



Briefing on Results for Fiscal Year 2021 & Medium-term Management Plan

– January to December 2021 –

February 14, 2022



Agenda

1. Overview of the CAC Group
2. Overview of Financial Results for FY2021
3. Overview of Financial Results by Segment
4. Forecasts for FY2022
5. CAC Vision 2030 and Medium-Term Management Plan
6. Reference



1

Overview of the CAC Group



Outline of the CAC Group

■ Founded	August 8, 1966
■ Business field	IT and healthcare services (System development, System operation & management, BPO services, Products & Services)
■ Head office	24-1, Nihonbashi-Hakozaki-cho, Chuo-ku, Tokyo
■ President & CEO	Ryota Nishimori
■ Capital	¥3,702 million
■ Stock listing	Tokyo Stock Exchange, First Section * (Securities Code : 4725)
■ Fiscal year-end	December 31
■ Group companies	19 companies (Japan : 6, Overseas : 13)
■ Consolidated employees	4,249

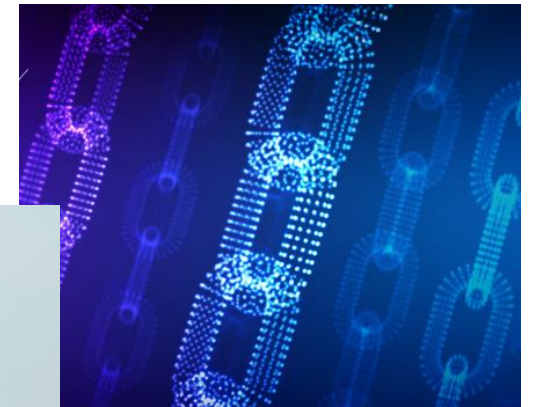
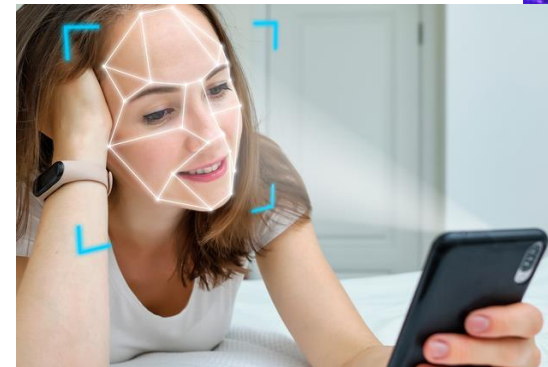
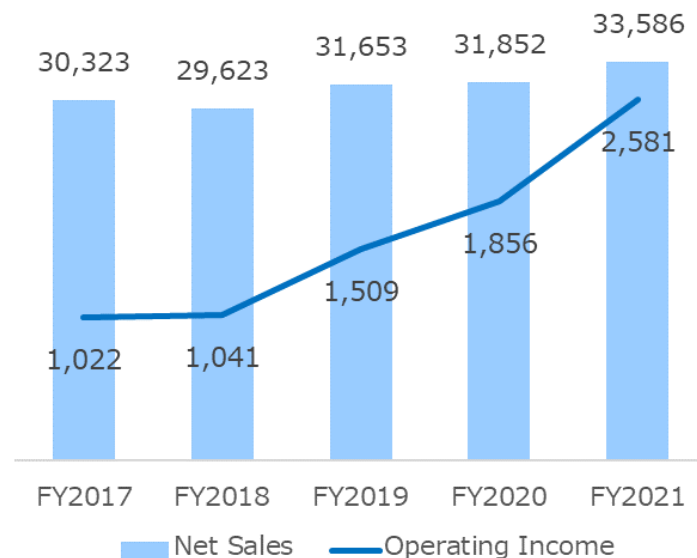
* Scheduled to move to the prime market in April 2022

As of December 31, 2021

Business 1 : Domestic IT

- Our subsidiaries in Japan provide system development services, system operation and management services, human resource BPO services, and other services.
- The Domestic IT business consists of CAC Corporation, descended from the founding companies, and four other CAC Group companies. It is a core business of the Group, accounting for 70% of total sales.
- The business is focusing on the shift from the physical to the digital, including AI and blockchain.

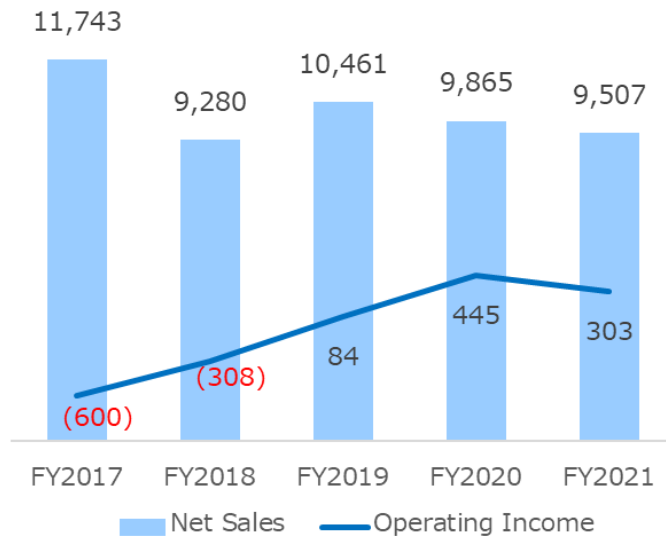
Trends in net sales and operating income (JPY mil)



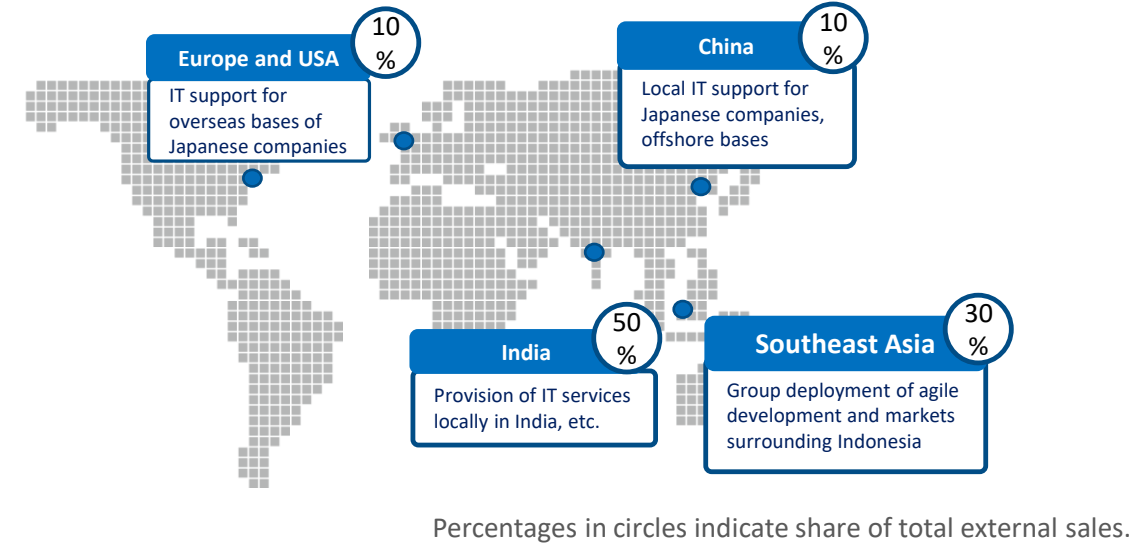
Business 2 : Overseas IT

- Our subsidiaries overseas provide services including systems development services, systems operation and management services, and maintenance services.
- The Overseas IT business consists of subsidiaries in India and Indonesia, which became subsidiaries through M&A, and subsidiaries in Europe, the United States and China, which provide support services for Japanese customers with overseas bases.

