

Presentation Material for the Three Months Ended June 30, 2023

August 10, 2023

Tokyo Stock Exchange Prime Market: Code 3676

https://www.digitalhearts-hd.com/



Summary of Business Results for Q1 FY2023

*The figures for the first quarter ended June 30, 2022 reflect the finalization of provisional accounting treatment for business combination in the last fourth quarter ended March 31, 2023.

Spin-Off Listing of AGEST, Inc.



Spin-Off Listing of AGEST, Inc.

aiming to accelerate the growth of the Enterprise Business and to achieve the regrowth of the Entertainment Business

"Second Founding", "establishment of AGEST" and to be independent two listed entities by Spin-Off Listing with each different goal and strategy

FY2017 **Consolidated Financial Results**

> **Net sales** ¥17.3 hn Operating income ¥1.7 bn

FY2022

Consolidated Financial Results

Net sales

¥36.5 bn Operating income ¥3.0 bn

Fully entered the enterprise field as the Company's "Second Founding"

Established AGEST, Inc., the core subsidiary of the Enterprise Business

202X

FY2028 (Target)

New AGEST Group

¥ 80.0 bn Net sales

Operating income ¥ 8.5 hn

New DH Group

¥ 35.0 bn Net sales

Operating income ¥ 4.5 bn

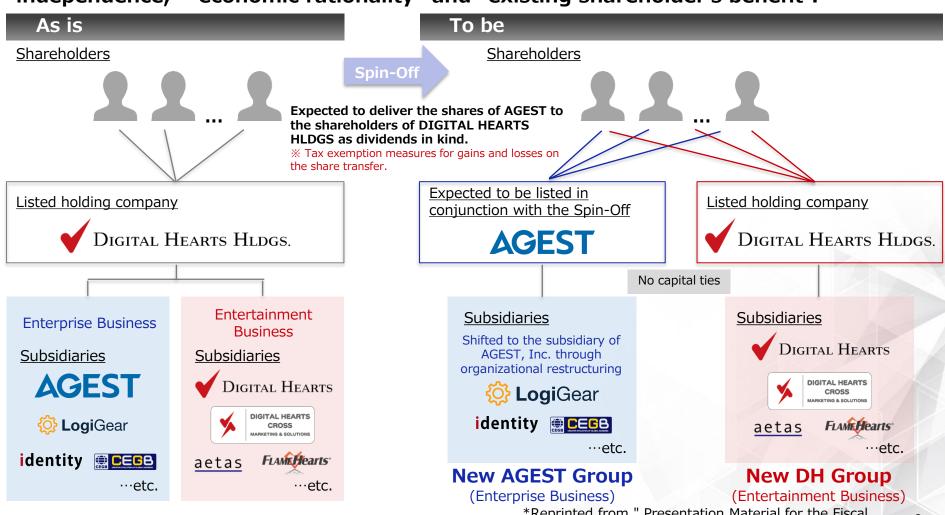
Shifting from a stable growth to **Spin-Off Listing** of AGEST, Inc.

(Appendix) Scheme of Spin-Off Listing



Commence the preparation of the Spin-Off Listing.

To use the Share-Distribution-Type Spin-Off scheme from the perspectives of "business independence," "economic rationality" and "existing shareholder's benefit".



Preparing for Spin-Off Listing



Accelerate initiatives for further growing both businesses as the preparation for the Spin-Off Listing of AGEST, Inc.

Enterprise Business

Established new specialized units to accelerate the pace of growth

Formed a business alliance with DIT

Digital Information Technologies Corporation

 Wide-ranging businesses collaboration from software development/testing to security services **AGEST AI Lab.**



Promote AI-based software testing services, led by our CTO AGEST DX Solution Center



Strengthen "In-house DX system development support service" with highly-skilled DX personnel in Japan and overseas

Entertainment Business

Strengthening global services to shift regrowth phase

- Reorganized services in each region for each overseas company through selection and concentration of each one's businesses
- Promoting the establishment of networks and collaboration in the global market through alliances and others

Promoting AGEST, Inc.'s preparations for listing

- Appointing lead manager underwriter and audit firm
- Reallocating human resources and recruit new specialists to build the head office function to be a listed company

Acquired GPC K.K as a subsidiary



- Strengthening the ERP business basement
- Consolidated from April 2023

Corporate

Acquired and canceled the 7th and 8th stock acquisition rights

- Re-planning new capitalization policies in line with new growth strategies after Spin-Off Listing
- Proceeded 1.1 billion yen out of planned total transaction size, approximate 4.2 billion yen

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Summary of Financial Results for Q1 FY2023



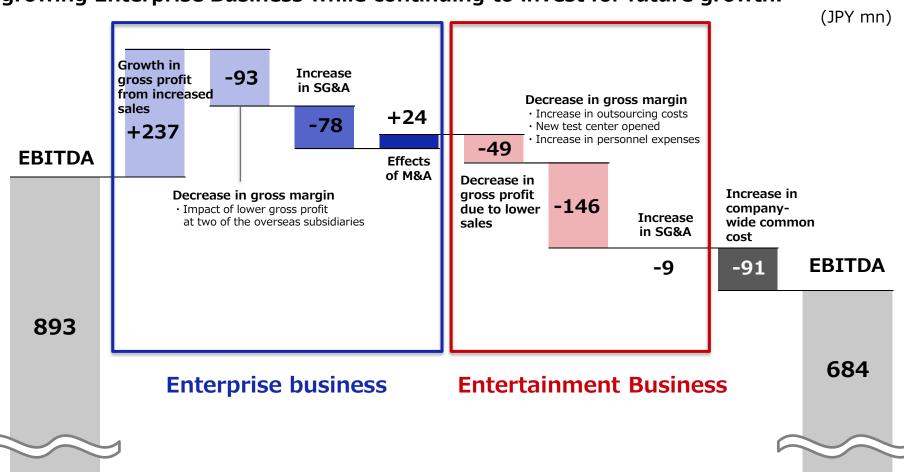
Achieved the net sales target driven by Enterprise Business. Almost achieved Q1 operating income despite SG&A increase due to strategic investments including Spin-Off Listing costs. Aiming to achieve full year profit target.

(JPY mn)	Q1 FY2022	Q1 FY2023	YoY Cha	nge
Net sales	8,372	9,296	924	111.0%
Cost of sales	5,899	6,890	991	116.8%
Cost of sales (%)	70.5%	74.1%		+3.7points
Gross profit	2,472	2,406	-66	97.3%
SG&A	1,837	2,001	164	108.9%
Operating income	634	404	-230	63.7%
Operating income margin	7.6%	4.3%		-3.3points
Ordinary income	632	415	-217	65.6%
Profit attributable to owners of parent	413	338	-75	81.7%
EBITDA	893	684	-208	76.7%

Analysis of Changes in EBITDA



Despite the decline of consolidated EBITDA due to the decrease in Entertainment Business by the previous year's too strong results, showing increase in EBITDA of growing Enterprise Business while continuing to invest for future growth.



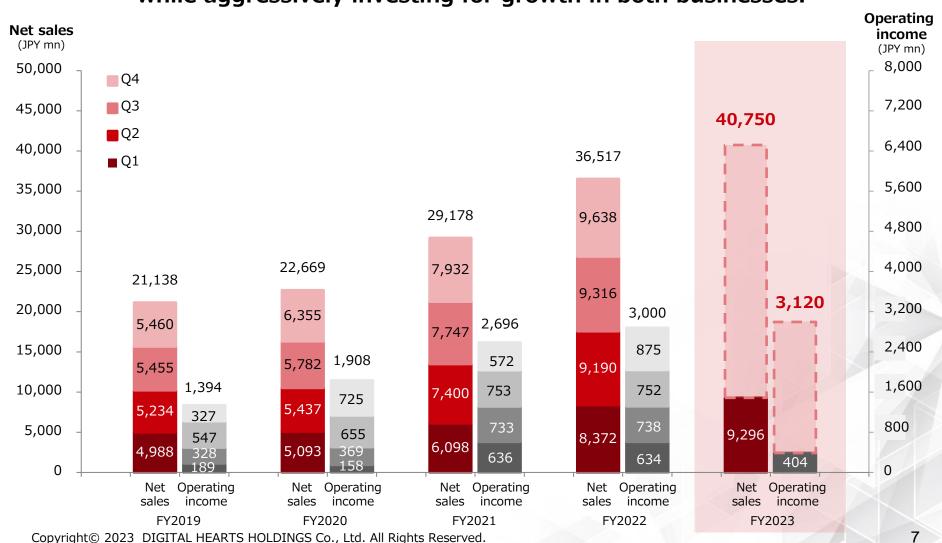
Q1 FY2022

Q1 FY2023

Trend in Net Sales and Operating Income



Aim to achieve record-high sales and operating income while aggressively investing for growth in both businesses.



Consolidated Balance Sheets



(JPY mn)	Q4 FY2022 (As of March 31, 2023)	Q1 FY2023 (As of June 30, 2023)	Change from Q4 FY2022
Total assets	19,581	19,394	-187
Current assets	12,528	12,160	-368
Cash and deposits	6,456	6,240	-216
Noncurrent assets	7,052	7,234	181
Property, plant and equipment	1,169	1,259	89
Intangible assets	4,188	4,146	-41
Goodwill	3,468	3,411	-56
Investments and other assets	1,694	1,828	133
Total liabilities	10,107	10,311	204
Current liabilities	9,930	10,126	195
Short-term loans	5,106	5,606	500
Noncurrent liabilities	176	185	9
Total net assets	9,474	9,082	-391
Shareholders' equity	8,283	8,061	-222
Accumulated other comprehensive income	522	610	87
Subscription rights to shares	6	_	-6
Non-controlling interests	661	410	-250
Total liabilities and net assets	19,581	19,394	-187



Q1 FY2023 Financial Results by Segment and Full-year Forecast of FY2023

Notice regarding earnings by segment

- Net sales by segment include inter-segment sales or transfers.
 Segment income is based on operating income.
- Some changes were made to the sub-segments of the Enterprise Business in Q1 FY2022. For this reason, the figures for FY2021 and earlier by sub-segments of the Enterprise Business are reclassified to reflect the change in sub-segments for comparison purposes.

