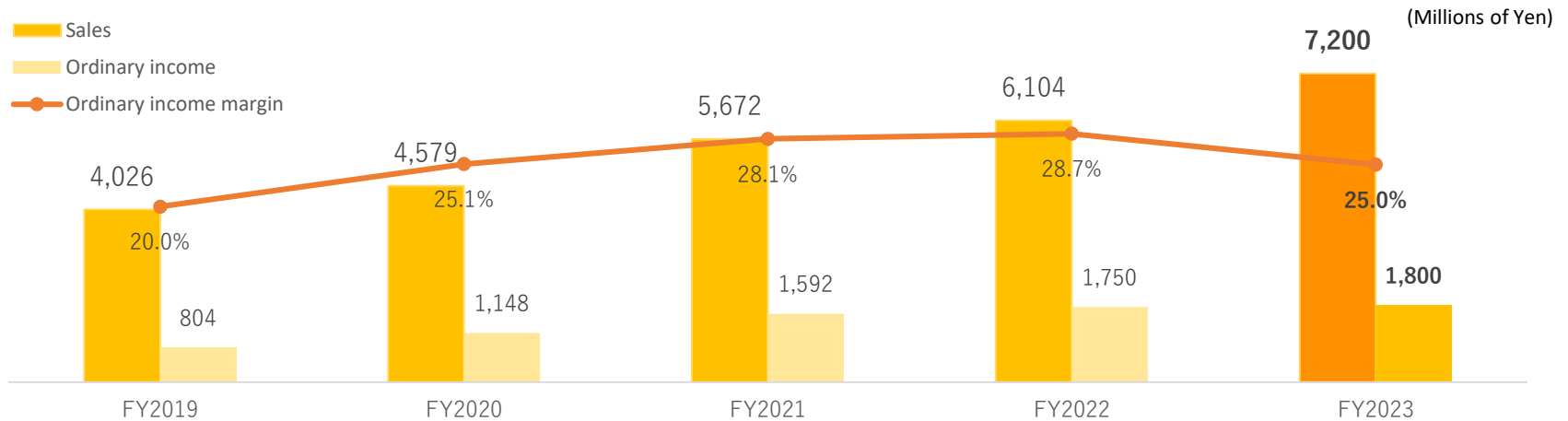
*Revised indicator name due to addition of data from insurers other than those in the Japan Health Insurance Association

FY2023 Financial Outlook

~Aim to move away from simply building on established business practices under the theme of “creativity” ~

FY2023 financial outlook

Target sales growth of +17.9% YoY, ordinary income margin of 25.0%
 Aim for growth close to 20% in data utilization service



(Millions of Yen)	Data network service	Data utilization service	Others	All-company total
Sales	1,584	4,780	835	7,200
YoY	–	+19.4%	–	+17.9%
Gross income	850	4,014	690	5,555
YoY	–	+9.4%	–	+10.4%
Ordinary income	–	–	–	1,800
YoY	–	–	–	+2.8%

FY2023 financial outlook

■ Consolidated

(Millions of Yen)	FY2022	FY2023	
	Results	Targets	YoY
Sales	6,104	7,200	+ 17.9%
Operating income	1,758	1,800	+ 2.4%
Ordinary income	1,750	1,800	+ 2.8%
Ordinary income margin	28.7%	25.0%	△3.7 P
Net income	870	1,200	+ 37.9%
Dividend per share	6.0	6.5	+8.3%

■ By service

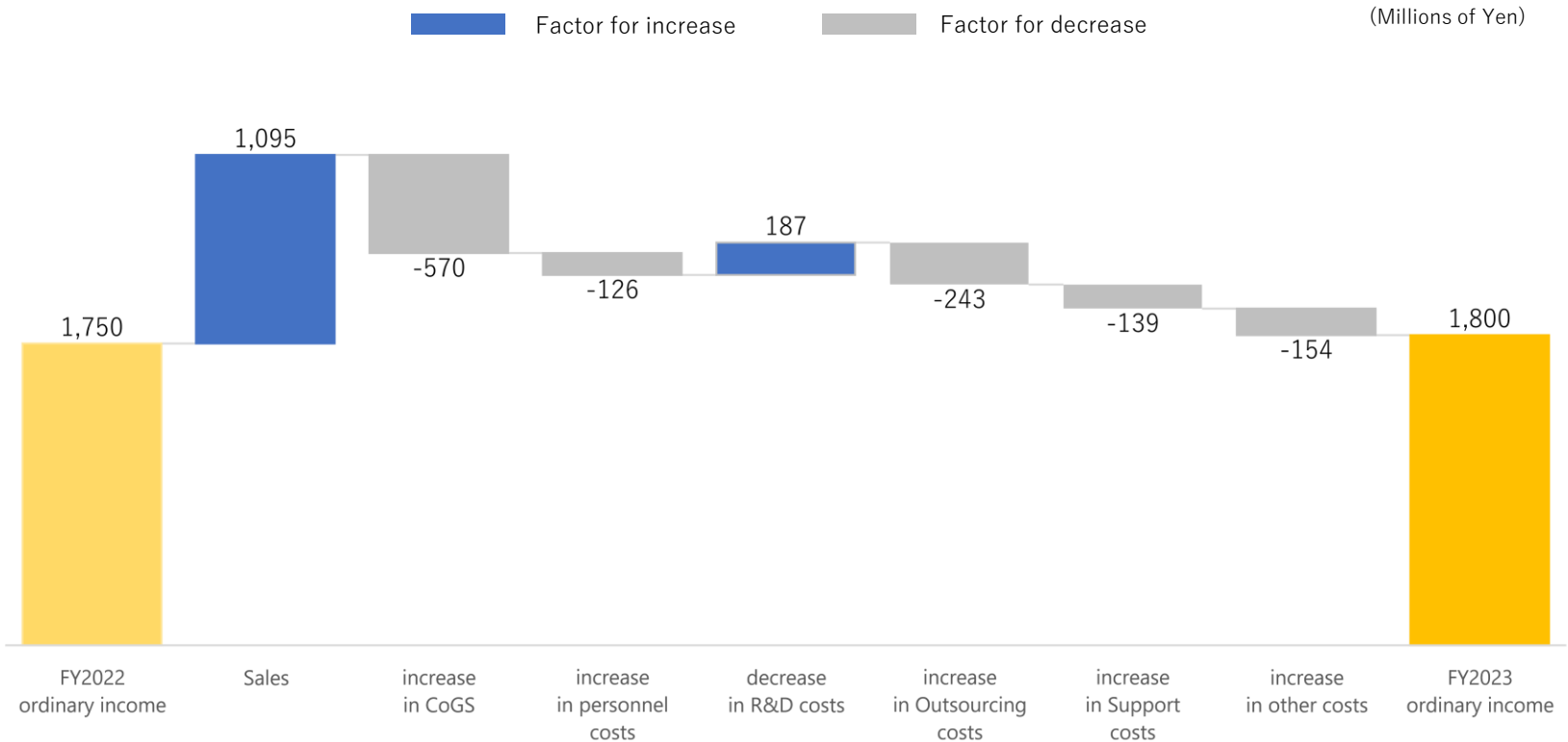
(Millions of Yen)	FY2022	FY2023	
	Results※	Targets	YoY※
Data network service	1,534	1,584	+ 3.2%
New businesses (subsidiaries)	407	461	+ 13.4%
Data utilization service	4,003	4,780	+ 19.4%
Others	566	835	+ 47.6%