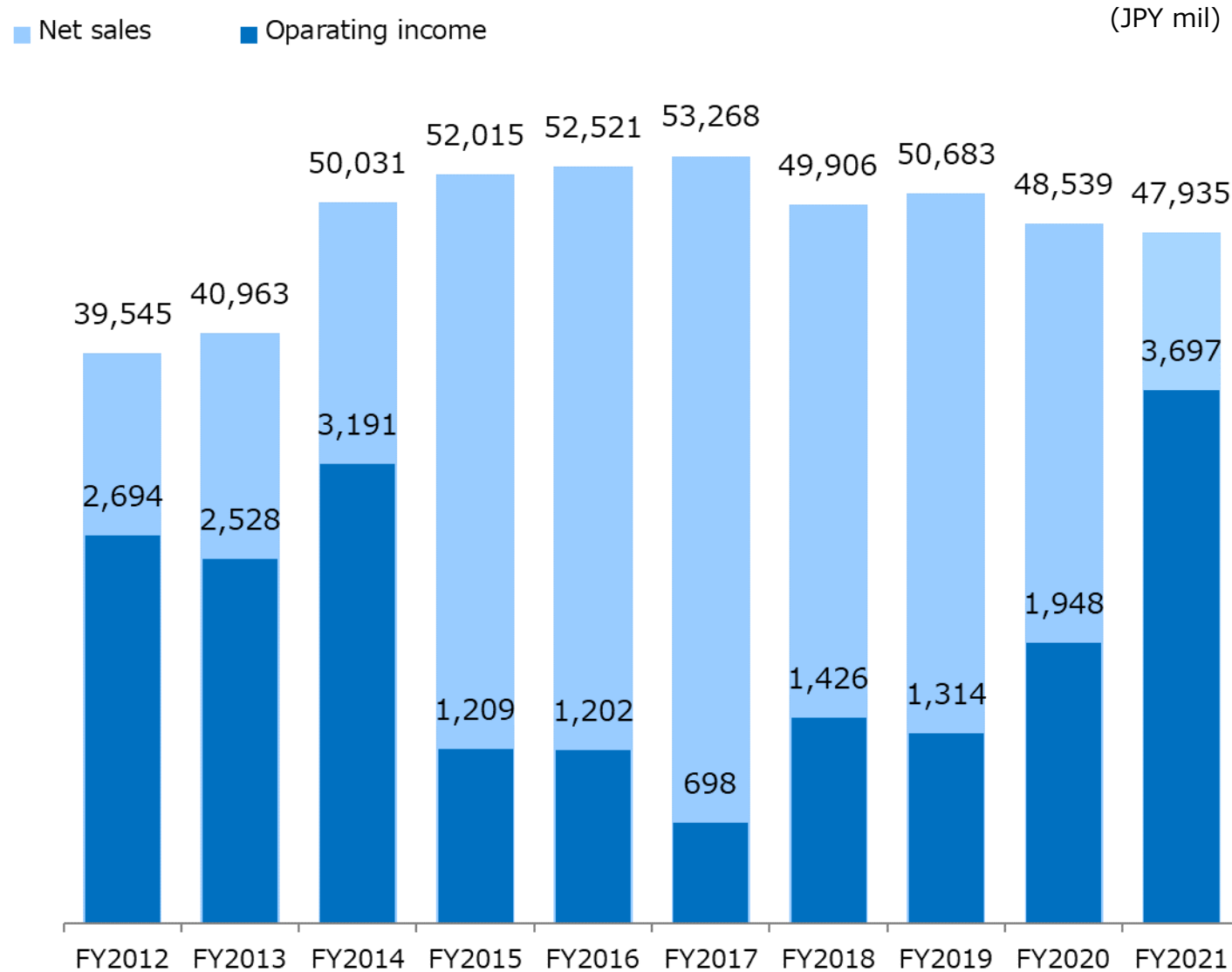
Trends in net sales and operating income (JPY mil)



Breakdown of services and net sales by subsidiary



Performance Trends





Stock price trends for the past 10 years





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Overview of Financial Results for FY2021

Overview of Consolidated Results

Net Sales and Operating Income by Segment

Orders and Order Backlog by Segment



TOPICS of FY 2021

- Domestic IT business performed solidly.
- Overseas IT business was driven by Indonesian subsidiary.
- The CRO business was transferred in June 2021 to concentrate management resources on the IT business.
- Profits increased, albeit partly due to temporary factors, and ROE also reached 8.8%.





Overview of Consolidated Results

(JPY mil)

	FY2020	FY2021	YoY	
			Amount	%
Net sales	48,539	47,935	(603)	(1.2)%
Gross profit	10,748	11,899	+1,150	+10.7%
(profit margin)	22.1%	24.8%	2.7pt	
SG & A	8,799	8,201	(598)	(6.8)%
Operating income	1,948	3,697	+1,748	+89.7%
(profit margin)	4.0%	7.7%	3.7pt	
Ordinary income	1,909	3,668	+1,759	+92.1%
(profit margin)	3.9%	7.7%	3.7pt	
Extraordinary income	1,067	313	(754)	(70.7)%
Extraordinary losses	277	3	(274)	(98.8)%
Total Extraordinary income and loss	790	309	(480)	(60.8)%
Net income*1	1,669	2,476	+807	+48.4%
(profit margin)	3.4%	5.2%	1.7pt	
Orders received	48,195	53,693	+5,497	+11.4%
Order backlog *2	10,617	11,848	+1,231	+11.6%

*1. Profit attributable to owners of parent

*2. With the transfer of shares in CAC Croit Co., Ltd. which made up the CRO segment, order backlogs of the CRO segment are excluded from the order backlogs for both of the year.

Outline of Profit and Loss

Net sales:

Net sales fell year on year mainly due to the impact of a decrease in sales associated with the exclusion of two subsidiaries from the scope of consolidation, despite solid performances by core company CAC Corporation and the subsidiary in Indonesia.

Operating income:

Operating income increased, primarily due to the improved operating rate of the core company and the elimination of the deficit in the CRO business.

Extraordinary income:

A gain on sale of shares of subsidiaries and associates of ¥270 million was recorded, associated with the transfer of shares in CAC Croit Co., Ltd. (present EP Croit Co., Ltd.), a subsidiary engaged in the CRO Business.

Outline of Orders Received and Order Backlog

Orders received:

Orders received grew, mainly in the Domestic IT and CRO segments

Order backlog:

Order backlogs held firm, mainly in the Domestic IT segment.





