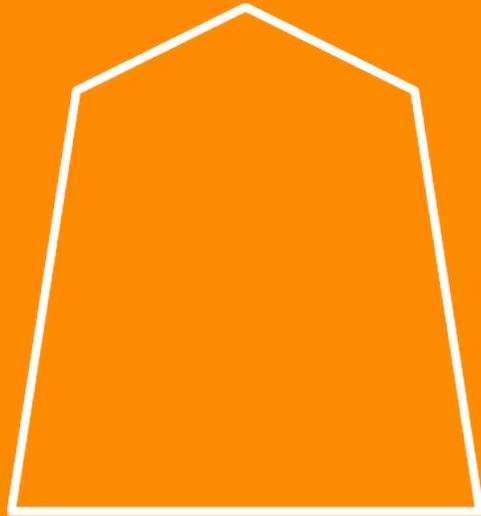


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HEROZ JAPAN

Presentation Material for
FY04/2019 Q1 Financial Results

September 11, 2018

HEROZ, Inc. (4382)

HEROZ
JAPAN

- 1. Business Overview**
2. FY04/2019 Q1 Performance
3. Growth Strategy
4. Reference Materials

Creating the future through artificial intelligence (AI) revolutions

Global Leader in Mind Game AI

Chess AI



Deep Blue ('97)
defeated a human
being champion

IBM

Shogi AI



AI developed by our
engineers defeated a
professional shogi
(Japanese Chess)
player ('13)

HEROZ

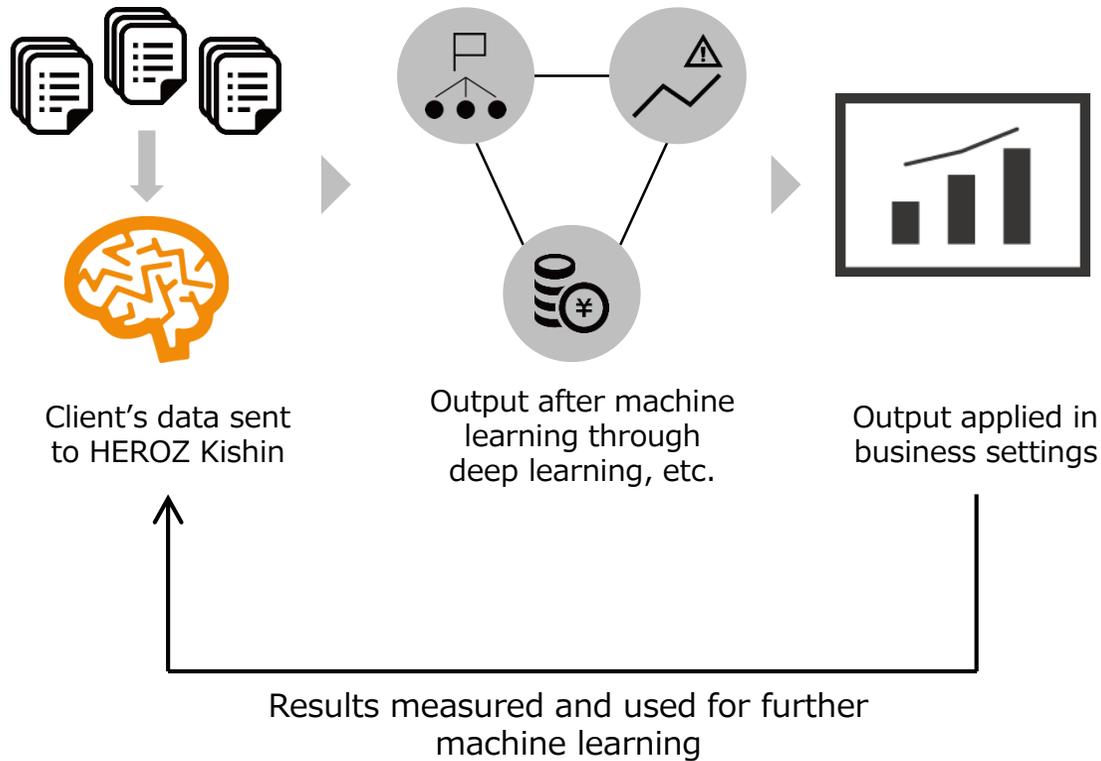
Go AI



Google acquired Deep Mind
('14)
AlphaGo, developed by
Deep Mind, defeated a
professional Go player
('16)