※Results by service and YoY comparisons for the FY2022 are reference values for comparison.

Factor analysis for change in ordinary income (FY2022 vs FY2023)

Expect CoGS to rise due to alliance on insurer DB

Expect cost increase for use of external services as well as higher personnel costs from headcount growth
Expense items for R&D to be reclassified as the number of developed services in operation increases



KPI for data network service (2023)

Acquisition of 「1,200」 hospitals using cloud services

Aim to increase the number of installations of cloud-based medical check systems and grow the order backlog

指標	FY2020 Results	FY2021 Results	FY2022 Results	FY2023 Targets	FY2025 Targets
No. of hospitals using cloud services	—	—	993	1,200	1,200~ 1,500
Number of hospitals with paid contracts for 'MDV Act'	—	—	—	600	—
Number of installations of medical check systems	—	—	94	109	300

KPI for data utilization service (2023)

Target service segment sales growth rate of 「20%」

Raise service segment growth rate by expanding data trials

Indicators	FY2020 Results	FY2021 Results	FY2022 Results	FY2023 Targets	FY2025 Targets												
Sales growth rate in data utilization service segment	18.5%	21.3%	10.9%	19.4%	16%+												
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%;">Sales related to insurer data (¥mn)</td> <td style="text-align: center;">-</td> <td style="text-align: center;">-</td> <td style="text-align: center;">10</td> <td style="text-align: center;">500</td> <td style="text-align: center;">-</td> </tr> <tr> <td>Sales in the data trial field (¥mn)</td> <td style="text-align: center;">69</td> <td style="text-align: center;">59</td> <td style="text-align: center;">38</td> <td style="text-align: center;">80</td> <td style="text-align: center;">300</td> </tr> </table>	Sales related to insurer data (¥mn)	-	-	10	500	-	Sales in the data trial field (¥mn)	69	59	38	80	300					
Sales related to insurer data (¥mn)	-	-	10	500	-												
Sales in the data trial field (¥mn)	69	59	38	80	300												
No. of patients in MDV large-scale medical database (10,000)	3,451	3,849	4,232	-	-												
No of patients in insurer database (10,000)	616	762	1,797	-	-												

FY2023 Strategy and Focus Businesses

~Secure growth foundation for B2C services~

Three strategies to achieve 2025 sales of 10bn yen

Three strategies disclosed in the medium-term plan into concrete action

Cloud shift and growth in medical check sales, maintain share of EBM market, invest in healthcare B2C

1

Customers: hospitals and affiliated health check centers, private clinics focused on health checks

Expand base of data mainly on cloud and maintain market share

✓ Promote sales of medical check systems, accelerate data links with 'Karteco'

2

Customers: pharmaceutical makers, insurers, and other companies using data

Maintain share of expanding medical big data analytic services market

✓ Strengthen sales of Japan's largest insurers DB and forge new alliances

3

Customers: alliance partners in the healthcare sector and general consumers

Upfront investment in B2C to feed into MDV growth from 2025

✓ Invest in healthcare B2C as a promising growth market

1

Customers: hospitals and affiliated health check centers, private clinics focused on health checks

Expand base of data mainly on cloud and maintain market share

✓ **Promote sales of medical check systems, accelerate data links with ‘Karteco’**

FY2023 strategy and focus points

1

Conduct major shift of the customer base for hospital services to the cloud
→ **Promote instant uptake of paid MDV Act functionality by MDV clients**