Net Sales and Operating Income by Segment

Net Sales

(JPY mil)

	FY2020		FY2021		YoY	
	Amount	vs Total	Amount	vs Total	Amount	%
Domestic IT	31,852	76.4%	33,586	77.9%	+1,733	+5.4%
Overseas IT	9,865	23.6%	9,507	22.1%	(358)	(3.6)%
Sub Total	41,718	100.0%	43,094	100.0%	+1,375	+3.3%
CRO	6,820	—	4,841	—	(1,978)	(29.0)%
Total	48,539	—	47,935	—	(603)	(1.2)%

Segment Income

	FY2020		FY2021		YoY	
	Amount	Profit rate	Amount	Profit rate	Amount	%
Domestic IT	1,856	5.8%	2,581	7.7%	+724	+39.0%
Overseas IT	445	4.5%	303	3.2%	(142)	(32.0)%
Sub Total	2,302	5.5%	2,885	6.7%	+582	+25.3%
CRO	(353)	—	812	16.8%	+1,165	—
Total	1,948	4.0%	3,697	7.7%	+1,748	+89.7%

▶ For details, please refer to the overview by segment.





Orders and Order Backlog by Segment

Orders Received

(JPY mil)

	FY2020		FY2021		YoY	
	Amount	vs Total	Amount	vs Total	Amount	%
Domestic IT	32,090	77.5%	34,538	77.6%	+2,448	+7.6%
Overseas IT	9,312	22.5%	9,943	22.4%	+630	+6.8%
Sub Total	41,402	100.0%	44,481	100.0%	+3,079	+7.4%
CRO	6,793	—	9,211	—	+2,417	+35.6%
Total	48,195	—	53,693	—	+5,497	+11.4%

Order Backlog

	FY2020		FY2021		YoY	
	Amount	vs Total	Amount	vs Total	Amount	%
Domestic IT	7,622	71.8%	8,418	71.0%	+795	+10.4%
Overseas IT	2,994	28.2%	3,430	29.0%	+435	+14.5%
Sub Total	10,617	100.0%	11,848	100.0%	+1,231	+11.6%

▶ For details, please refer to the overview by segment.





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Overview of Financial Results by Segment

Domestic IT

Overseas IT



Overview by Segment : Domestic IT

(JPY mil)

	FY2020	FY2021	YoY	
Orders Received	32,090	34,538	+2,448	+7.6%
Net Sales	31,852	33,586	+1,733	+5.4%
Segment Income	1,856	2,581	+724	+39.0%
profit margin	5.8%	7.7%	—	+1.9pt
Order Backlog	7,622	8,418	+795	+10.4%

Summary

- Both orders received and net sales grew, primarily attributable to large project wins and an increase in new customers, despite the effect of deconsolidation (1 subsidiary).
- Segment profit also increased, mainly attributable to an improvement in the engineer operation rate in addition to the increased revenue.
- Order backlogs were also firm.





Overview by Segment : Overseas IT

(JPY mil)

	FY2020	FY2021	YoY	
Orders Received	9,312	9,943	+630	+6.8%
Net Sales	9,865	9,507	(358)	(3.6)%
Segment Income	445	303	(142)	(32.0)%
profit margin	4.5%	3.2%	–	(1.3)pt
Order Backlog	2,994	3,430	+435	+14.5%

Summary

- Orders received increased, primarily owing to increased orders at subsidiaries in Indonesia and China.
- Sales growth similarly driven by subsidiaries in Indonesia and China was offset by sharp declines in the sales of the subsidiary in India.
- Segment income fell, severely impacted by the decreased sales of the subsidiary in India.
- Order backlogs were firm.





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Forecast for FY2022

Forecast for FY2022

- The Domestic IT business is expected to perform solidly. The subsidiary in India aims for recovery of income.
- Net sales and operating income are expected to decline, largely attributable to exclusion of the CRO business from the scope of consolidation.
- Investment based on the Medium-Term Management Plan will also be made.

(JPY mil)			
	FY2020 Result	Forecast FY2022	%
Net Sales	47,935	45,000	(6.1)%
Operating Income	3,697	3,000	(18.9)%
(profit margin)	7.7%	6.7%	
Ordinary Income	3,668	2,900	(20.9)%
(profit margin)	7.7%	6.4%	
Net Income	2,476	2,000	(19.2)%
(profit margin)	5.2%	4.4%	
(JPY:Yen)			
Dividend	60	60	0

Net income is net income attributable to owners of the parent company.



Forecast for FY2022 by Segment

Net Sales

(JPY mil)

	FY2021 Result		Forecast FY2022		YoY	
	Amount	%	Amount	%	Amount	%
Domestic IT	33,586	77.9%	34,000	75.6%	+413	+1.2%
Overseas IT	9,507	22.1%	11,000	24.4%	+1,492	+15.7%
Sub Total	43,094	100.0%	45,000	100.0%	+1,905	+4.4%

(Reference)

CRO	4,841	—	0	—	(4,841)	(100.0)%
Total	47,935	—	45,000	—	(2,935)	(6.1)%

Segment Income

	FY2021 Result		Forecast FY2022		YoY	
	Amount	vs	Amount	vs	Amount	%
Domestic IT	2,581	7.7%	2,400	7.1%	(181)	(7.0)%
Overseas IT	303	3.2%	600	5.5%	+296	+97.8%
Sub Total	2,885	6.7%	3,000	6.7%	+114	+4.0%

(Reference)

CRO	812	—	0	—	(812)	—
Total	3,697	7.7%	3,000	6.7%	(697)	(18.9)%





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CAC Vision 2030 & Medium-Term Management Plan