Summary of Financial Results by Segment



(JPY mn)	Q1 FY2022	Q1 FY2023	YoY Change
Net sales	8,372	9,296	111.0%
Enterprise	3,589	4,663	129.9%
Entertainment	4,818	4,661	96.7%
Adjustments	-35	-28	_
Operating income	634	404	63.7%
Enterprise	24	83	340.4%
Entertainment	1,036	844	81.5%
Adjustments	-426	-523	
EBITDA	893	684	76.7%
Enterprise	185	274	147.7%
Entertainment	1,123	918	81.7%

Financial Result of Enterprise Business



- Sales expanded steadily, centered on the core subsidiary of AGEST, Inc. due to the tailwind of the acceleration of DX.
- Sales of QA solutions continued to grow rapidly by approx. 1.5 times YoY due to the launch of high-value-added solutions for "Shift Left" and the increase in the number of engineers.
- Segment income increased by 3.4 times YoY due to the sales expansion.
- Started preparing for Spin-Off Listing, including the development of necessary head office functions in AGEST, Inc. to be a listed company.

(JP	Y mn)	Q1 FY2022	Q1 FY2023	YoY Change
Ne	et sales	3,589	4,663	129.9%
	QA solution	2,102	3,101	147.5%
	IT services and others	1,486	1,562	105.1%
Se	gment income	24	83	340.4%
EB	SITDA	185	274	147.7%

KPIs of Enterprise Business

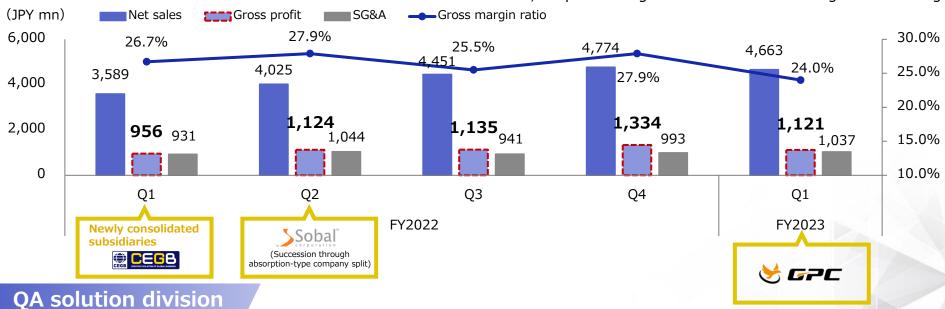


Enterprise Business

Performance Trends

> Quarterly sales increased by around 1.3 times YoY due to expansion of existing businesses and the effects of M&As.

- > Gross margin is expected to recover from this Q2, despite decline of gross margin in Q1 mainly due to worse profitability of two overseas subsidiaries by weaker sales and heavier personnel costs than before.
- > Controlled SG&A around ¥1 billion, despite strategic initiatives like marketing and recruiting.



Number of clients with orders (*)

627 companies

Q1 FY2023

01 FY2022

824 companies

Annual sales per client (*)

01 FY2022

¥10 mn

01 FY2023

¥13 mn

Number of engineers

01 FY2022

961 people

Q1 FY2023

1,047 people

Breakdown of YoY changes in number of engineers

Domestic +206 people

-120 people Overseas

^{* &}quot; Number of clients with orders " and " Annual sales per client" are calculated from the results of the latest 12 months, excluding new subsidiaries with less than 12 months business records as our group.

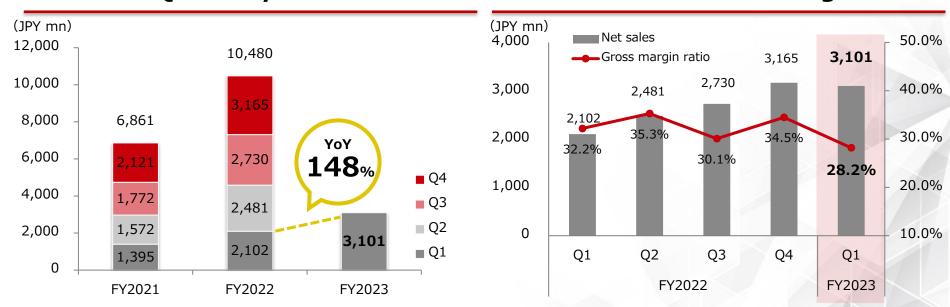
Enterprise Business - QA solution division



- Started consolidating GPC K.K in Q1 FY2023, and achieved a significant organic sales growth YoY 138% excluding the effects of M&A.
- In addition to recruiting mid-career test engineers, began recruiting nonexperienced engineers.
- Launching new services for "QA for development" such as "Code analysis"
- Planning to recover to over 30% gross margin after Q2, despite a temporary decline of gross margin in Q1 due to weaker sales and profits of two overseas subsidiaries (DEVELOPING WORLD SYSTEMS and MK Partners).

Quarterly sales

Net sales and Gross margin ratio



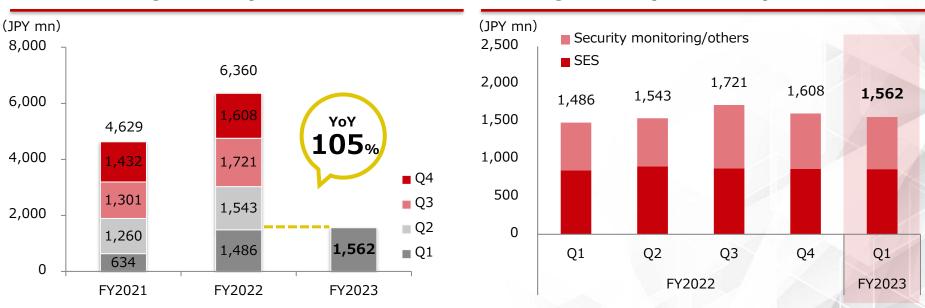
Enterprise Business - IT services and others division



- Security monitoring services reached a strong sales growth of 127% YoY, by steadily capturing increasing demand against the backdrop of expansion of remote work.
- The SES businesses of registered engineers in identity Inc. reached 29,000 people.

Quarterly sales

Quarterly sales by service



Financial Results of Entertainment Business



- Domestic debugging sales were almost in line with the target, despite a weaker sales against the too strong sales in the previous year mainly for console game which is characterized by sharp fluctuations in sales trend.
- With uncertainty in the Chinese business market, Global and others maintained same level sales as the previous year by focusing on promotions for services such as translation, LQA, and marketing support.
- It is expected to recover in both sales and profit margin in 2H, despite a temporary decline in Q1 profits due to the impact of weaker sales and the increase in personnel costs.

(JI	PY mn)	Q1 FY2022	Q1 FY2023	YoY Change
Ne	et sales	4,818	4,661	96.7%
	Domestic debugging	3,334	3,171	95.1%
	Global and others	1,484	1,490	100.4%
Se	gment income	1,036	844	81.5%
EB	ITDA	1,123	918	81.7%

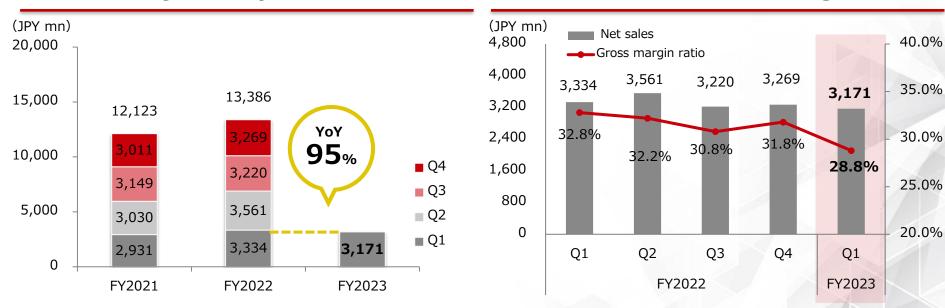
Entertainment Business - Domestic debugging division



- Domestic debugging performed well almost as planned, maintaining a high level with quarterly net sales of ¥3.1 billion, despite weaker sales than previous year when large titles were successively launched in console games.
- Gross margin ratio is expected to recover to over 30% in 2H due to sales expansion and the penetration of cost pass-through, despite a temporary decline in Q1 due to the weaker sales, the increase in personnel costs, and the opening of a new test center.

Quarterly sales

Net sales and Gross margin ratio



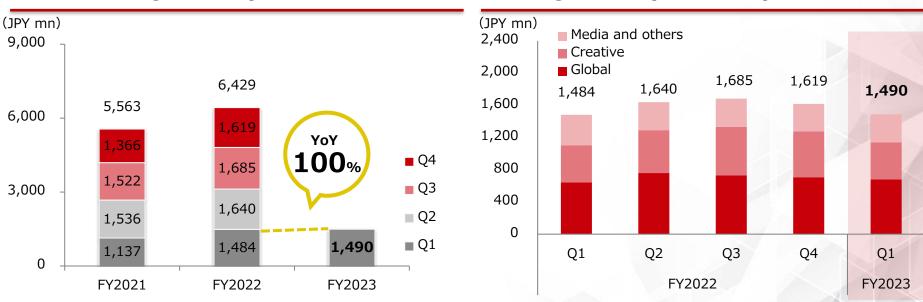
Entertainment Business - Global and others division



- Even with uncertainty in the Chinese business market partly affected by game regulation changing, sales of global services (translation, LQA, and marketing support) recorded high growth of 113% YoY after excluding the impact of businesses restructuring, such as the separation of local advertising agency service in Taiwan.
- Strengthening marketing services in South Korea and promoting overseas alliances and others to build a global network, with the aim of expanding businesses for overseas clients in the game industry.

Quarterly sales

Quarterly sales by service



FY2023 Consolidated Financial Forecast



- Aim for record-high net sales and operating income by the strong contribution of the Enterprise Business.
- Operating income growth for 4 consecutive years, despite the expected cost of around 250 million yen for preparation for the Spin-Off Listing of AGEST, Inc.

(JPY mn)	Full-year FY2022 (Actual)	Full-year FY2023 (Forecast)	YoY Change
Net sales	36,517	40,750	111.6%
Enterprise	16,840	20,650	122.6%
Entertainment	19,815	20,100	101.4%
Operating income	3,000	3,120	104.0%
(Excluding costs to prepare for the Spin-Off Listing of AGEST, Inc.)	3,000	3,370	112.3%
Operating income margin	8.2%	7.7%	-0.6points
Ordinary income	3,152	3,160	100.2%
(Excluding costs to prepare for the Spin-Off Listing of AGEST, Inc.)	3,152	3,410	108.2%
Profit attributable to owners of parent	799	2,100	262.6%
EBITDA	4,176	4,180	100.1%



Spin-Off Listing

* Reprinted from "Presentation Material for the Fiscal Year Ended March 31, 2023" disclosed on May 11, 2023.