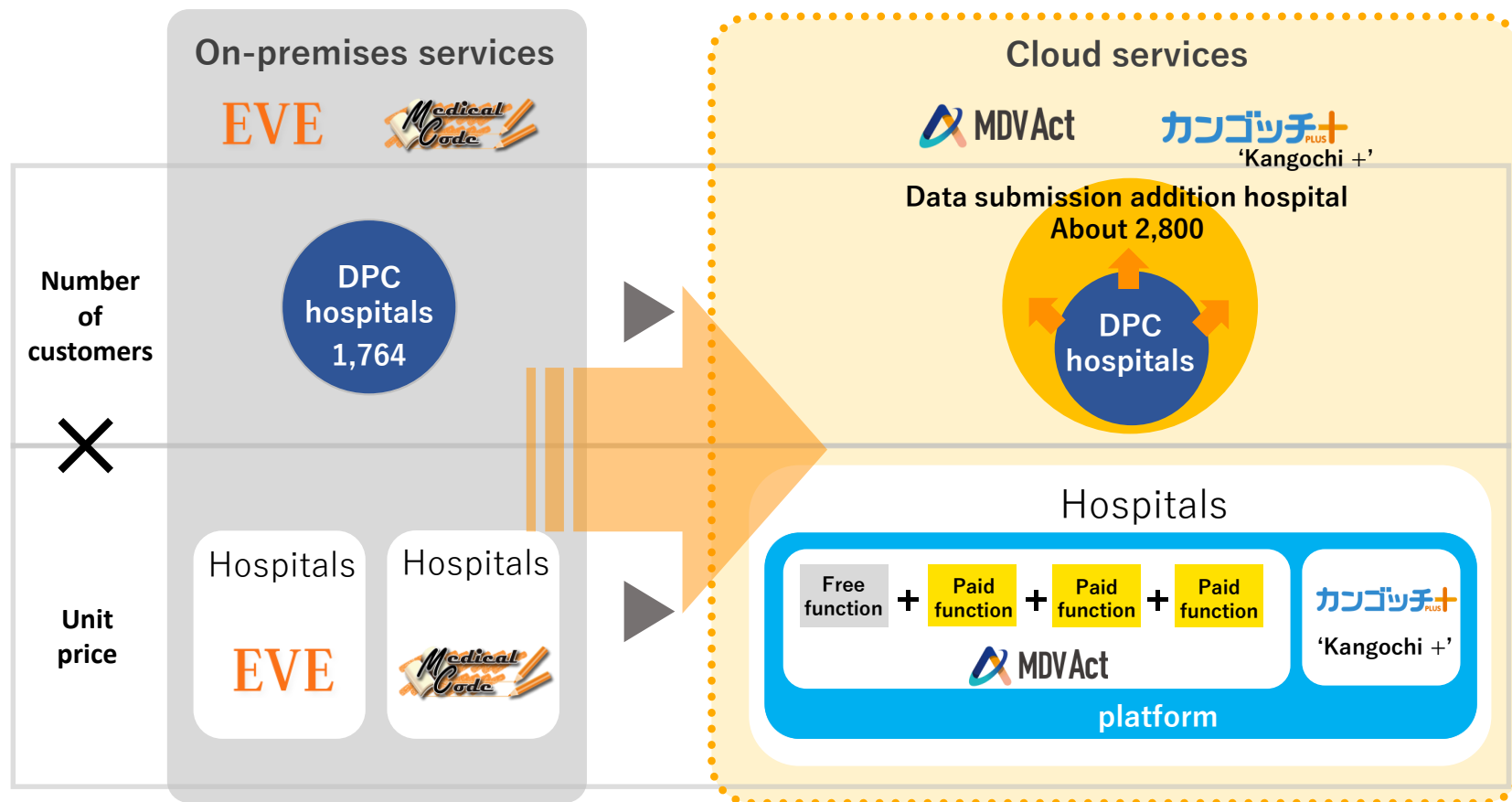
2

Expand sales of cloud-based medical check systems (‘Alpha Salus’)
→ **Further link presymptomatic data and DPC data to feed into future projections**