Google

B-to-B Services: Profit Model and High Switching Costs



Output precision increases through repeated machine learning

Research/develop Shogi AI

Standardize AI technology accumulated through shogi AI

Establish "HEROZ Kishin" = MLaaS (Machine Learning as a Service)

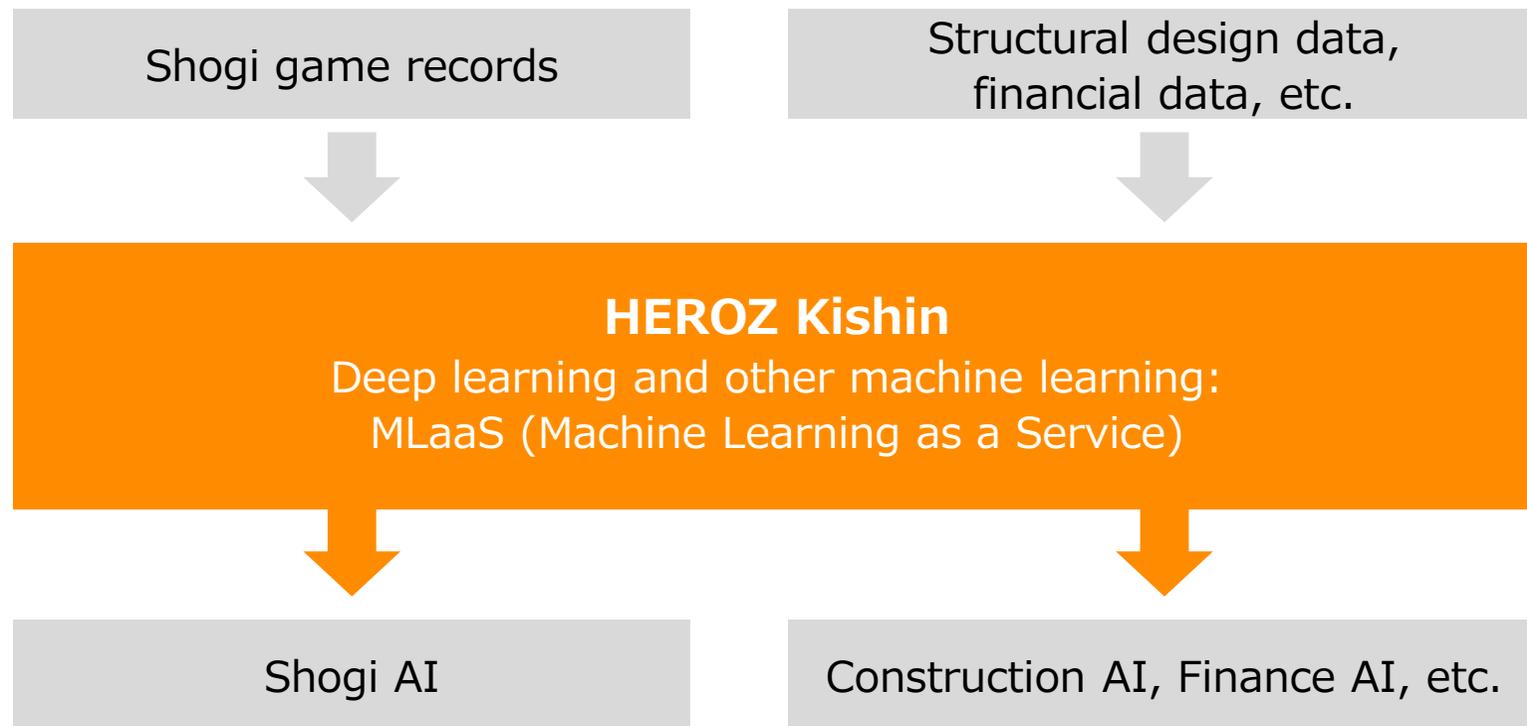
Establish an infrastructure which allows HEROZ to provide AI services efficiently to solve various challenges in various industries just by changing input data