Spin-Off Listing of AGEST, Inc.



Spin-Off Listing of AGEST, Inc.

aiming to accelerate the growth of the Enterprise Business and to achieve the regrowth of the Entertainment Business

"Second Founding", "establishment of AGEST" and to be independent two listed entities by Spin-Off Listing with each different goal and strategy

FY2017 **Consolidated Financial Results**

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FY2022

Consolidated Financial Results

Net sales

¥3.0 bn

¥36.5 bn Operating income

Fully entered the enterprise field as the Company's "Second Founding"

Established AGEST, Inc., the core subsidiary of the Enterprise Business

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FY2028 (Target)

New AGEST Group

¥ 80.0 bn Net sales

Operating income ¥ 8.5 hn

New DH Group

¥ 35.0 bn Net sales

Operating income ¥ 4.5 bn

Shirting from a stable growth to **Spin-Off Listing** of AGEST, Inc.

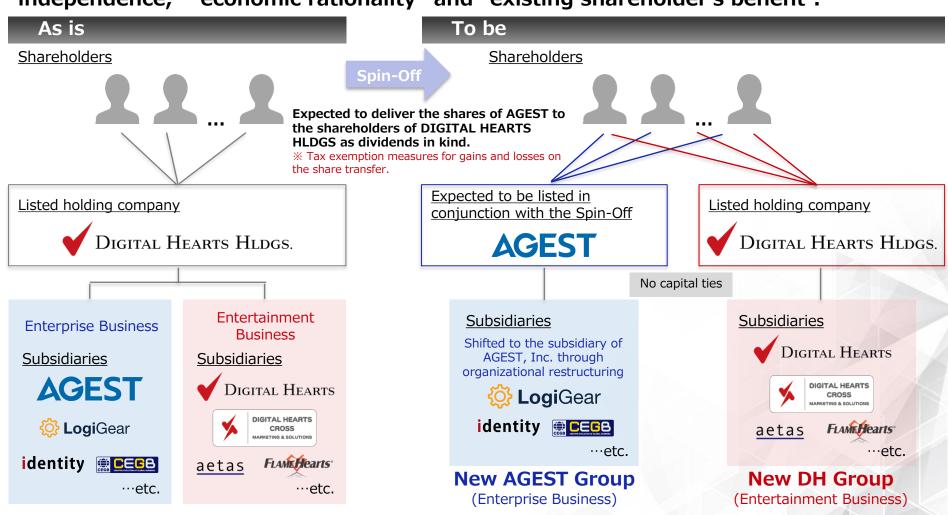
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Scheme of Spin-Off Listing



Commence the preparation of the Spin-Off Listing.

To use the Share-Distribution-Type Spin-Off scheme from the perspectives of "business independence," "economic rationality" and "existing shareholder's benefit".



Expected Effect of Spin-Off Listing



To maximize growth potential with unique and independent two groups by Spin-Off Listing, different management, independent capital, and unique human capital.

Expected Effect	New AGEST Group			New DH Group				
Corporate Culture and Human capital	Recruitment of talented engineers Corporate branding with "Leading-edge quality technology" and stock-based incentives for engineers.				Recruitment and training of human resources by leveraging "Game related Business" brand Acquire and train to expand human resources for global expansion and new businesses.			
Businesses management	Pursuit of the leading-edge quality technology in the global markets Shifting to the business management with engineered ideas and knowledge of leading-edge technology.				Evolving businesses and new challenges Revitalize existing businesses and improve management from a global perspective to leverage its own strengths.			
Investment	Investment of around ¥10.0 bn in human capital, technology and M&As Flexible fund raising and execution of large-scale investments.			returns Invest in sharehold	new busines	eas and share sses and impro tilizing its stal	ove	
Targets	Net sales Operating	FY2022* ¥16.8 bn	FY2025 ¥32.0 bn	FY2028 ¥ 80.0 bn	Net sales Operating	FY2022* ¥19.8 bn	FY2025 ¥25.0 bn	FY2028 ¥ 35.0 bn
	income	-	¥2.5 bn	¥ 8.5 bn	income		¥3.0 bn	¥4.5 bn

^{*} Figures for FY2025 and FY2028 are consolidated base with the assumption of after the Spin-Off Listing. Since these figures differ from the definition of FY2022 segment profit, operating income of FY2022 has no date here.

Aims of Spin-Off Listing



New AGEST Group

To be the leading QA solution provider in the global market with the leading-edge quality technology

-Accelerate business expansion and investment in future growth-

Pursue leading-edge quality technology and expand businesses globally by strengthening PP&T (People, Process, and Technology).

Key initiatives

- Pursue leading-edge quality technology and expand business globally
- 2. Accelerate investment in human capital, technologies and M&As
- Recruit utilizing the brand awareness as a listed company and strengthen human resources with a unique incentive system
- **4.** Strengthen the management and governance system as a listed company
- 5. Flexible fund raising and quick investment decisions

New DH Group

To be the Global Quality Partner in the Entertainment Industry

-Regrowth of existing businesses and creation of new businesses-

Boost, revitalize and evolve the existing businesses, expand the global businesses not only in Asia but also in the U.S. and Europe, and challenge to develop new business opportunity.

Key initiatives

- **1.** Leverage core competencies to add higher value and improve productivity of existing business
- **2.** Expand the global business and take on the challenge of entering new businesses areas
- **3.** Recruit and train human resources by leveraging its corporate culture with "Game" branding
- **4.** M&As and strategic investments utilizing rich operating cash flow
- 5. Improve shareholder returns and expand growth investment

Image Plan of Schedule



2023/5/11	Previous period from base period	Base period	Application per for listing	riod
Notice of commencement of preparations for the Spin-Off Listing		structur	Institutional Decision of Spin-Off TSE examination	The Day of Spin-Off Listing Distribution base date

Preparation period for Spin-Off Listing

- Establishment of head office functions, including structure of management and governance
- ✓ Conclusion of a lead managing underwriter contract and audit contract
- √ Reorganization of group companies
- ✓ Appointment of Independent Director
- ✓ Establishment of Board of Corporate Auditors

^{*} Here is an example as an ordinary schedule image plan.

Actual schedules may be revised in the process of preparing for the Spin-Off Listing.



Enterprise Business Growth Strategy

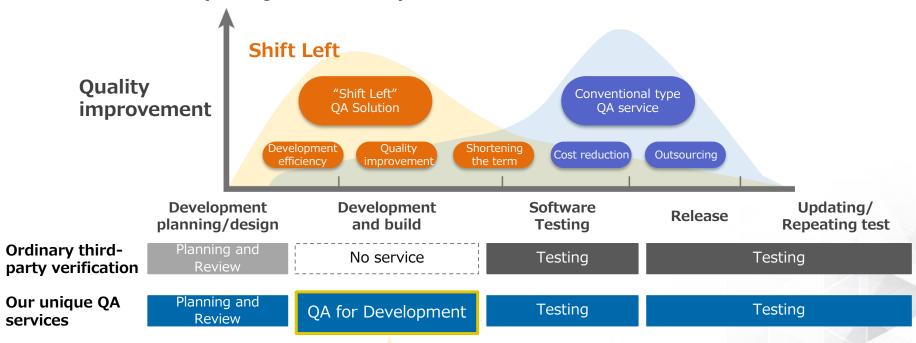
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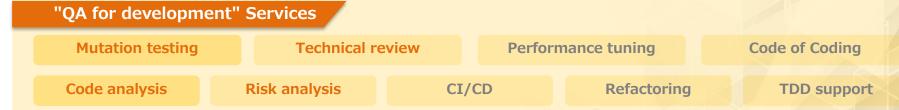
Leading QA solution provider in the global market



Focus on the strategic investment in "Shift Left" QA solution, with strong demand from clients including advanced IT companies.

Provide our unique "QA for development" services to the market.

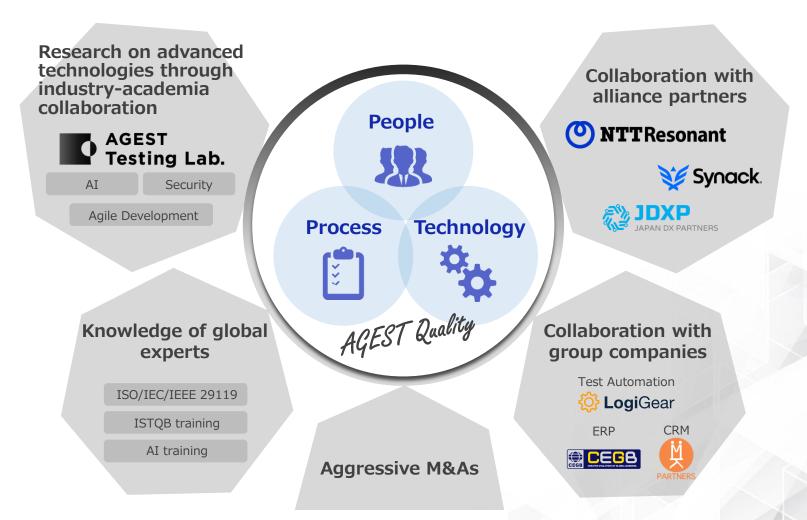




"QA for development" - PP&T -



Further accelerate the strengthening of PP&T (people, processes, and technologies) launched in FY2022, to provide our unique "QA for development" service series.



"QA for development" - People -



Accelerate the increase in "Next-generation QA engineers," core engineers to provide "QA for development."

Next-generation QA engineers

The highest-class QA engineer with deep knowledge of both software development and software testing to contribute to support the quality improvement for all from development to post-release.



FY2022 (actual) 24 People >> FY2028 (Target) 500 People

* Including foreign subsidiaries



Establish an unprecedented and attractive "Next-generation QA engineers" as the next job career for development engineers by utilizing the AGEST brand



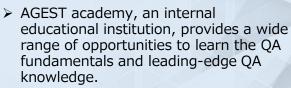
- > Appeal the career to supporte DX and Agile development with leading-edge quality technology.
- Support experienced engineers to challenge new QA careers.
- > Strengthen recruitment with improving brand name of AGEST and unique know-how including checking processes.