① Move to the cloud: customer base for hospital services

Promote instant uptake of paid MDV Act functionality by MDV clients

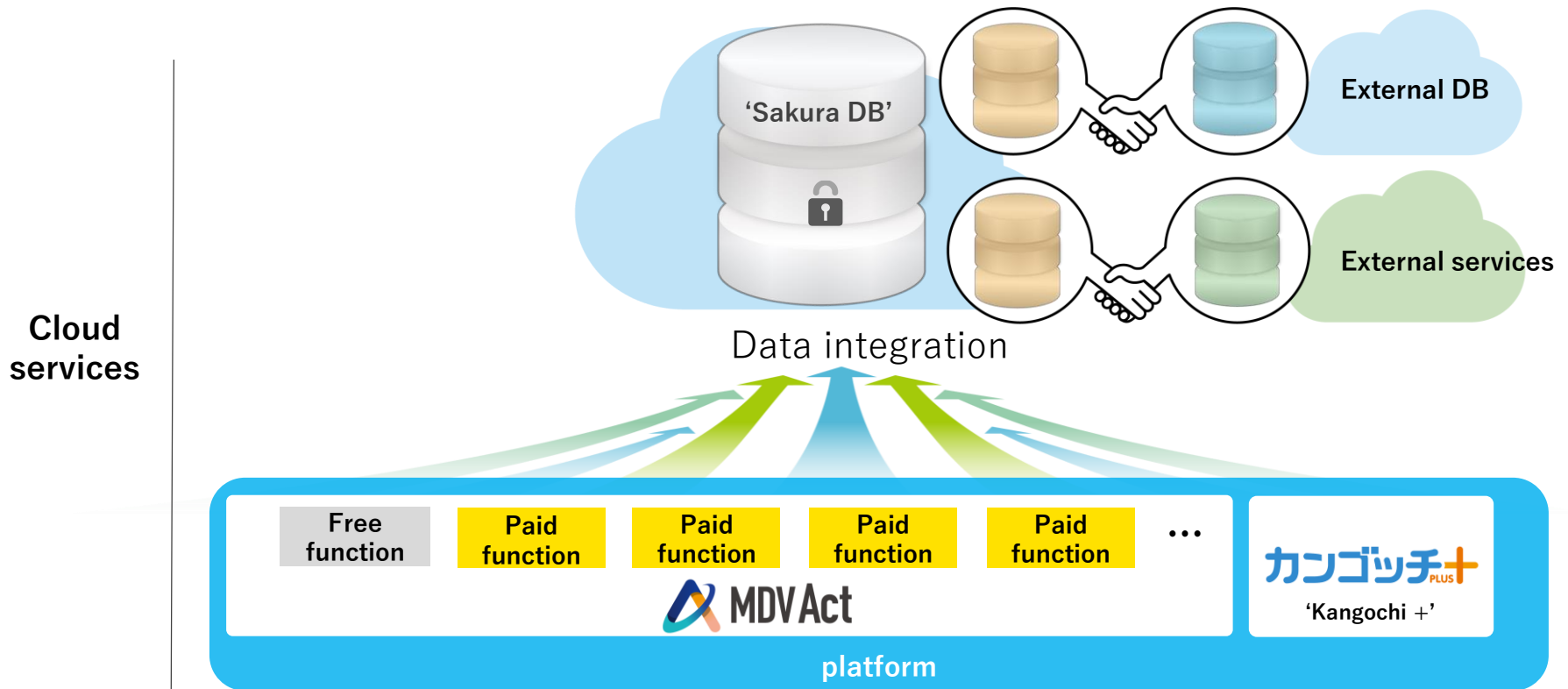
Raise the speed of service provision and improvement, thereby shortening the time required for data collection in the future



① Move to the cloud: the future beyond the shift to cloud operations

Shift to cloud makes external linkages easier

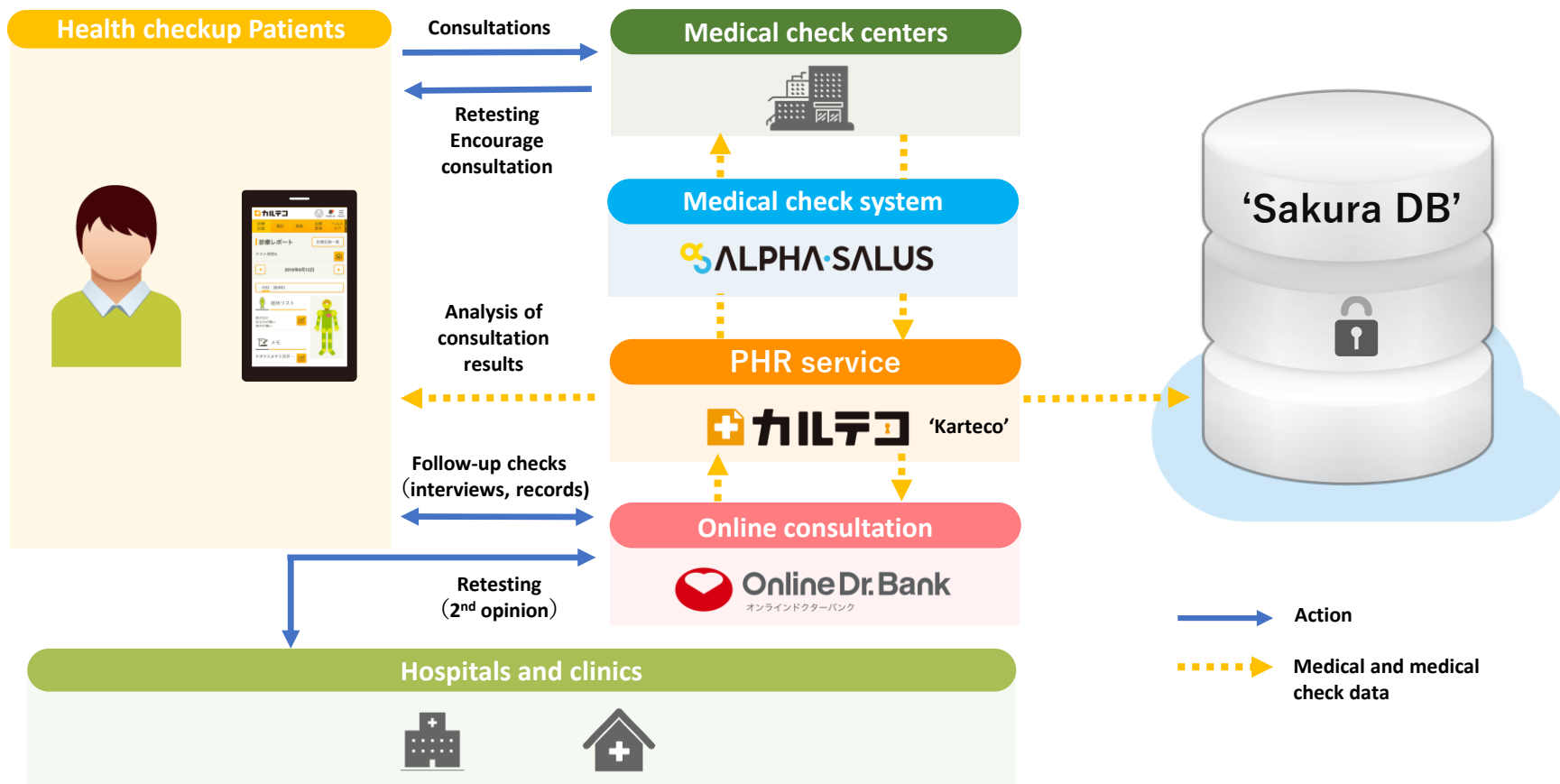
Collection and integration of medical data under our 「open alliance」 will lead to further growth in data utilization services