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CAC Vision 2030



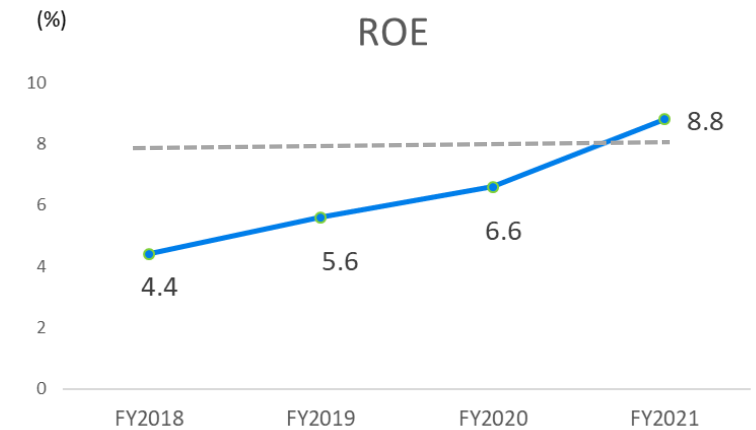
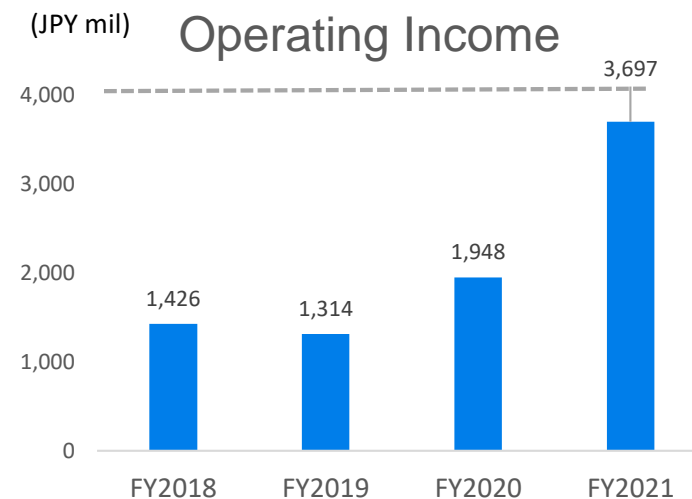
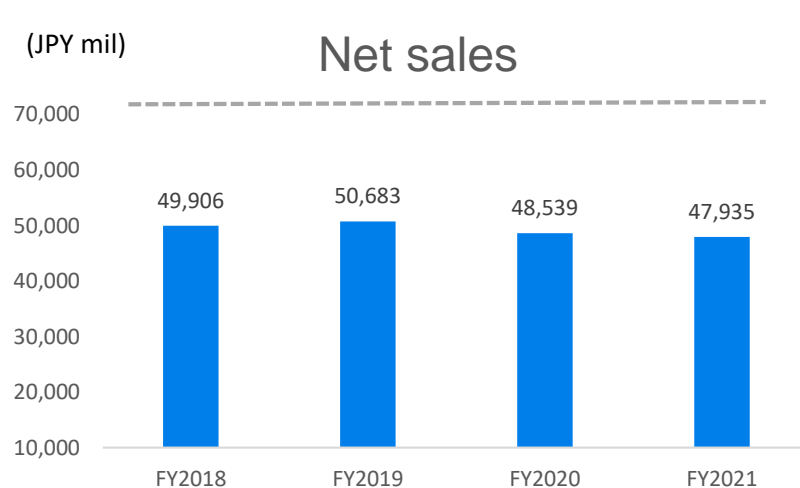
Review of the Previous Medium-Term Strategy (FY2018-FY2021) 【Numerical Targets】

Net sales: Sales growth was not achieved, with actual net sales falling short of the initial target (70 billion yen)

Operating income: Although the initial target (4 billion yen) was not reached,
operation income improved significantly over the four years

ROE: The initial target (8%) was achieved.

Whilst external factors also played a part, the fact that the numerical targets were revised a few times is recognized as an issue.



*Added ROE 8% to numerical targets in February 2019

*Lowered net sales target to 55 billion yen and operating income target to 3 billion yen in February 2020

*Lowered net sales target to 51 billion yen, operating income target to 2.6 billion yen and target ROE to 7% in February 2021





Review of Previous Medium-Term Strategy (FY2018-FY2021) 【Qualitative Analysis】

Basic policies

Item	Results
Separation of management and execution	Separated supervising function and business execution function
Mobile implementation of business by more speedy decision making	Appointed executive officer responsible for each business domain. Sought business expansion and clarified accountability for results of each domain.
Improvement of capital efficiency and strengthening of return to shareholders	Maintained stable dividends. Cancelled treasury shares (1 million shares). Purchased treasury shares (approx. 3 billion yen).
Promotion of value sharing with shareholders	Introduced stock compensation plan

Priority measures

Item	Results
Construct a high revenue model	<ul style="list-style-type: none">• Returned domestic It business to profitability• Improvement of revenue in India is still underway, partly due to the effects of COVID-19.• The subsidiary in Indonesia acquired in autumn 2019 contributed to revenue.
Step up investment and financial strategies	<ul style="list-style-type: none">• Investment and financial strategies are still conservative, partly due to the effects of COVID-19
Press ahead intensively with initiatives for digital transformation (DX)	<ul style="list-style-type: none">• Increased share of digital projects (22%→47%)• Transferred CRO business to concentrate management resources on DX initiatives, and achieved selection and concentration.
Create new businesses	<ul style="list-style-type: none">• No progress was made on creating new businesses, including M&A

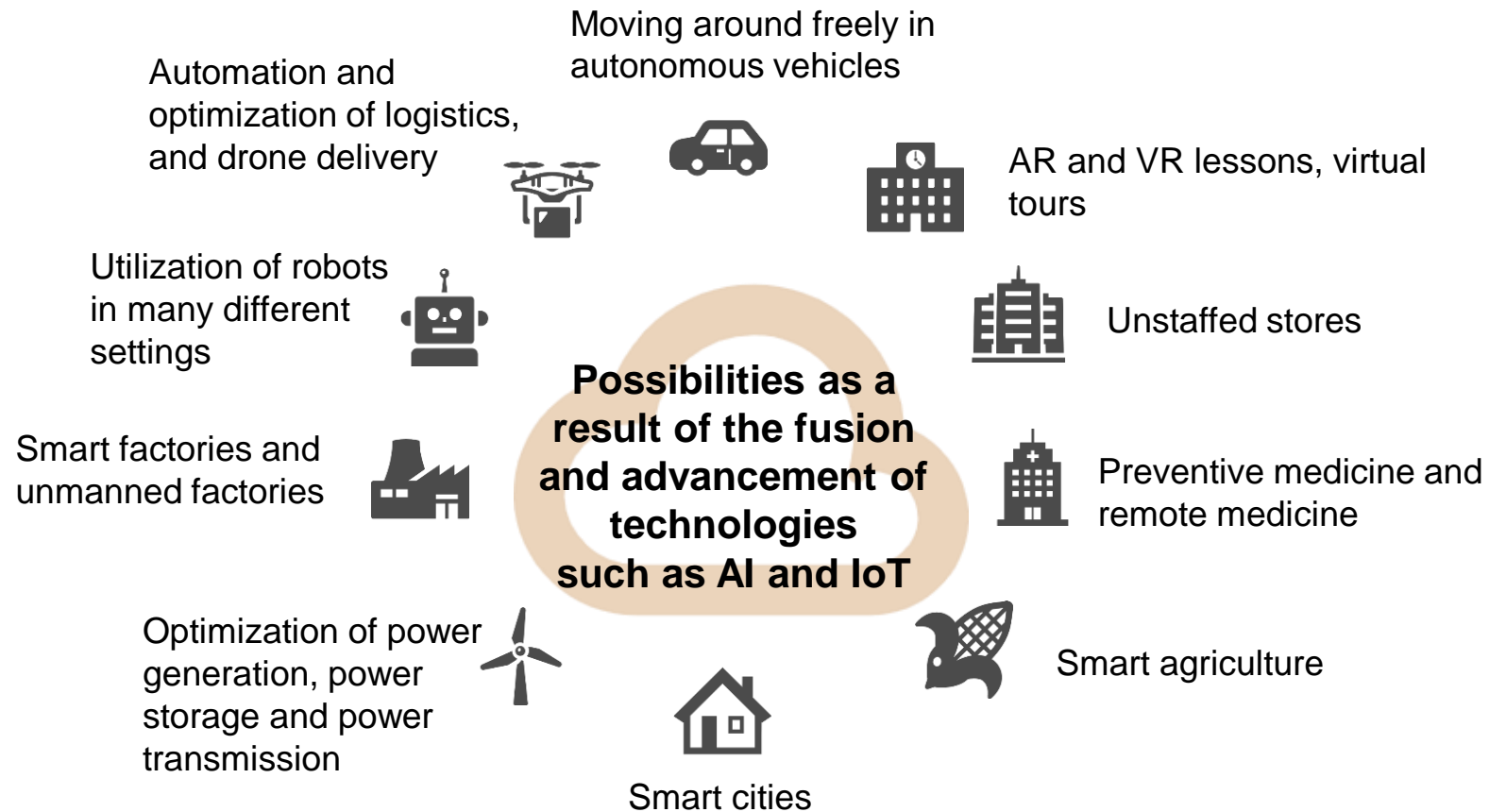
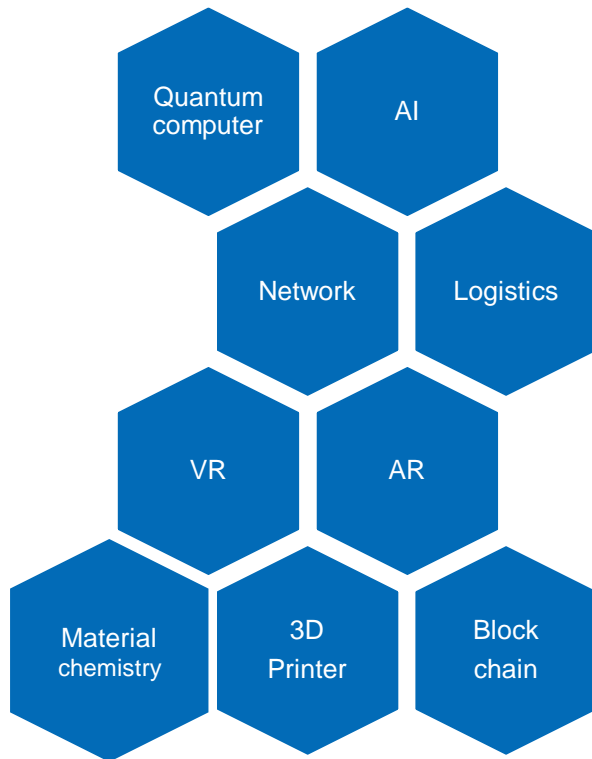
Given the dramatically changing environment surrounding the Group, including the impact of COVID-19, accelerating DX and circumstances overseas, performance was mixed, with some successes and some issues which still need to be addressed.