AGEST's support system for changing from one's career from a development engineer to a Next-generation OA engineer



AGEST Academy









- > Fully utilize the expertise of international software testing experts to develop and support engineers.
- > Develop in-house knowledge sharing system and mutual learning cultures, and provide OJT opportunities and regular workshops such as LT (Lightning Talk).

"QA for development" - M&A/alliance -



Aiming for M&As in the range of several billion yen to 10 billion yen over next coming years, targeting companies with leading-edge quality technologies or with talented engineers.

M&A Strategy

- 1. Strict ROIC standards to maintain higher investment efficiency and profitability *ROIC=EBITDA×(1-effective tax rate)÷(interest-bearing debt+shareholders' equity)
- 2. Targeting companies with future growth potential and current stable profitability
- 3. Well-balanced PMI initiatives between its organic growth and synergies with our group

Target companies

To obtain engineer human resources

- Software testing companies
- Companies with engineers especially for development of open systems
- To strengthen technical capabilities
- ERP-related service providers in Japan
- Company with cutting-edge technologies

Size of target companies

Net sales: ¥0.5 - 3.0 bn

Number of engineers: 30 – 150 engineers

Acquisition price: Max. ¥3.0 bn

Number of projects

Around 2-3 projects per year as a plan

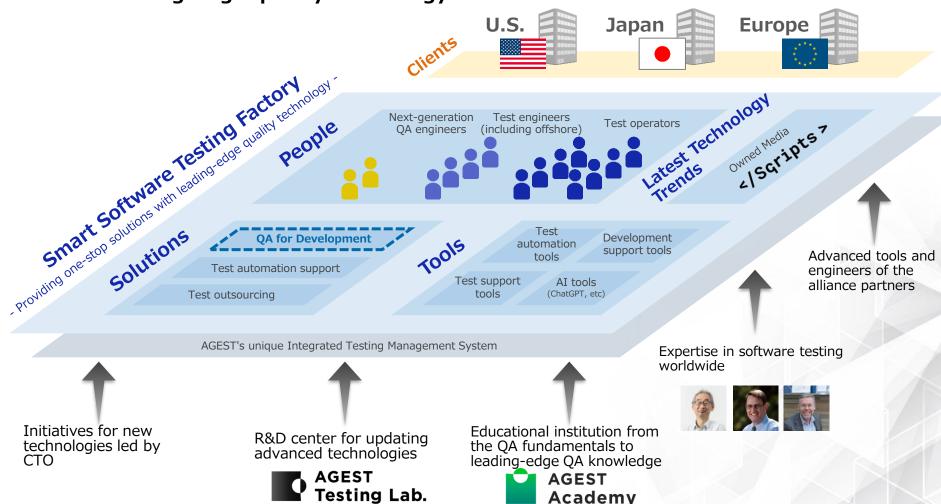
M&A initiatives

- Aim to acquire companies with better synergies by strengthening AGEST's brand name.
- Consider M&As not only in Japan but also in the foreign markets.
- Develop the organizational capability for ¥10 bn investment in human resources, technologies, and M&As

Vision of the New AGEST Group



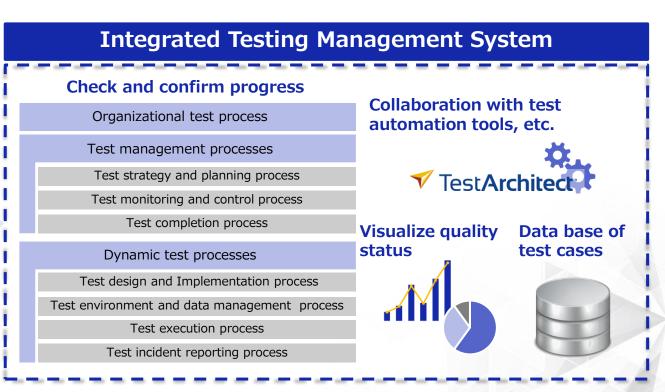
To develop "Smart Software Testing Factory (SSTF)," aiming to become the leading QA solution provider in the global market with the leading-edge quality technology.





Developing unique Integrated Testing Management System as the core system of Smart Software Testing Factory (SSTF).

Project members Improve the efficiency of test execution Confirm the progress of the entire operation Real-time aggregation Test operator



Points

etc...

- Integrated management of test results in conjunction with third party's test execution tools
- Visualize quality and progress in real time
- ➤ In accordance with ISO/IEC/IEEE 29119 standard for software testing
- Planning to work with I18N (internationalization)

Targets of New AGEST Group



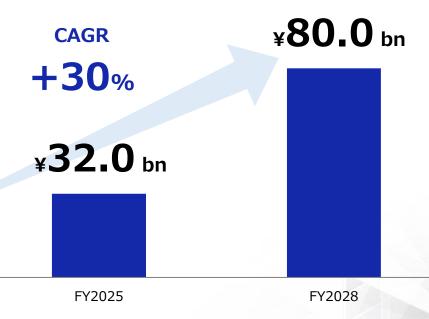
Sales Target

New AGEST Group AGEST LogiGear identity CEGB CEGATIVE EVOLUTION OF GLOBAL BUSINESS

···etc.

¥16.8 bn

FY2022



KPIs of QA solution div.

Number of engineers



1,009 People

FY2022

1,600 People

FY2025

FY2028

Number of clients with orders



808 companies 1,500 companies 3,100 companies

3,000 People

Annual sales per client



¥13 mn

¥16 mn

¥19 mn



Entertainment Business Growth Strategy

* Reprinted from "Presentation Material for the Fiscal Year Ended March 31, 2023" disclosed on May 11, 2023.



To be the "Global Quality Partner in the Entertainment Industry", evolving from "Domestic Game Debugging Company".

Domestic debugging

Global business

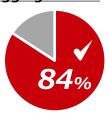
New business

Over 20 locations

Management resources cultivated in the game debugging business

Soft Power

Market leader in domestic debugging service*



High quality service

- Unique Quality Control Method "DHQ"
- Management and analysis tools

etc...

Hard Power

Abundant test terminals



5martdivices 7,169



Game consoles 3,019



*As of March 31,2023

People Power

Diverse professionals from around the world, passionate about games and entertainment contents

Abundant pool of testers

Approx.8,000 registered testers



Diverse human resources

Nationality
Over 30 countries

Native staff
Over 300 people



Make people smiling in the world through contributing the entertainment industry

Growth Strategy



Aiming to make the regrowth of the Entertainment Business by "Evolving and Challenging" using the core competencies and management resources ever developed in debugging service.

- Improve quality of services (Evolve added value and productivity)
 - > Improve and optimize clients' QCD through "DHQ" (Our unique quality-control method)
 - > Strengthen support service for product planning/development from the user's view
 - Stabilize service quality by strengthening programs for hiring and training testers
- **Expand services (Evolve solution capabilities)**
 - > Expand global network (Southeast Asia, North America, and Europe)
 - > Strengthen and expand solutions (Localization, customer support, marketing, etc.)
 - Execute aggressive M&As and alliances
- **3** Challenge new business (Responsiveness to change)
 - > Respond to web3.0(NFT), Metaverse, new digital contents and services
 - Support for non-game apps and web services
 - Develop new services incorporating AI(ChatGPT, etc.) and other new technology

Overview of Domestic Debugging



Market

- Outsourced QA services for game software
- > Increase in the process of QA by expansion of total development size of game software
- Mature market with limited new entrants

Services

- Debugging of console and mobile game software
- Debugging of hardware for amusement devices such as arcade games and slot
- > Support for development and planning, such as game review service

Our Position

- Leading market share in the domestic debugging
- Continuous and strong relationships with most of major game companies
- ➤ High competitiveness with abundant human resources and equipment, well prepared security systems, and rich service expertise

Growth Strategy

- Improve quality of services by "DHQ" (Improve added value)
- Develop infrastructures including new operation bases and tools (Stabilize service quality and improve productivity)
- Strengthen acquisition and training capabilities for human resources (Aiming to have 10,000 testers as a system)

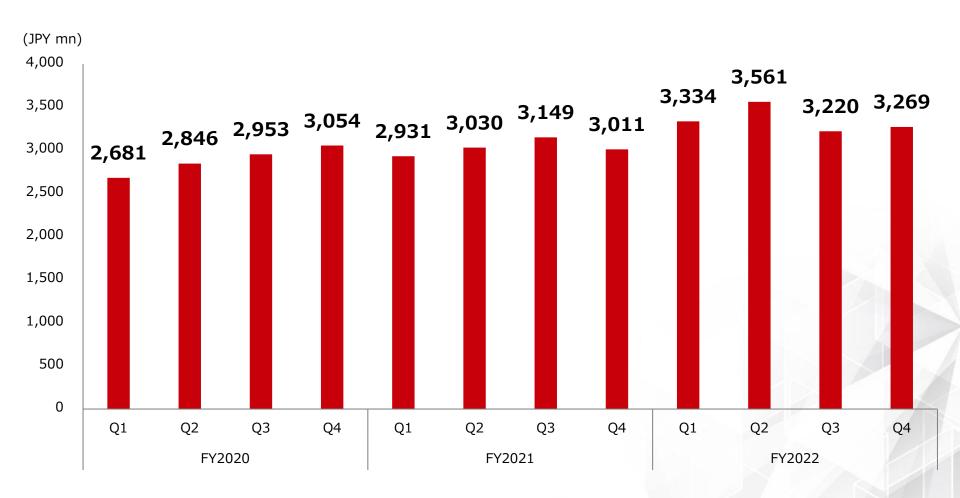
In-house KPI

- Involvement rate for newly launching game titles
- > Involvement rate with multiple services by each client
- Number of testers