② Expand sales of cloud-based medical check systems

Total package through to PHR and consultation encouragement

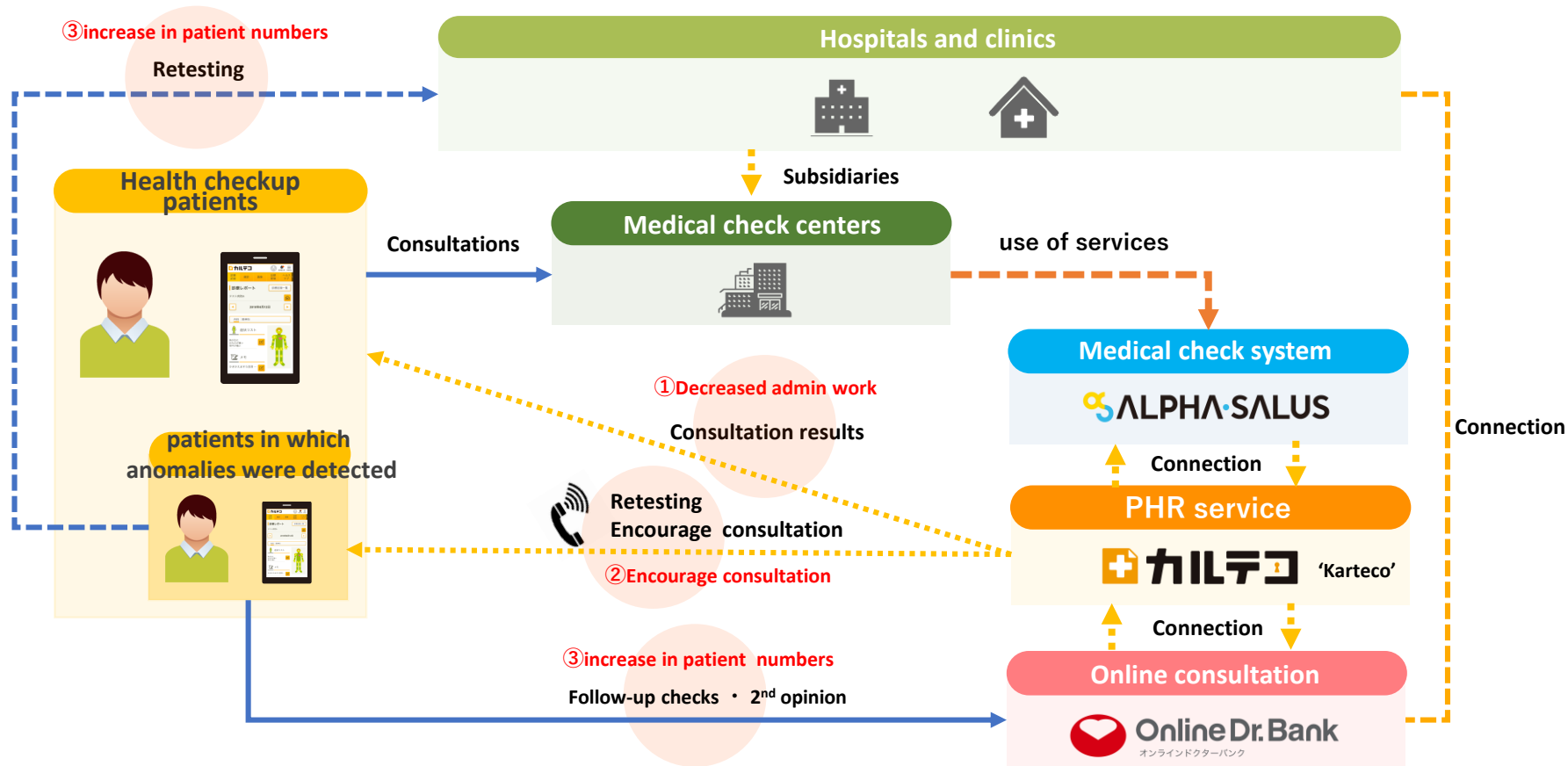
Try to guide patients in which anomalies were detected from medical checks toward hospitals, helping to solve a social issue



② Cloud-based medical check systems: sales strategy

Market a future vision, including 'Karteco', to hospitals

Working to encourage patients to get retested, an issue for hospitals and medical check centers, but also to create stronger links between presymptomatic data and DPC data to feed into future projections.