What We Imagine in 2030

2030: Accelerated DX

Convergence:
The fusion of technologies



Reference material: *The Future is Faster Than You Think* by Peter Diamandis and Steven Kotler, 2020



Background to Formulation of CAC Vision 2030

Formulate and share a long-term vision aimed at sustainable growth, unaffected by short-term volatility, precisely because the environment surrounding the Group is changing dramatically

Corporate philosophy = Our mission and raison d'etre

Creating new value on a global level with the use of the latest ICT



CAC Vision 2030

Align the vectors of the Group's operations by formulating and sharing the kind of Group we want to be 10 years from now and the direction we must head.

Realize sustainable growth through the appropriate allocation of resources.





CAC Vision 2030

Evolving into a corporate group that consistently makes a positive impact on society, with technologies and ideas

We will take on challenges with pride and responsibility for our efforts. By combining leading-edge technologies with innovative ideas, without being bound by precedent or preconceptions, we continue to tackle social issues.

By making a positive impact continually, we can definitely enrich society.

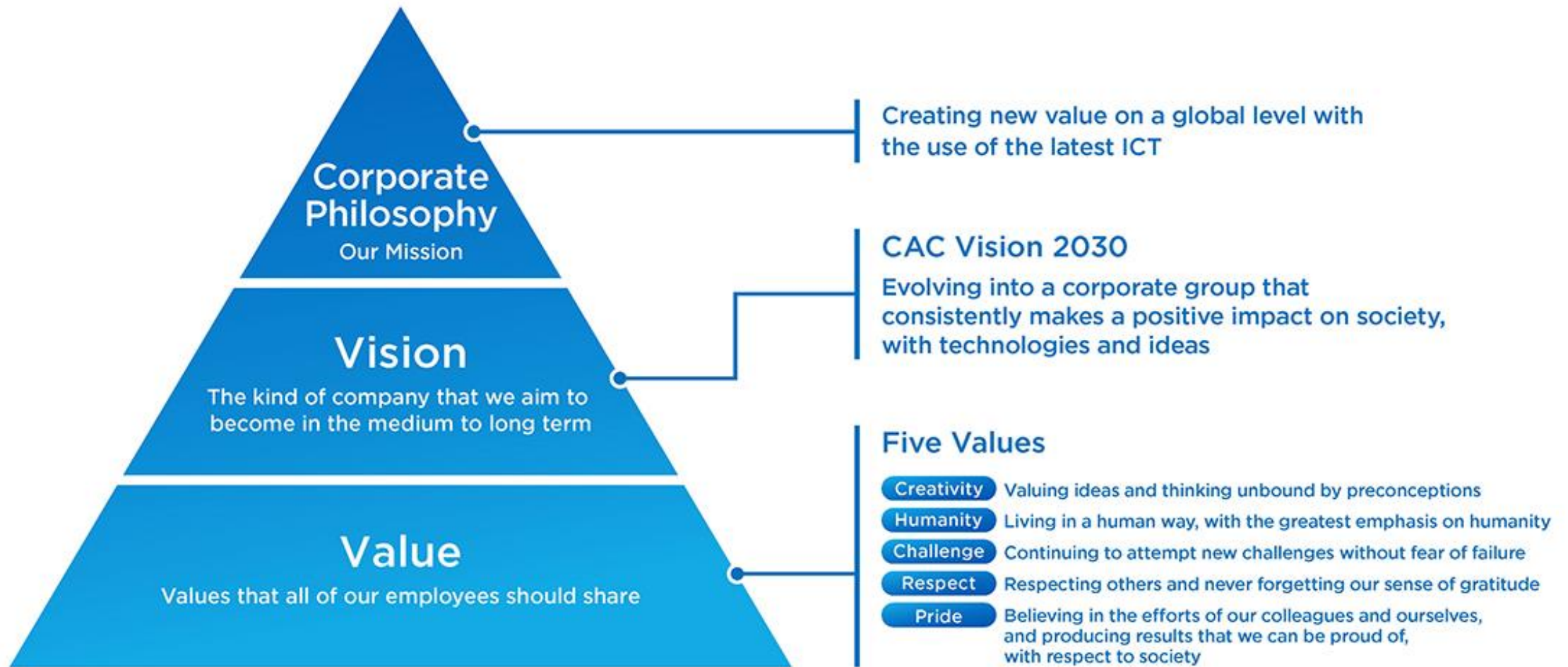
We will make changes, together with people who share the same values. Let's get started.

*Let's make an **i**mpact.*





CAC Vision 2030 / Corporate Philosophy · Vision · Value





Definition of "Positive Impact?"