Sales Trend of the Domestic Debugging Division



Keep stable growth as our founding business

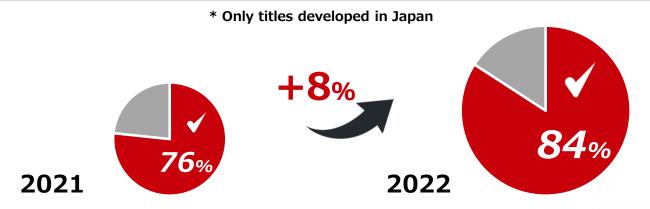


Market-share of Domestic Debugging

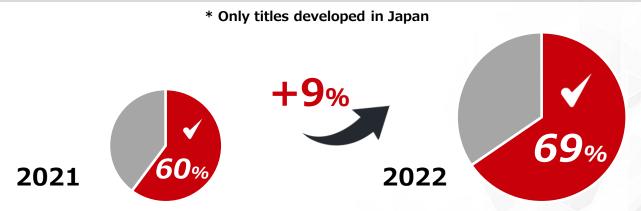


Improve the involvement ratio in both console and mobile games

Involvement ratio among top 100 new console game titles



Involvement ratio among top 200 new mobile game titles



Topic of Domestic Debugging

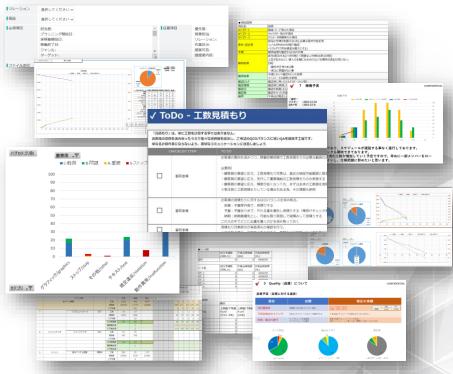


Initiative of Digital Hearts Quality (DHQ)

DHQ is our unique quality control method to discover defects efficiently and effectively and to achieve the optimal QCD for client companies in QA (quality assurance) service for software development. The company provides client with optimal debugging service by reviewing every process from scratch and improving it, including the required preparation, execution of testing, analytical methods, staffing training, and technological introductions.

DHQ framework **Client Needs** (QCD criteria) Quality assessment **Test Plan** and **Improvement Proposals** For Customer Success **Monitoring Test Execution** and Analysis

DHQ tools



Overview of Global Business



Market

- Expansion of needs to support overseas expansion by domestic and overseas game companies
- > Rapid change and globalization, such as worldwide simultaneous launch of large-scale titles
- > Only few companies with a capability to support expansion into all area like Asia, the U.S. and Europe

Services

- > Translation/LQA, localization support
- Marketing support suited to the practices in the new region
- > Customer support, audio recording

Our Position

- Large potentiality with our current small share compared to the domestic debugging
- Opportunity to utilize strong client ties in debugging service
- > Large number of specialists in each region and language

Growth Strategy

- Expand global network (Southeast Asia, North America, and Europe)
- Strengthen solution (Localization, customer support, and marketing support)
- > Acquire new service functions and overseas bases through aggressive M&As

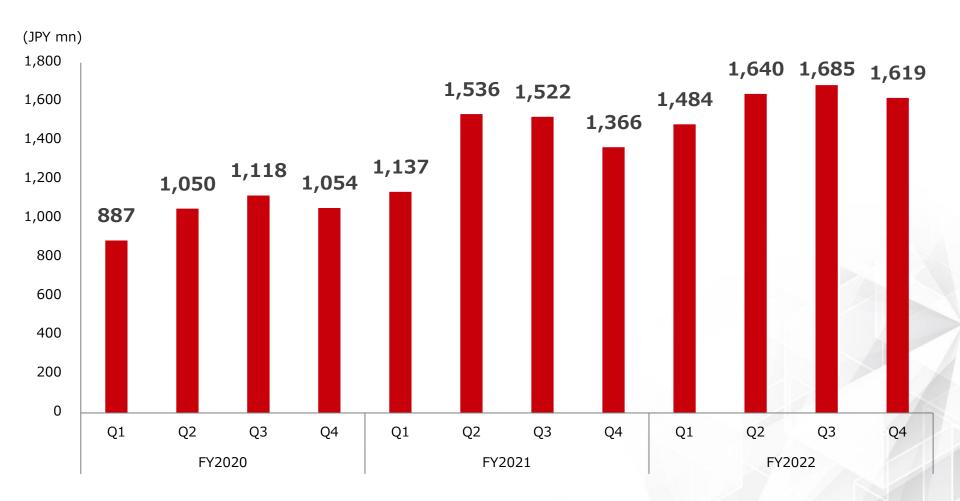
In-house KPI

- Cross-selling rate
- Global sales ratio
- Number of global human resources

Sales Trend of the Global and others division



Rapid growth with expansion of existing businesses and the effects of M&As.



Topic of Global Business



Cross-selling of our services other than the debugging

Strengthening cross-selling by utilizing our strong ties with game companies through our domestic debugging services. Expanding the number of languages compatible with our localization services.

Cross-selling rate to our top-10 clients

(FY2022 results)

Category	Cross-selling rate	Average number of service categories per client (*)
Company-wide	80%	2.5
Console game clients	100%	2.7
Mobile game clients	80%	2.0

^{*} Average number of service categories per client indicates the average out of 4 different category types such as debugging and localization.

Number of language pairs compatible with localization services

(FY2022 results)

From Japanese language Others	14
From Non-Japanese	25

Overview of New Business



Market

- Game and app markets using Metaverse, Web3.0 (NFT), etc.
- Diversified services of digital contents such as videos, music, and manga(comics)
- Expectations for rapid expansion of the market

Services

- Debugging and reviewing services for new-type games and apps
- Translation, localization, customer support, and marketing for digital content
- > Collaborated development and operation of new digital content and platforms

Our Position

- Business results for Metaverse, NFT-game and other debugging needs
- Opportunity to utilize our experiences and human resources for game software business to the new digital content services
- > Strong relationships with game makers and digital content companies

Growth Strategy

- Improve quality of services by "DHQ" (Improve added value)
- Collaborate new businesses with game/non-game apps clients and other partner companies
- Improve service quality and speed by aggressive use of AI(CatGPT, etc.) and other IT technology

In-house KPI

- Sales ratio of new businesses
- Number of new businesses projects

Topic of New Business



Projects related to the Metaverse and Web3.0

For new type games utilizing Metaverse and blockchain technologies, we have recently seen an increase in demand for services, such as software development support, QA (quality assurance), and customer support services. We aim to contribute game users to enjoy virtual spaces and NFT games with enough security and comfort, by leveraging our expertise and know-how from past rich experiences of game development and debugging.

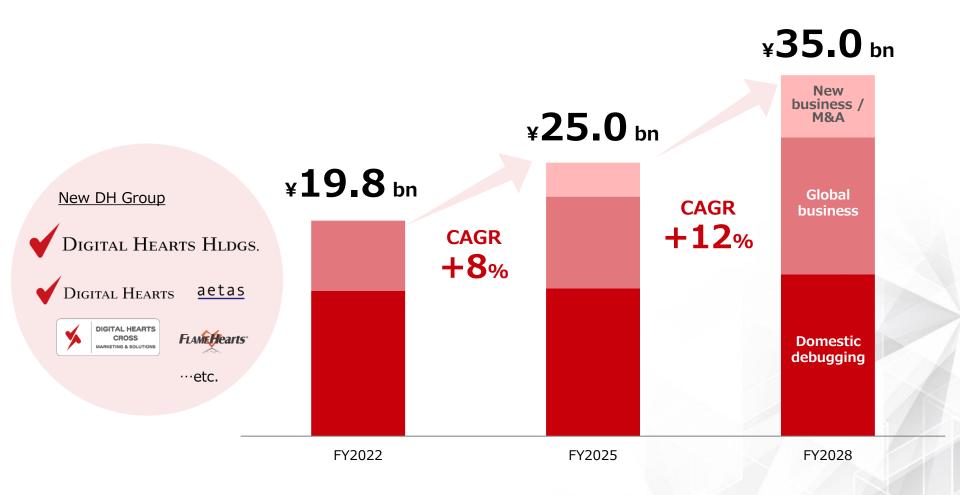
Projects in the Creative division

Metaverse	3 projects	We provide wide range of services, such as concept art, character design, 3D modeling, and avatar tool development.
Web3.0	1 project	It is an outsourced development of front-end software such as UI and engineering work.

QA (quality assurance) and customer support projects

Metaverse	7 projects	game makers and digital contents companies. We provide QA services from a user's view, to different stages of software development including the post-launch period.
Web3.0	6 projects	We provide QA services, customer support services, and identity verification services for client companies who develop games using blockchain technologies and those who provide NFT platforms.

Sales Targets





Appendix

Why Invest in DIGITAL HEARTS















^{*}Average sales growth rate for 5-year period between FY2017 and FY2022

Corporate Profile



Our mission

SAVE the DIGITAL WORLD

Market environment

Growth of console game market

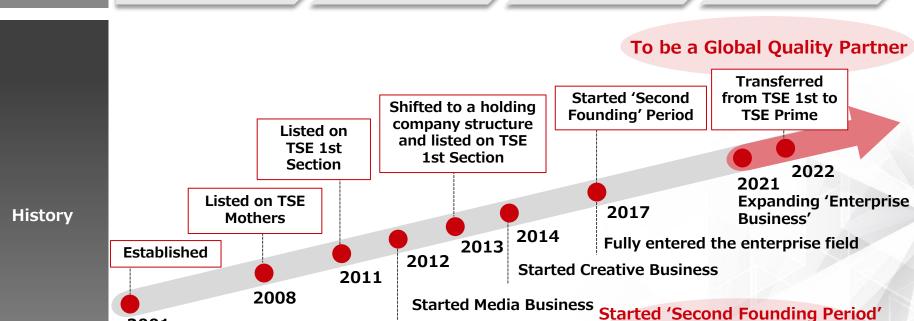
Growth of mobile game market

Expansion of **IoT**

Expansion of DX

promoting the industrial shift of

"debugging" business



Accelerating

diversification in the game industry

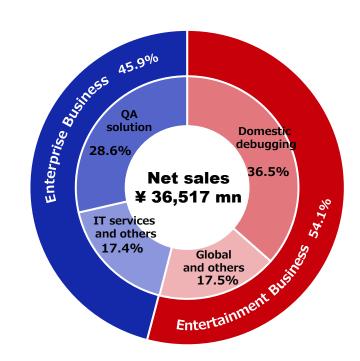
Started Debugging Business

'First Founding Period'

2001

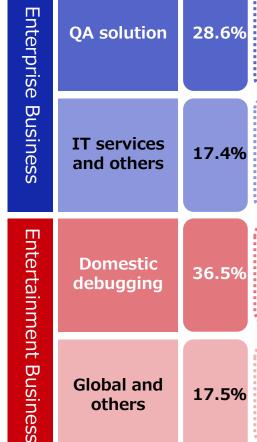


Our core business: QA(Quality Assurance) and Debugging





*Segments include inter-company sales and/or transfers.



others

- > Testing for business systems incl. online
- Support for test automation
- Security test
- Introduction of ERP and CRM
- System development
- > IT engineer platform service
- Security monitoring
- > IT support

- > Debugging for console games, mobile games, etc.
- Translation, LQA*, and localization for game software
- > Marketing support for game launching in overseas markets
- > Game development and CG development
- > Game information site "4Gamer.net"
- Customer support

17.5%

Group Companies





(As of June 30, 2023)

Enterprise Business

AGEST, Inc.