2

Customers: pharmaceutical makers, insurers, and other companies using data

Maintain share of expanding medical big data analytic services market

✓ Strengthen sales of Japan's largest insurers DB and forge new alliances

FY2023 strategy and focus points

3

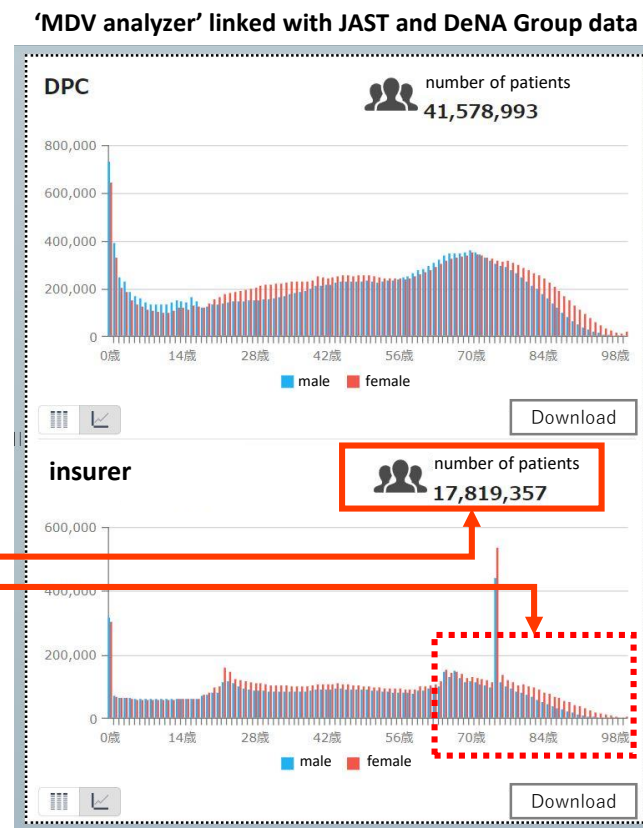
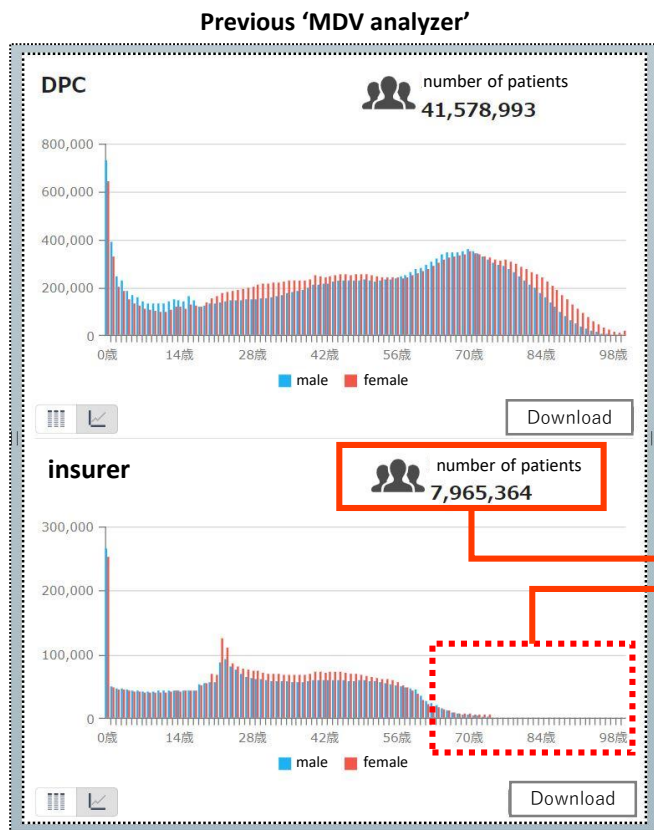
Secure new sales from insurer data

→ Secure market share using 3-way collaboration (DeNA Group · JAST※ · MDV)
insurer DB

③ Secure new sales from insurer data

Secure market share using 3-way collaboration insurer DB

Powerful insurer DB via collaboration between DeNA Group, JAST, and MDV
Explore further linkages to raise convenience for customers



3

Customers: alliance partners in the healthcare sector and general consumers

Upfront investment in B2C to feed into MDV growth from 2025

- ✓ Invest in healthcare B2C as a promising growth market

FY2023 strategy and focus points

4

Successfully upgrade 'Karteco', which is the entry point for B2C services
→ At the same time, make progress on incorporating new technologies such as vital sign sensing

④ Secure B2C business foundation: 'Karteco' upgrade

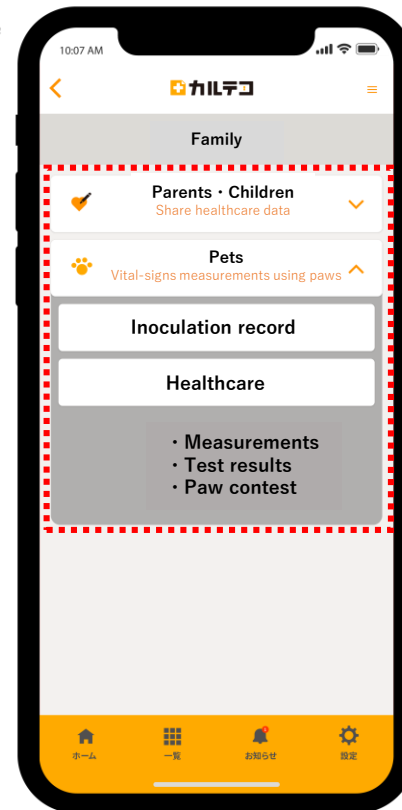
Incorporate new technologies such as vital sign sensing and AI analysis

Move into the field of AI-based preventative medicine leveraging medical check data and vital signs data

'Karteco' menu front page sample image



'Family' page sample image



*New sample images of under-development 'Karteco'

Vital signs sensing technology and cancer screening tests, etc.