Providing the means through digital technology and data such as AI and IoT for people to be able to demonstrate their diverse imagination and creativity

Examples of initiatives underway or under consideration

Realization of an inclusive society through universal design

- Manual door opening system combining automatic door opening system and AI gesture recognition technology

Regional revitalization

- Monitoring through face recognition and people flow detection
- Facial recognition pay system and regional points system to encourage local production for local consumption

Contribution to health

- Health promoting features in Kokoro Sensor for Communication

Improvement of labor productivity

- Utilization of AI and AR in logistics settings for anomaly detection and picking, receiving and inventory checking operations
- Management of materials on construction sites, etc., through the use of AI and AR

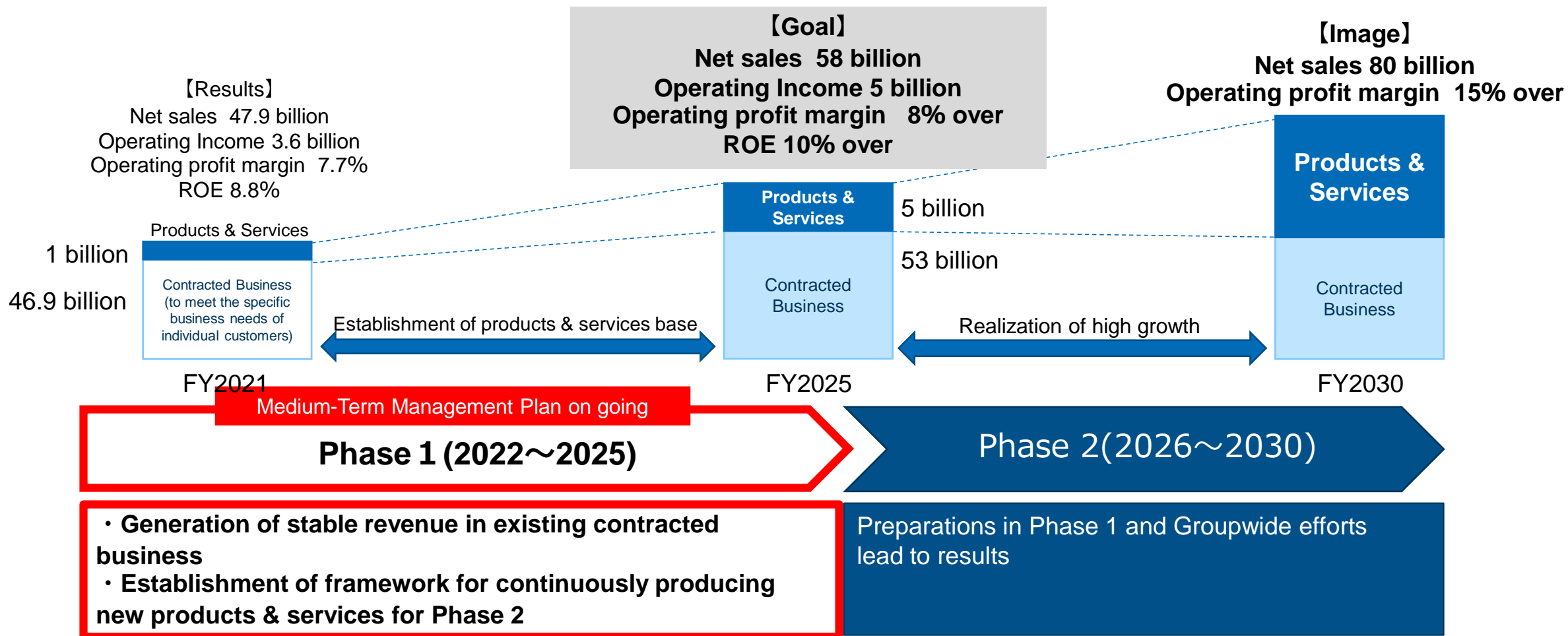




Quantitative image

Transform into a **high profit, high growth** Digital Solutions (*) Provider for achievement of CAC Vision 2030

*Combination of digital products and services (consulting and support) to lead the way in solving customer issues





Management style, corporate culture, and behavioral characteristics under the CAC Vision 2030

Nature of Management

- Management is committed to realization of CAC Vision 2030.
- Human resources with the management skills necessary for achievement of CAC Vision 2030 have been defined and are being developed/hired based on the defined skills.
- Efforts are being focused on sustainability management.
 - Continued initiatives for the diversity of human resources
 - Active investment in human resources, which are the Group's most important asset
- Plan to invest in business growth and to balance stakeholder returns with reinvestment of investment returns in business.

Corporate culture and behavior characteristics sought in employees

- Entrepreneurial spirit and ability to think for themselves.
- Employees whose work performance leads to their own personal growth and to the growth of both customers and the CAC Group.
- Employees who lead and guide customers, taking pride in their own work.



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Medium-Term Management Plan 2022-2025



Outline of Medium-Term Management Plan (Phase 1: FY2022~ FY2025)

Period for earning stable revenue in existing contracted business and for building framework for continuously producing new products & services in preparation for phase 2

Growth strategies

<Products and services>

- Building of framework/business base for continuously establishing new businesses
- Collaborative creation based on the concept **Human Centered Technology**
- Implementation of business investment and investment in human resources. Approx. 15 billion yen.

<Existing contracted business>

- Achievement of growth alongside expansion in internal resources

High-profit strategy

- Reorganization of unprofitable business
 - Improvement of management efficiency
- Improvement of approx. 1 billion yen

Corporate

- Review of Group governance structure and operating method
- Reform of organizational culture

Evolving into a corporate group that consistently makes a positive impact on society, with technologies and ideas.





Definition of Human Centered Technology

CAC's solutions concept for the DX era

Unprecedented value creation

We provide reactive value through systems that observe people by utilizing AI and IoT.



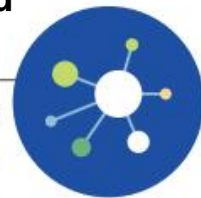
Making people happy and creating healthy environments with AI

With the use of AI, we help build healthy lifestyle and work environments that enable people to lead healthy lives.



Broad provision of advanced elemental technologies

Various AI implementations such as emotion recognition, pulse wave estimation, face recognition, posture and motion estimation, object detection, exterior inspection and chronological data analysis, along with blockchain, etc.



Achieving workstyle reforms by promoting DX

By introducing IoT, 5G, AI and other technologies into business operations in a way that utilizes people, we facilitate workstyle reforms and improved business efficiency.



Environments designed for value creation that let people flourish

Striving to create environments designed for value creation that let people flourish. We develop environments that let people concentrate on the tasks that can only be performed by people, enhancing their creativity.



Support for the development of DX

We provide support on how to utilize advanced technologies to transform business models and boost competitiveness.



AI is at the center of Human Centered Technology, and CAC aims to utilize AI in order to observe people, utilize human resources and promote human health.