System testing, Cyber-security, etc.

LogiGear Group

System testing, Test automation support

MK Partners, Inc.

Salesforce consulting

TPP SOFT, JSC

System development

DEVELOPING WORLD SYSTEMS LIMITED

Introduction and maintenance support for Oracle products

identity Inc.

IT freelance engineer platform service

CEGB Co., Ltd.

SAP implementation and operation support, system development support, etc.

GPC K.K

SAP/ERP implementation support, System development, etc.

Entertainment Business

DIGITAL HEARTS Co., Ltd.

Game debugging, Localization, etc.

DIGITAL HEARTS CROSS Group

Marketing support, etc.

DIGITAL HEARTS (Shanghai) Co., Ltd.

Game debugging, Localization, etc.

DIGITAL HEARTS USA Inc.

Game debugging, Localization, etc.

DIGITAL HEARTS Seoul Co., Ltd.

Game translation, Marketing support, etc.

Digital Hearts Linguitronics Taiwan Co., Ltd.

Game translation

FLAME Hearts Co., Ltd.

Game development and CG content development

Aetas, Inc.

Operation of a game information site, "4Gamer.net"

Main Business Locations



(As of June 30, 2023)



DIGITAL HEARTS CROSS Group DIGITAL HEARTS (Shanghai) Co., Ltd.

South Korea

DIGITAL HEARTS Seoul Co., Ltd.

UK

DEVELOPING WORLD SYSTEMS LIMITED

Vietnam

LOGIGEAR VIETNAM CO., LTD. TPP SOFT, JSC

Japan

AGEST, Inc.
DIGITAL HEARTS Co., Ltd.
CEGB Co., Ltd.
GPC K.K
identity Inc.
FLAME Hearts Co., Ltd.
Aetas, Inc.

Taiwan

Digital Hearts Linguitronics Taiwan Co., Ltd.

USA

LOGIGEAR CORPORATION MK Partners, Inc. DIGITAL HEARTS USA Inc.



Establish PP&T as the Enterprise Business platform by bringing together experts from the frontline of the software testing industry.

People



Dr. Juichi Takahashi

A pioneer in software testing in Japan. Holds a PhD in software testing and has published many works. Director and CTSO of AGEST, Inc., our subsidiary



Dr. Yasuharu Nishi
Lecturer, the University of
Electro-Communications

Dr. Hironor
Professor,
WASEDA U

Researcher of AI products and President of NPO ASTER (Association of Software Test Engineering).



Dr. Hironori Washizaki Professor, WASEDA University

Researcher in agile development.



Mr. Rex Black

Worldwide authority on software testing with many published works. Former president of the ISTQB.



Dr. Masahiko Kato
Professor,
University of Nagasaki

Researcher in Security Testing.

Process



Mr. Yohei Takagi

The first Japanese [ISO/IEC/IEEE 29119 Training Trainer]. Executive Officer of AGEST, Inc., our subsidiary.



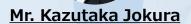
The founder of the ISTQB. The convener of ISO Software Testing Working Group 26, which has published software testing standard, "ISO /IEC/IEEE 29119."





Mr. Hung Nguyen

Worldwide authority on software testing. The coauthor of the bible for test engineers. Founder of our subsidiary LOGIGEAR CORPORATION.



A former CTO in DMM.com LLC. Worked on expanding and training the company's engineers for seven years. Our Chief Technology Officer.

Aims Past M&As TP_®P technology identity **Engineer** Highly skilled domestic Software development acquisition Software testing freelance engineers engineers in Japan engineers in Vietnam 🥸 **Logi**Gear Test automation tools **Technological** Offshore in Vietnam **PARTNERS** capabilities

Services to complement localization

4 comemet

Japan's largest game information website "4Gamer.net"