Plan to link sensing technology to 'Karteco' in spring 2023

Screening tests could also be linked to the medical check business and 'Karteco'

SENSING Contactless sensing technology

High accuracy Contactless vital-signs sensing technology that uses only a camera-equipped handset

Competitive advantage An algorithm that removes shadows to eliminate the impact of light and pigment component separation technology that can measure the pulse very accurately

AIR BIOS Cancer screening test service

Growth market A market with rapid growth prospects that we intend to enter during 2023

Competitive advantage Creation of a cancer screening test service that can detect cancer easily, and safely using liquid biopsy technology

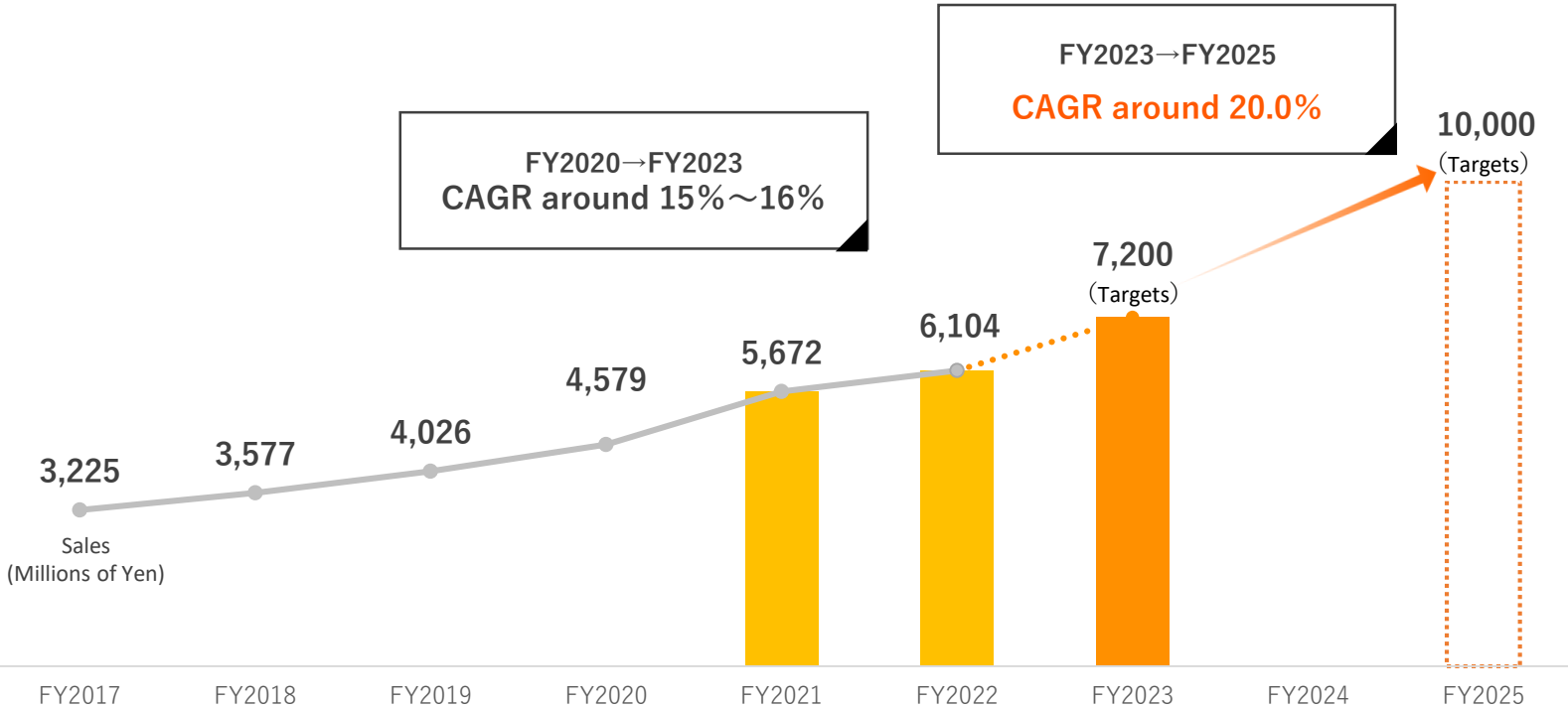
Transitioning from a medical check business model to a health tech and medical check data supply company

Medium-term management plan



FY2025 target sales and CAGR

Aim to accelerate growth through to FY2025 after a period of additional investment in FY2021-FY2023



Medium-term numerical targets already disclosed

Numerical targets for 2025 are as below

Targets based on existing or already planned business, possibility of greater performance