What is Human Centered Technology

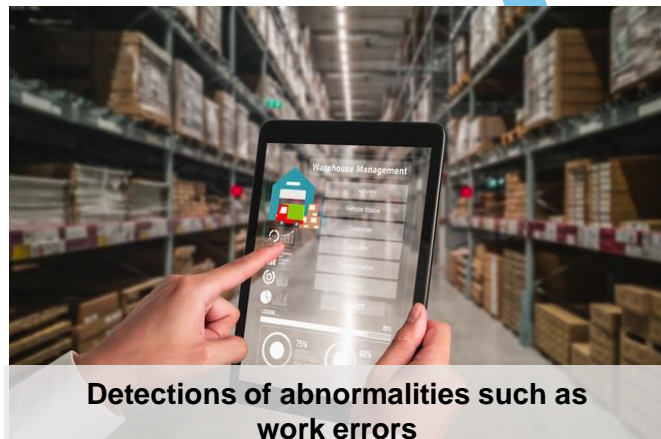
Manufacturing



Medical / long-term care

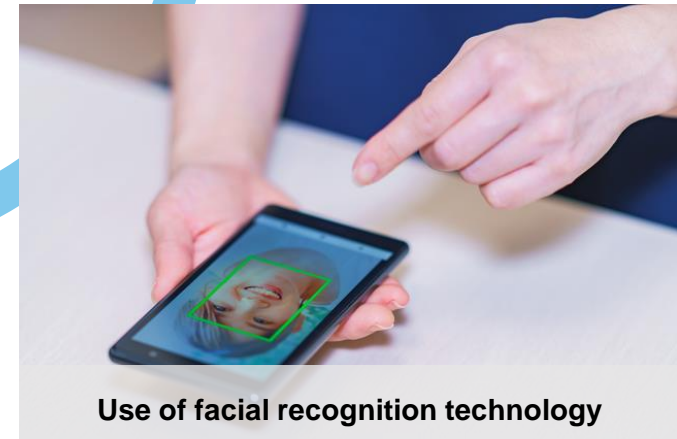


Logistics



**Collaborative creation
with various partners**

Financials





Business structure in the Medium-term Management Plan

Segment	Targeted domains	Details
Domestic IT Business	Existing domains	Focus on existing contracted business
	New business domains (mainly products & services)	<ul style="list-style-type: none">• Undertake new business creation within the CAC Group• Promote business startup led by dedicated business unit established at CAC• Make investments through M&A and alliances with respect to the functions and elemental technologies which are insufficient within the Group <p>*Overseas projects are recorded under Overseas IT Business.</p>
Overseas IT Business	United States	Provide support for local subsidiaries of Japanese companies as well as joint support for global projects with alliance partners (overseas IT vendors, etc.)
	Europe	
	China	Seek to expand orders received for projects for local projects among both Japanese and non-Japanese companies whilst focusing on contracted business (mainly Japan offshore market)
	India	Focus on local projects mainly in India Aim to improve profitability by continuously implementing structural reform initiatives
	Indonesia	Play a leading role in agile development within the CAC Group , whilst focusing on contracted business in Indonesia and Australia





Medium-term Management Plan : CAC group slogan

*Let's make an **i**mpact.*





6

Reference

Orders Received by Industry

Net Sales by Industry

Orders Received by Segment and Industry

Net Sales by Segment and Industry



Orders Received by Industry (except CRO)

(JPY mil)

	FY2020		FY2021		YoY	
	Amount	%	Amount	%	Amount	%
Financials	12,781	30.9%	13,561	30.5%	+780	+6.1%
Pharmaceuticals	5,555	13.4%	7,469	16.8%	+1,913	+34.5%
Manufacturing	6,782	16.4%	6,939	15.7%	+156	+2.3%
Information & Communications	5,302	12.8%	7,716	17.3%	+2,413	+45.5%
Services and Others	10,980	26.5%	8,795	19.8%	(2,185)	(19.9)%
Total	41,402	100.0%	44,481	100.0%	+3,079	+7.4%

* Due to transferred shares of CAC Croit which constitutes the CRO segment, CRO orders are excluded.





Net Sales by Industry (except CRO)

(JPY mil)

	FY2020		FY2021		YoY	
	Amount	%	Amount	%	Amount	%
Financials	13,086	31.4%	13,403	31.1%	+316	+2.4%
Pharmaceuticals	5,116	12.3%	7,271	16.9%	+2,154	+42.1%
Manufacturing	7,113	17.1%	7,063	16.4%	(49)	(0.7)%
Information & Communications	5,400	12.8%	6,537	15.2%	+1,136	+21.0%
Services and Others	11,001	26.4%	8,818	20.5%	(2,182)	(19.8)%
Total	41,718	100.0%	43,094	100.0%	+1,375	+3.3%

* Due to transferred shares of CAC Croit which constitutes the CRO segment, CRO net sales are excluded.





Orders Received by Segment and Industry (except CRO)

(JPY mil)

	FY2020		FY2021		YoY	
	Amount	%	Amount	%	Amount	%
Domestic IT	32,090	77.5%	34,538	77.6%	+2,448	+7.6%
Financials	9,939	24.0%	10,796	24.3%	+856	+8.6%
Pharmaceuticals	5,231	12.6%	7,103	16.0%	+1,871	+35.8%
Manufacturing	5,388	12.1%	5,789	13.0%	+400	+7.4%
Information & Comm	2,739	6.6%	3,579	8.0%	+839	+30.6%
Services and Others	8,790	21.2%	7,269	16.3%	(1,520)	(17.3)%
Overseas IT	9,312	22.5%	9,943	22.4%	+630	+6.8%
Financials	2,841	6.9%	2,765	6.2%	(76)	(2.7)%
Pharmaceuticals	324	0.7%	366	0.8%	+42	+13.0%
Manufacturing	1,393	3.4%	1,149	2.6%	(244)	(17.5)%
Information & Comm	2,562	6.2%	4,136	9.3%	+1,574	+61.4%
Services and Others	2,189	5.3%	1,525	3.4%	(664)	(30.3)%
Total	41,402	100.0%	44,481	100.0%	+3,079	+7.4%

* Due to transferred shares of CAC Croit which constitutes the CRO segment, CRO orders are excluded.





Net Sales by Segment and Industry (except CRO)

(JPY mil)

	FY2020		FY2021		YoY	
	Amount	%	Amount	%	Amount	%
Domestic IT	31,852	76.4%	33,586	77.9%	+1,733	+5.4%
Financials	10,106	24.2%	10,681	24.8%	+574	+5.7%
Pharmaceuticals	4,778	11.5%	6,930	16.1%	+2,152	+45.0%
Manufacturing	5,531	13.3%	5,769	13.4%	+238	+4.3%
Information & Comm	2,934	7.0%	3,200	7.4%	+265	+9.1%
Services and Others	8,502	20.4%	7,004	16.3%	(1,497)	(17.6)%
Overseas IT	9,865	23.6%	9,507	22.1%	(358)	(3.6)%
Financials	2,980	7.1%	2,721	6.3%	(258)	(8.7)%
Pharmaceuticals	338	0.8%	341	0.8%	+2	+0.8%
Manufacturing	1,581	3.8%	1,294	3.0%	(287)	(18.2)%
Information & Comm	2,466	5.9%	3,336	7.7%	+870	+35.3%
Services and Others	2,499	6.0%	1,814	4.2%	(685)	(27.4)%
Total	41,718	100.0%	43,094	100.0%	+1,375	+3.3%

* Due to transferred shares of CAC Croit, which constitutes the CRO segment, CRO net sales are excluded.