FLAMEHearts*

Salesforce consulting

Test automation tools

for Oracle software

Game software development/ CG content development

DIGITAL HEARTS
CROSS
MARKETING & SOLUTIONS

SAP expertise

Geographical expansion



Game translation in South Korea



Game translation in Taiwan

Marketing and promotion support in China and Asian countries

Consolidated Financial Statement



Enterprise Business 1,952 1,892 3,302 5,022 7,021 11,491 16,840 Entertainment Business 13,544 15,568 15,951 16,115 15,647 17,687 19,815 Adjustments -52 -108 -0 - - - - - -138 Operating income 1,906 1,735 1,605 1,394 1,908 2,696 3,000 Enterprise Business 203 -14 -226 -67 188 645 639 Entertainment Business 2,453 2,966 3,086 2,964 3,077 3,668 4,214 Adjustments -750 -1,215 -1,254 -1,503 -1,356 -1,616 -1,853 Operating income margin 12.3% 10.0% 8.3% 6.6% 8.4% 9.2% 8.2% Entertrainment Business 18.1% 19.1% 19.3% 18.4% 19.7% 2.5% 3.8% Enterprise Business 10.4% -<	(JPY mn)	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022
Entertainment Business 13,544 15,568 15,951 16,115 15,647 17,687 19,815 Adjustments -52 -108 -0 - - - - - - - -	Net sales	15,444	17,353	19,254	21,138	22,669	29,178	36,517
Adjustments	Enterprise Business	1,952	1,892	3,302	5,022	7,021	11,491	16,840
Operating income 1,906 1,735 1,605 1,394 1,908 2,696 3,000 Enterprise Business 203 -14 -226 -67 188 645 639 Entertainment Business 2,453 2,966 3,086 2,964 3,077 3,668 4,214 Adjustments -750 -1,215 -1,254 -1,503 -1,356 -1,616 -1,853 Operating income margin 12.3% 10.0% 8.3% 6.6% 8.4% 9.2% 8.2% Enterprise Business 10.4% - - - - 2.7% 5.6% 3.8% Entertainment Business 18.1% 19.1% 19.3% 18.4% 19.7% 20.7% 21.3% Profit attributable to owners of parent 795 1,200 1,575 792 974 1,778 799 Total assets 7,651 8,575 9,832 10,637 14,338 17,610 19,581 Current assets 6,221 6,813	Entertainment Business	13,544	15,568	15,951	16,115	15,647	17,687	19,815
Enterprise Business 203 -14 -226 -67 188 645 639 Entertainment Business 2,453 2,966 3,086 2,964 3,077 3,668 4,214 Adjustments -750 -1,215 -1,254 -1,503 -1,356 -1,616 -1,853 Operating income margin 12,3% 10.0% 8.3% 6.6% 8.4% 9,2% 8.2% Enterprise Business 10.4% - - - 2.7% 5.6% 3.8% Entertainment Business 18.1% 19.1% 19.3% 18.4% 19.7% 20.7% 21.3% Profit attributable to owners of parent 795 1,200 1,575 792 974 1,778 799 Total assets 7,651 8,575 9,832 10,637 14,338 17,610 19,581 Current assets 6,221 6,813 7,403 7,453 9,744 10,392 12,528 Cash and deposits 3,344 3,894 4,197 <td>Adjustments</td> <td>-52</td> <td>-108</td> <td>-0</td> <td>-</td> <td>-</td> <td>-</td> <td>-138</td>	Adjustments	-52	-108	-0	-	-	-	-138
Entertainment Business 2,453 2,966 3,086 2,964 3,077 3,668 4,214 Adjustments -750 -1,215 -1,254 -1,503 -1,356 -1,616 -1,853 Operating income margin 12,3% 10.0% 8,3% 6,6% 8,4% 9,2% 8,2% Enterprise Business 10,4% - - - 2,7% 5,6% 3,8% Entertainment Business 18,1% 19,1% 19,3% 18,4% 19,7% 20,7% 21,3% Profit attributable to owners of parent 795 1,200 1,575 792 974 1,778 799 Total assets 7,651 8,575 9,832 10,637 14,338 17,610 19,581 Current assets 6,221 6,813 7,403 7,453 9,744 10,392 12,528 Cash and deposits 3,344 3,894 4,197 3,739 5,076 5,208 6,456 Noncurrent assets 1,430 1,761 <t< td=""><td>Operating income</td><td>1,906</td><td>1,735</td><td>1,605</td><td>1,394</td><td>1,908</td><td>2,696</td><td>3,000</td></t<>	Operating income	1,906	1,735	1,605	1,394	1,908	2,696	3,000
Adjustments -750 -1,215 -1,254 -1,503 -1,356 -1,616 -1,853 Operating income margin 12.3% 10.0% 8.3% 6.6% 8.4% 9.2% 8.2% Enterprise Business 10.4% - - - - 2.7% 5.6% 3.8% Entertainment Business 18.1% 19.1% 19.3% 18.4% 19.7% 20.7% 21.3% Profit attributable to owners of parent 795 1,200 1,575 792 974 1,778 799 Total assets 7,651 8,575 9,832 10,637 14,338 17,610 19,581 Current assets 6,221 6,813 7,403 7,453 9,744 10,392 12,528 Cash and deposits 3,344 3,894 4,197 3,739 5,076 5,208 6,456 Noncurrent assets 1,430 1,761 2,428 3,183 4,593 7,217 7,052 Goodwill 201 150 <	Enterprise Business	203	-14	-226	-67	188	645	639
Operating income margin 12.3% 10.0% 8.3% 6.6% 8.4% 9.2% 8.2% Enterprise Business 10.4% - - - 2.7% 5.6% 3.8% Entertainment Business 18.1% 19.1% 19.3% 18.4% 19.7% 20.7% 21.3% Profit attributable to owners of parent 795 1,200 1,575 792 974 1,778 799 Total assets 7,651 8,575 9,832 10,637 14,338 17,610 19,581 Current assets 6,221 6,813 7,403 7,453 9,744 10,392 12,528 Cash and deposits 3,344 3,894 4,197 3,739 5,076 5,208 6,456 Noncurrent assets 1,430 1,761 2,428 3,183 4,593 7,217 7,052 Goodwill 201 150 481 1,027 2,467 4,588 3,468 Total liabilities 4,793 5,005 4,819	Entertainment Business	2,453	2,966	3,086	2,964	3,077	3,668	4,214
Enterprise Business 10.4% - - - 2.7% 5.6% 3.8% Entertainment Business 18.1% 19.1% 19.3% 18.4% 19.7% 20.7% 21.3% Profit attributable to owners of parent 795 1,200 1,575 792 974 1,778 799 Total assets 7,651 8,575 9,832 10,637 14,338 17,610 19,581 Current assets 6,221 6,813 7,403 7,453 9,744 10,392 12,528 Cash and deposits 3,344 3,894 4,197 3,739 5,076 5,208 6,456 Noncurrent assets 1,430 1,761 2,428 3,183 4,593 7,217 7,052 Goodwill 201 150 481 1,027 2,467 4,588 3,468 Total liabilities 4,793 5,005 4,819 5,198 8,024 10,044 10,107 Interest-bearing liabilities 1,646 1,610 1,764	Adjustments	-750	-1,215	-1,254	-1,503	-1,356	-1,616	-1,853
Entertainment Business 18.1% 19.1% 19.3% 18.4% 19.7% 20.7% 21.3% Profit attributable to owners of parent 795 1,200 1,575 792 974 1,778 799 Total assets 7,651 8,575 9,832 10,637 14,338 17,610 19,581 Current assets 6,221 6,813 7,403 7,453 9,744 10,392 12,528 Cash and deposits 3,344 3,894 4,197 3,739 5,076 5,208 6,456 Noncurrent assets 1,430 1,761 2,428 3,183 4,593 7,217 7,052 Goodwill 201 150 481 1,027 2,467 4,588 3,468 Total liabilities 4,793 5,005 4,819 5,198 8,024 10,044 10,107 Interest-bearing liabilities 1,646 1,610 1,764 2,553 4,797 5,590 5,106 Total net assets 2,858 3,570	Operating income margin	12.3%	10.0%	8.3%	6.6%	8.4%	9.2%	8.2%
Profit attributable to owners of parent 795 1,200 1,575 792 974 1,778 799 Total assets 7,651 8,575 9,832 10,637 14,338 17,610 19,581 Current assets 6,221 6,813 7,403 7,453 9,744 10,392 12,528 Cash and deposits 3,344 3,894 4,197 3,739 5,076 5,208 6,456 Noncurrent assets 1,430 1,761 2,428 3,183 4,593 7,217 7,052 Goodwill 201 150 481 1,027 2,467 4,588 3,468 Total liabilities 4,793 5,005 4,819 5,198 8,024 10,044 10,107 Interest-bearing liabilities 1,646 1,610 1,764 2,553 4,797 5,590 5,106 Total net assets 2,858 3,570 5,012 5,438 6,314 7,566 9,474 Shareholders' equity ratio 34.4% 39.3%	Enterprise Business	10.4%	-	-	-	2.7%	5.6%	3.8%
Total assets 7,651 8,575 9,832 10,637 14,338 17,610 19,581 Current assets 6,221 6,813 7,403 7,453 9,744 10,392 12,528 Cash and deposits 3,344 3,894 4,197 3,739 5,076 5,208 6,456 Noncurrent assets 1,430 1,761 2,428 3,183 4,593 7,217 7,052 Goodwill 201 150 481 1,027 2,467 4,588 3,468 Total liabilities 4,793 5,005 4,819 5,198 8,024 10,044 10,107 Interest-bearing liabilities 1,646 1,610 1,764 2,553 4,797 5,590 5,106 Total net assets 2,858 3,570 5,012 5,438 6,314 7,566 9,474 Shareholders' equity ratio 34.4% 39.3% 48.7% 46.3% 39.7% 39.7% 45.0% Net cash 1,698 2,283 2,433	Entertainment Business	18.1%	19.1%	19.3%	18.4%	19.7%	20.7%	21.3%
Current assets 6,221 6,813 7,403 7,453 9,744 10,392 12,528 Cash and deposits 3,344 3,894 4,197 3,739 5,076 5,208 6,456 Noncurrent assets 1,430 1,761 2,428 3,183 4,593 7,217 7,052 Goodwill 201 150 481 1,027 2,467 4,588 3,468 Total liabilities 4,793 5,005 4,819 5,198 8,024 10,044 10,107 Interest-bearing liabilities 1,646 1,610 1,764 2,553 4,797 5,590 5,106 Total net assets 2,858 3,570 5,012 5,438 6,314 7,566 9,474 Shareholders' equity 2,632 3,369 4,791 4,922 5,691 6,991 8,806 Shareholders' equity ratio 34.4% 39.3% 48.7% 46.3% 39.7% 39.7% 45.0% Net cash 1,698 2,283 2,433 <td>Profit attributable to owners of parent</td> <td>795</td> <td>1,200</td> <td>1,575</td> <td>792</td> <td>974</td> <td>1,778</td> <td>799</td>	Profit attributable to owners of parent	795	1,200	1,575	792	974	1,778	799
Cash and deposits 3,344 3,894 4,197 3,739 5,076 5,208 6,456 Noncurrent assets 1,430 1,761 2,428 3,183 4,593 7,217 7,052 Goodwill 201 150 481 1,027 2,467 4,588 3,468 Total liabilities 4,793 5,005 4,819 5,198 8,024 10,044 10,107 Interest-bearing liabilities 1,646 1,610 1,764 2,553 4,797 5,590 5,106 Total net assets 2,858 3,570 5,012 5,438 6,314 7,566 9,474 Shareholders'equity 2,632 3,369 4,791 4,922 5,691 6,991 8,806 Shareholders' equity ratio 34.4% 39.3% 48.7% 46.3% 39.7% 39.7% 45.0% Net cash 1,698 2,283 2,433 1,186 278 -382 1,350 Debt Equity Ratio 0.6 0.5 0.4	Total assets	7,651	8,575	9,832	10,637	14,338	17,610	19,581
Noncurrent assets 1,430 1,761 2,428 3,183 4,593 7,217 7,052 Goodwill 201 150 481 1,027 2,467 4,588 3,468 Total liabilities 4,793 5,005 4,819 5,198 8,024 10,044 10,107 Interest-bearing liabilities 1,646 1,610 1,764 2,553 4,797 5,590 5,106 Total net assets 2,858 3,570 5,012 5,438 6,314 7,566 9,474 Shareholders'equity 2,632 3,369 4,791 4,922 5,691 6,991 8,806 Shareholders' equity ratio 34.4% 39.3% 48.7% 46.3% 39.7% 39.7% 45.0% Net cash 1,698 2,283 2,433 1,186 278 -382 1,350 Debt Equity Ratio 0.6 0.5 0.4 0.5 0.8 0.8 0.6 Net cash provided by operating activities 1,825 1,436 8	Current assets	6,221	6,813	7,403	7,453	9,744	10,392	12,528
Goodwill 201 150 481 1,027 2,467 4,588 3,468 Total liabilities 4,793 5,005 4,819 5,198 8,024 10,044 10,107 Interest-bearing liabilities 1,646 1,610 1,764 2,553 4,797 5,590 5,106 Total net assets 2,858 3,570 5,012 5,438 6,314 7,566 9,474 Shareholders'equity 2,632 3,369 4,791 4,922 5,691 6,991 8,806 Shareholders' equity ratio 34.4% 39.3% 48.7% 46.3% 39.7% 39.7% 45.0% Net cash 1,698 2,283 2,433 1,186 278 -382 1,350 Debt Equity Ratio 0.6 0.5 0.4 0.5 0.8 0.8 0.6 Net cash provided by operating activities 1,825 1,436 889 1,086 1,416 3,077 2,850 Net cash provided by (used in) financing activities -69	Cash and deposits	3,344	3,894	4,197	3,739	5,076	5,208	6,456
Total liabilities 4,793 5,005 4,819 5,198 8,024 10,044 10,107 Interest-bearing liabilities 1,646 1,610 1,764 2,553 4,797 5,590 5,106 Total net assets 2,858 3,570 5,012 5,438 6,314 7,566 9,474 Shareholders'equity 2,632 3,369 4,791 4,922 5,691 6,991 8,806 Shareholders' equity ratio 34.4% 39.3% 48.7% 46.3% 39.7% 39.7% 45.0% Net cash 1,698 2,283 2,433 1,186 278 -382 1,350 Debt Equity Ratio 0.6 0.5 0.4 0.5 0.8 0.8 0.6 Net cash provided by operating activities 1,825 1,436 889 1,086 1,416 3,077 2,850 Net cash used in investing activities -610 -618 62 -1,018 -1,813 -2,537 -1,903 Net cash provided by (used in) financing activitie	Noncurrent assets	1,430	1,761	2,428	3,183	4,593	7,217	7,052
Interest-bearing liabilities 1,646 1,610 1,764 2,553 4,797 5,590 5,106 Total net assets 2,858 3,570 5,012 5,438 6,314 7,566 9,474 Shareholders' equity 2,632 3,369 4,791 4,922 5,691 6,991 8,806 Shareholders' equity ratio 34.4% 39.3% 48.7% 46.3% 39.7% 39.7% 45.0% Net cash 1,698 2,283 2,433 1,186 278 -382 1,350 Debt Equity Ratio 0.6 0.5 0.4 0.5 0.8 0.8 0.6 Net cash provided by operating activities 1,825 1,436 889 1,086 1,416 3,077 2,850 Net cash used in investing activities -610 -618 62 -1,018 -1,813 -2,537 -1,903 Net cash provided by (used in) financing activities -69 -250 -693 -515 1,730 -546 141 ROE 29.2	Goodwill	201	150	481	1,027	2,467	4,588	3,468
Total net assets 2,858 3,570 5,012 5,438 6,314 7,566 9,474 Shareholders' equity 2,632 3,369 4,791 4,922 5,691 6,991 8,806 Shareholders' equity ratio 34.4% 39.3% 48.7% 46.3% 39.7% 39.7% 45.0% Net cash 1,698 2,283 2,433 1,186 278 -382 1,350 Debt Equity Ratio 0.6 0.5 0.4 0.5 0.8 0.8 0.6 Net cash provided by operating activities 1,825 1,436 889 1,086 1,416 3,077 2,850 Net cash used in investing activities -610 -618 62 -1,018 -1,813 -2,537 -1,903 Net cash provided by (used in) financing activities -69 -250 -693 -515 1,730 -546 141 ROE 29.2% 40.0% 38.6% 16.3% 18.4% 28.0% 10.1%	Total liabilities	4,793	5,005	4,819	5,198	8,024	10,044	10,107
Shareholders'equity 2,632 3,369 4,791 4,922 5,691 6,991 8,806 Shareholders' equity ratio 34.4% 39.3% 48.7% 46.3% 39.7% 39.7% 45.0% Net cash 1,698 2,283 2,433 1,186 278 -382 1,350 Debt Equity Ratio 0.6 0.5 0.4 0.5 0.8 0.8 0.6 Net cash provided by operating activities 1,825 1,436 889 1,086 1,416 3,077 2,850 Net cash used in investing activities -610 -618 62 -1,018 -1,813 -2,537 -1,903 Net cash provided by (used in) financing activities -69 -250 -693 -515 1,730 -546 141 ROE 29.2% 40.0% 38.6% 16.3% 18.4% 28.0% 10.1%	Interest-bearing liabilities	1,646	1,610	1,764	2,553	4,797	5,590	5,106
Shareholders' equity ratio 34.4% 39.3% 48.7% 46.3% 39.7% 39.7% 45.0% Net cash 1,698 2,283 2,433 1,186 278 -382 1,350 Debt Equity Ratio 0.6 0.5 0.4 0.5 0.8 0.8 0.6 Net cash provided by operating activities 1,825 1,436 889 1,086 1,416 3,077 2,850 Net cash used in investing activities -610 -618 62 -1,018 -1,813 -2,537 -1,903 Net cash provided by (used in) financing activities -69 -250 -693 -515 1,730 -546 141 ROE 29.2% 40.0% 38.6% 16.3% 18.4% 28.0% 10.1%	Total net assets	2,858	3,570	5,012	5,438	6,314	7,566	9,474
Net cash 1,698 2,283 2,433 1,186 278 -382 1,350 Debt Equity Ratio 0.6 0.5 0.4 0.5 0.8 0.8 0.6 Net cash provided by operating activities 1,825 1,436 889 1,086 1,416 3,077 2,850 Net cash used in investing activities -610 -618 62 -1,018 -1,813 -2,537 -1,903 Net cash provided by (used in) financing activities -69 -250 -693 -515 1,730 -546 141 ROE 29.2% 40.0% 38.6% 16.3% 18.4% 28.0% 10.1%	Shareholders'equity	2,632	3,369	4,791	4,922	5,691	6,991	8,806
Debt Equity Ratio 0.6 0.5 0.4 0.5 0.8 0.8 0.6 Net cash provided by operating activities 1,825 1,436 889 1,086 1,416 3,077 2,850 Net cash used in investing activities -610 -618 62 -1,018 -1,813 -2,537 -1,903 Net cash provided by (used in) financing activities -69 -250 -693 -515 1,730 -546 141 ROE 29.2% 40.0% 38.6% 16.3% 18.4% 28.0% 10.1%	Shareholders' equity ratio	34.4%	39.3%	48.7%	46.3%	39.7%	39.7%	45.0%
Net cash provided by operating activities 1,825 1,436 889 1,086 1,416 3,077 2,850 Net cash used in investing activities -610 -618 62 -1,018 -1,813 -2,537 -1,903 Net cash provided by (used in) financing activities -69 -250 -693 -515 1,730 -546 141 ROE 29.2% 40.0% 38.6% 16.3% 18.4% 28.0% 10.1%	Net cash	1,698	2,283	2,433	1,186	278	-382	1,350
Net cash used in investing activities -610 -618 62 -1,018 -1,813 -2,537 -1,903 Net cash provided by (used in) financing activities -69 -250 -693 -515 1,730 -546 141 ROE 29.2% 40.0% 38.6% 16.3% 18.4% 28.0% 10.1%	Debt Equity Ratio	0.6	0.5	0.4	0.5	0.8	0.8	0.6
Net cash provided by (used in) financing activities -69 -250 -693 -515 1,730 -546 141 ROE 29.2% 40.0% 38.6% 16.3% 18.4% 28.0% 10.1%	Net cash provided by operating activities	1,825	1,436	889	1,086	1,416	3,077	2,850
ROE 29.2% 40.0% 38.6% 16.3% 18.4% 28.0% 10.1%	Net cash used in investing activities	-610	-618	62	-1,018	-1,813	-2,537	-1,903
	Net cash provided by (used in) financing activities	-69	-250	-693	-515	1,730	-546	141
Dividend Payout Ratio 32.3% 20.9% 18.0% 38.6% 31.0% 18.2% 57.5%	ROE	29.2%	40.0%	38.6%	16.3%	18.4%	28.0%	10.1%
	Dividend Payout Ratio	32.3%	20.9%	18.0%	38.6%	31.0%	18.2%	57.5%