FY2025
Sales

10 Billion
yen

FY2025
Ordinary
Income

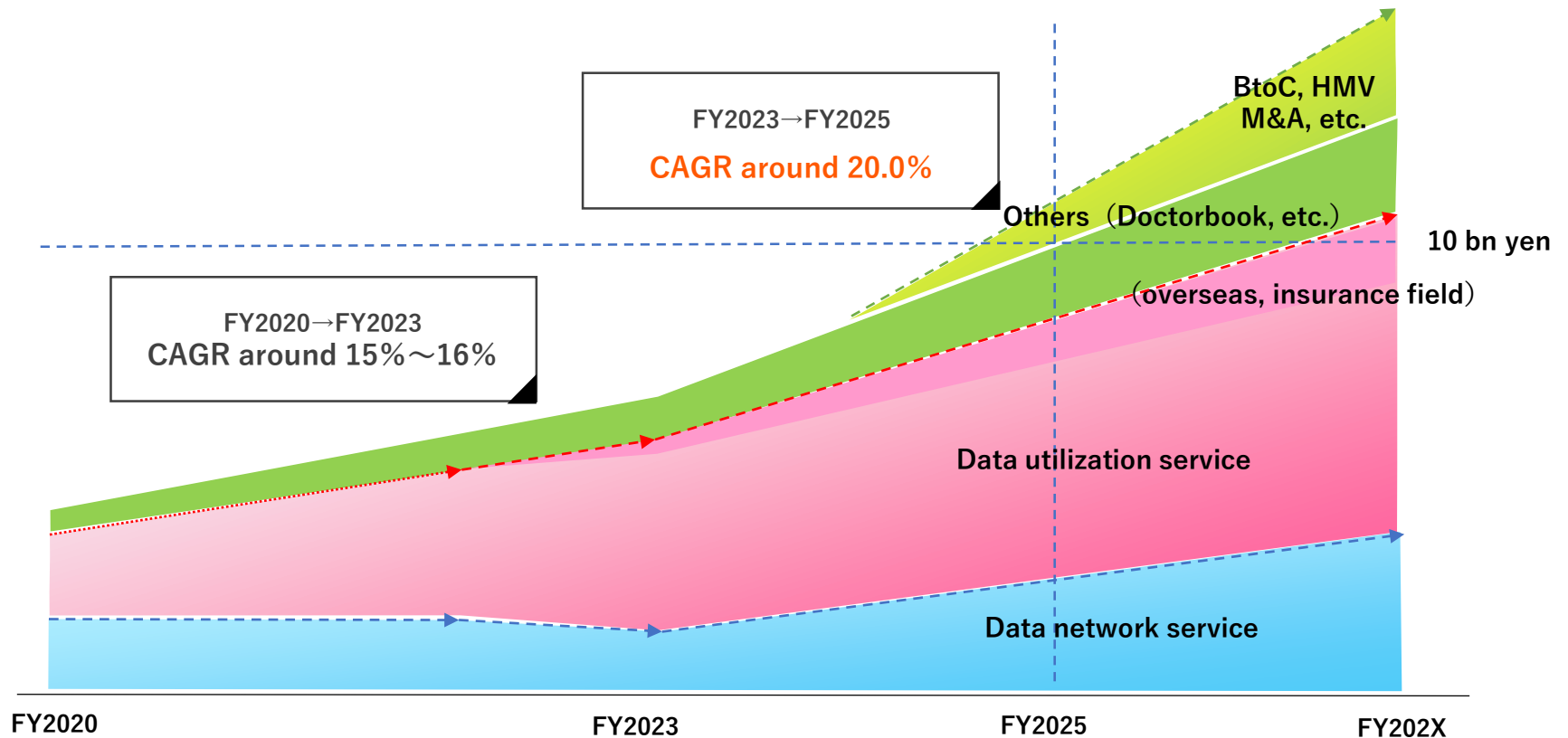
2.5 Billion
yen
or more

Management targets that will form the base of the plan

Target 2025 sales of 10bn yen in existing businesses

Aim to acquire revenue base to bolster growth business of data utilization service

Expect temporary fall in sales in data network service during shift to cloud
Current medium-term plan does not include sales from areas such as B2C, HMV



Three strategies to achieve 2025 sales of 10bn yen

Cloud shift and growth in medical check sales, maintain share of EBM market, invest in healthcare B2C

1

Customers: hospitals and affiliated health check centers, private clinics focused on health checks

Expand base of data mainly on cloud and maintain market share

✓ Promote sales of medical check systems, accelerate data links with 'Karteco'

2

Customers: pharmaceutical makers, insurers, and other companies using data

Maintain share of expanding medical big data analytic services market

✓ Strengthen sales of Japan's largest insurers DB and forge new alliances

3

Customers: alliance partners in the healthcare sector and general consumers

Upfront investment in B2C to feed into MDV growth from 2025

✓ Invest in healthcare B2C as a promising growth market

Merging of vision and strategies

Strategies through 2025 are in keeping with previous measures

10bn yen in sales from existing businesses achievable, laying the foundations for future growth in other fields

	Data network service	Data utilization service	Others (B2C, etc.)
Strategic target	Build bonds of trust with hospitals Gain understanding on data supply	Data accumulation and usage	Return medical data to patients Use in preventative medicine
Market size	Small (≒ no. of hospitals)	Medium (growing market)	Large (whole healthcare sector)
Earnings model type	【Stable】 Costs for support, etc. Secure funds for company base	【High-earning】 Few installation costs Source of high margins	【Upfront investment】 Needs upfront investment Share → rapid sales growth
Moves for 2025	Pursue shift to cloud Grow medical check system sales and maintain share	Maintain share of growing market Sales from overseas, insurance field	Upfront investment for new growth Create healthcare infrastructure
open alliance			

IR Contents in English

<https://en.mdv.co.jp/investor-relations/>

Contacts

<https://en.mdv.co.jp/application/contactus/form.php?investor-relations-category2>

This document provides information intended solely to help readers' understanding of Medical Data Vision Co., Ltd. (MDV). Thus, MDV has no intention to solicit or encourage investment for securities or financial products mentioned in this document. Also, readers are advised that this document is not a disclosure document or statement of financial performance as required by Japan's Financial Instruments and Exchange Act, Act on Investment Trusts and Investment Corporations, related cabinet orders, cabinet office ordinances or rules, the rules governing companies listed on the Tokyo Stock Exchange, or any other applicable rules. This document contains forward-looking statements, including forecasts of financial position, results of operations, and business-related matters, as well as statements related to the plans and goals of the management of Medical Data Vision Co., Ltd. (MDV). There are a number of known and unknown risks and uncertainties that can cause MDV's actual results or performance to differ materially from any explicit or implicit forecasts contained herein. These forward-looking statements also rest on a number of assumptions with regard to MDV's present and future management strategies, as well as the political and economical environments in which MDV will conduct its future business operations. Although the information contained in this document is the best available at the time of publication, no assurances can be given regarding the accuracy, certainty, validity or fairness of this information. The content of this document can be modified or withdrawn without prior notice.



Medical Data Vision Co.,Ltd.

7 KandaMitoshirocho,Chiyoda-ku,Tokyo,Japan 101-0053

TEL.03-5283-6911 FAX.03-5283-6811