Major News in the Second Half of FY2021



Major News in the Second Half of FY2021 (1/3)

2021/7/20	<p>ARK Systems launches monitoring setting support service for Zabbix users</p> <p>ARK Systems launched a service for performing or supporting the task of adding monitoring settings to the open source monitoring software provided by Zabbix Japan. The service reduces the research and configuration that users of Zabbix need to do in order to add monitoring settings, enabling expansion of monitoring using Zabbix with minimum effort and minimum cost.</p>
2021/7/27	<p>CAC and Unzen City Sign Agreement to Promote Digitization and Tourism ～ Collaboration for the Dispatch of IT Human Resource, Workcations and Regional Revitalization under the Regional Revitalization Entrepreneurs System ～</p> <p>CAC concluded an agreement with Unzen City, Nagasaki Prefecture, on July 5, 2021 to promote digitization and tourism. Under the agreement, CAC will dispatch employees (IT human resources) to Unzen City using the Regional Revitalization Entrepreneurs System, to promote digitization aimed at improving the services for residents of Unzen City. The agreement period is from July 5, 2021 to March 31, 2022. Employees dispatched by CAC are planning to work on further development of tourism and primary industry by utilizing digital technology, and on the promotion of more efficient, sophisticated operations through the digitization of Unzen City Hall.</p>
2021/8/24	<p>CAC Holdings Selects Prime Market under New Market Segments</p> <p>CAC Holdings received the results of the first assessment from Tokyo Stock Exchange, Inc. regarding the status of compliance with the continued listing criteria on the new market segments dated July 9, 2021 and confirmed that it is in compliance with the continued listing criteria on the Prime Market. In response to this notification, the Board of Directors passed a resolution to select listing on the Prime Market.</p>
2021/8/30	<p>CAC Concludes a Location Agreement in Connection with the Nagasaki No. 2 Center (tentative name)</p> <p>CAC signed location agreements for Nagasaki No. 2 Center (tentative name) with Nagasaki Prefecture and Nagasaki City. CAC plans to move into the NBC building and open Nagasaki No. 2 Center in the building in November 2021 (already opened).</p>





Major News in the Second Half of FY2021 (2/3)

2021/9/2	<p>CAC Starts Demonstration Experiment for delivery driver insurance using high precision positioning information of Quasi-Zenith Satellite System (QZSS) Michibiki and blockchain technology ~ Selected in 2021 Demonstration Project Open Call Using Michibiki ~</p> <p>CAC started on the demonstration experiment after its proposal for a delivery driver insurance system using blockchain technology was selected in 2021 Demonstration Project Open Call Using Michibiki organized by the Cabinet Office and Quasi-Zenith Satellite System Services. The proposal is for an insurance system linking insurance expenses with the driving information of food delivery service delivery drivers. Following selection, CAC started on the requirements definition/development of an app for gathering Michibiki data and an insurance system using blockchain in September this year and it will conduct the demonstration experiment and pursue business in collaboration with food delivery service companies and non-life insurance companies through to March 2022.</p>
2021/10/5	<p>CAC Group Implements Boccia Equipment Donation Project</p> <p>CAC has been involved in promoting and supporting boccia, a sport for people with disabilities, as a Gold Partner of the Japan Boccia Association since 2016 and, this year, it continued to implement the boccia equipment donation project launched in 2017.</p>
2021/10/13	<p>CAC Develops and Delivers to Mitsui & Co. Global Logistics an AI Application for Detecting Abnormalities on Automatic Sealing ~ Prevents Boxes from Being Sent in an Inappropriate State and Reduces the Resealing Workload ~</p> <p>CAC developed and delivered to Mitsui & Co. Global Logistics an AI model and application for detecting abnormalities when sealing boxes for shipping with automatic sealers and these are now in actual use in the customer's Yokohama Honmoku warehouse. Mitsui & Co. Global Logistics and CAC carried out development and precision testing of the AI model which captures fast-moving boxes in camera images and determines whether or not they are in an appropriate state for shipping, in a PoC projects lasting four months from March 2020. CAC developed its own AI model through the collection of image data, data annotation using in-house tools (preparation of training data), selection of the backbones necessary for AI model development, and parameter tuning, etc.</p>
2021/11/1	<p>CAC Publishes the Case Study of Pfizer Japan's Adoption of Actual Use Cloud Service</p> <p>CAC introduced the Actual Use Cloud Service for pharmaceutical companies to Pfizer Japan, and published the case study. CAC's actual use cloud service is a sustainable service that allows creation of a cloud environment in a short period of time, as well as a high level of processing performance and extendibility, and it can be used by various pharmaceutical companies.</p>





Major News in the Second Half of FY2021 (3/3)

2021/11/25	<p>CAC Launches a Service for the Creation/Operation of Cloud Environments for CSV, for the Pharmaceutical Industry ～ Total Support for Cloud Utilization in Compliance with Pharmaceutical Regulations ～</p> <p>CAC began providing a service for the creation/operation of cloud environments for Computerized System Validation (CSV), for the pharmaceutical industry. The service provides solutions covering every stage from the migration of business systems and data in on-premise environments to cloud environments through to operation after migration, at a level of quality compatible with CSV activities, which aim to prove that the computerized systems used in the research, development and production of pharmaceuticals are performing the way they are supposed to work.</p>
2021/11/29	<p>CAC and Nikkensekkei Total Research Institute Jointly Develop a System Using AI to Read Signs Between People and Applies the System to Open/Close Doors ～ Concept Model Exhibited at Smart Building EXPO on December 6-8, 2021 ～</p> <p>CAC and Nikkensekkei Total Research Institute jointly developed UT-AIZ, a gesture control engine which uses AI to detect signs between people and movements and control equipment and devices. A concept model of Assist Swing UT-AIZ, which incorporates this system into a manual door and uses gesture recognition and face recognition to open and close the door, was exhibited at Smart Building Expo.</p>
2021/11/30	<p>CAC Begins Providing a Smartphone App for Smiling Training Developed with Recruit Staffing ～ Enabling Training in Smiling Any Time, Any Place ～</p> <p>CAC developed and provided a smartphone version (hereinafter "Kokoro sensor for Recruit Staffing") of Kokoro sensor for training, a facial expression training app using emotion recognition AI developed in collaboration with Recruit Staffing. Recruit Staffing decided to customize the app into a smartphone version so that dispatched staff can do smiling training anywhere, anytime, and CAC was contracted to develop the smartphone version. The completed smartphone app -Kokoro sensor for Recruit Staffing- was made available to dispatched staff from October 2021.</p>
2021/12/3	<p>The CAC Group is Certified as a Tokyo Sports Promotion Company for the Sixth Consecutive Year in Recognition of Support for and Contribution to the Advancement of Boccia, a Sport for Persons with Disabilities.</p> <p>CAC Holdings has been certified as a 2021 Tokyo Sports Promotion Company under the Tokyo Sports Promotion Company Certification System of the Bureau of Olympic and Paralympic Games Tokyo 2020 Preparation. This program where the Tokyo Metropolitan Government certifies companies promoting employee sports activities and implementing social activities in the sports field was launched in 2015 and, this fiscal year, 333 companies were certified. The CAC Group were certified for a sixth consecutive year in recognition of its activities to expand and support boccia, a sport for persons with disabilities.</p>





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