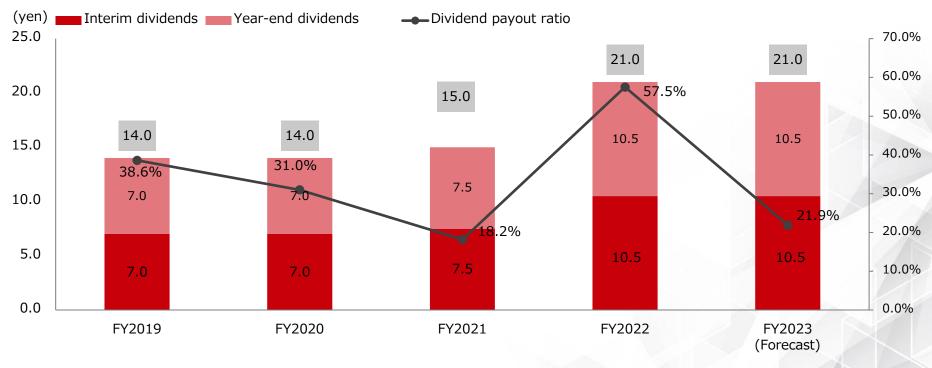
Shareholder Returns



Basic Policy to Return Profits to Shareholders

While securing sufficient internal reserves to invest in business growth and strengthen our management structure, stable dividends to shareholders with a payout ratio of 20% as the minimum target

Changes in dividends





Major risks

Countermeasures

- Leakage of confidential information
- Prohibiting staff members from bringing personal items into the test room
- Physical security measures including access control with fingerprint authentication and the installation of security cameras
- Introduction of a personal reference system that applies to all registered testers
- 2. Obsolescence of existing services by technological innovation
- -Focusing on the application of the latest technologies, including a test automation project
- -The development of new services to improve added value

- Reduction of productive population in Japan
- -Developing internal training programs that will enable the active participation of members with diverse generational, racial, and other backgrounds
- Strategically acquiring human resources through our overseas offices

- 4. Expansion of corporate acquisition and new businesses
- In-depth market research and due diligence
- Reducing risks by building a system for appropriate business management after acquisition

(Ref.) Our Aims for Sustainable Value Creation



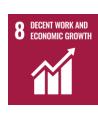
Our Major Initiatives and Sustainable Development Goals (SDGs)

Human resource

To resolve the shortage of IT human resource

- Internal support system for obtaining software test certification of "JSTQB".
- Provide world-class test engineer training program in "AGEST Academy" for employees.
- Provide educational opportunities through collaborations with METI, local governments including Osaka and Gunma prefecture, correspondence high schools, NPOs, and career transition support offices.





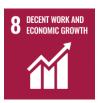


Human resource

Workplace for diverse human resources

- Provide workplaces for diverse people such as students, part-timers, young actors and musicians, and people with disabilities at test centers with over 3,000 people every day.
- Provide employment opportunities through the operation of the Tokyo Metropolis-Certified Social Firm.
- Employ foreign nationalities of more than 30 countries/areas, such as Asia, Europe and the U.S., who engage in translation/linguistic debugging service, etc.







Technology

To realize a secure and safe digital society

- Established "AGEST Testing Lab. " to promote research on new software testing methods to support the evolving software society through industry-academic collaboration.
- Launched factory cyber security solutions to Japan market collaboratively with four companies including Siemens K.K.





Communities

To revitalize local community and resolve IT disparities

- Create jobs throughout nationwide test centers (Lab.) and promote teleworking/ work-from-home style by Remote Debugging service.
- Contribute to cyber security measures for local communities and SMEs by acquiring a certification from Information-technology Promotion Agency, Japan (IPA).







Terms	Definition	
Enterprise Business	Our service-based business segment for non-gaming enterprise software, which provides software testing and cyber security. It is the main driver of growth in our corporate group due to the massive digital transformation currently sweeping through society.	
Entertainment Business	Our service-based business segment for the game and entertainment industries, which provides debugging and localization. It is our "cash cow", primary stream of revenue in Japan and continues to see extensive growth in the global market.	
System Testing	This is a term used in our Enterprise Business and the same meaning of software testing. System testing comprises detection of system bugs for enterprise resource planning (ERP) software, websites, business apps, etc.	
Debugging	This is a term used in our Entertainment Business. We run tests and find software bugs from the perspective of the user. Debugging generally refers to the identification and correction of errors, but we specialize in identifying and reporting them. Mobile games comprise two-thirds of our debugging requests, with console games making up the other third.	
QA	An abbreviation for Quality Assurance. It includes both of software testing and game debugging.	
LQA	An abbreviation for Linguistic Quality Assurance. LQA focuses on finding and fixing in-game linguistical errors that occur when translating from a foreign language.	
Test Engineer	Engineers who conduct software testing. It has not been popular yet in Japan as a job career and Japan currently has a shortage of test engineers, we often recruit IT engineers and provide them the necessary training.	
Tester	Staff members who carry out debugging. Most of our testers are registered part-time workers. Some are trained to work as test engineers or cybersecurity specialists.	
Console Games	A game played using dedicated hardware such as the Nintendo Switch or PlayStation.	
Qualitist	Our uniquely coined term for specialists who contribute to the quality of software. It refers to all IT specialists such as test engineers and cybersecurity specialists in our Enterprise Business, as well as testers, translators, 2D/3D graphic designers, etc. that work in our Entertainment Business.	



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