Provide comprehensive AI services with massive servers

Achieve stable, sustained earnings and high switching costs

Earning structure: initial setup fee and ongoing fees

B-to-B Services: Provide Services by Replacing Shogi Game Records with Corporate Data

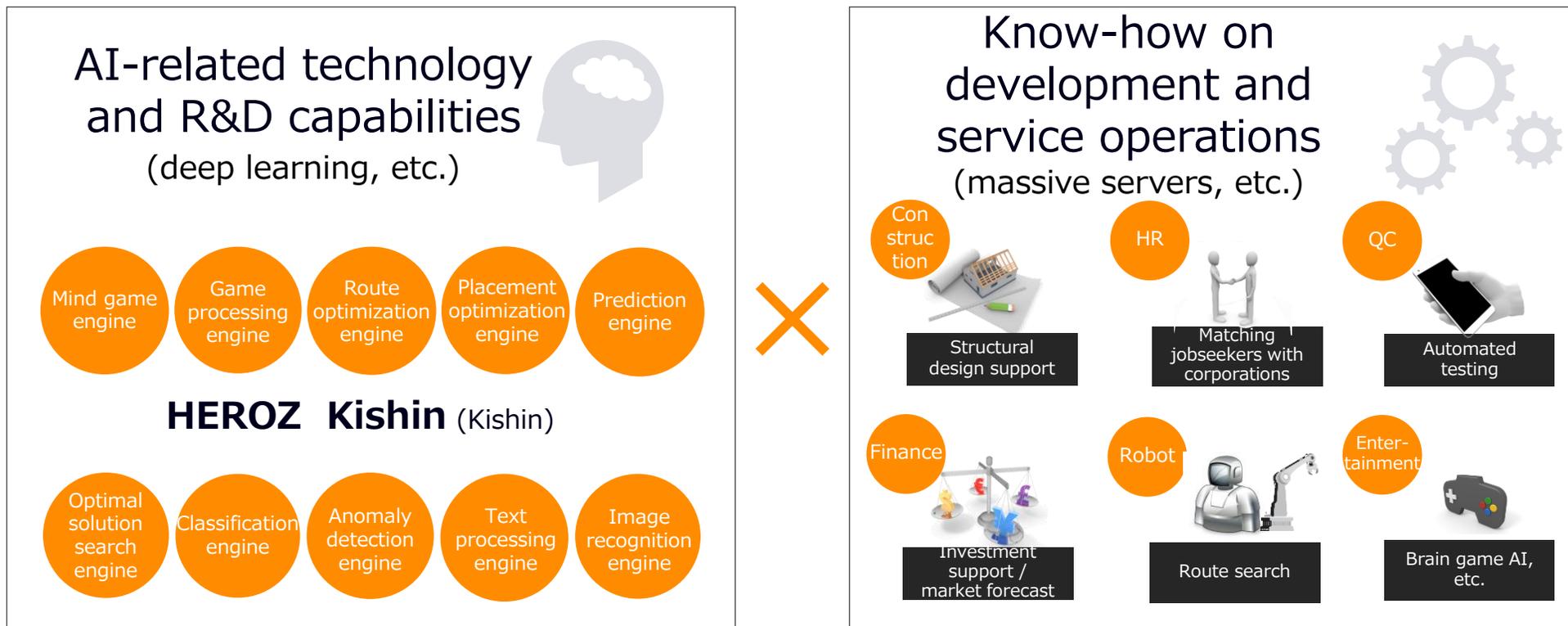


MLaaS : What is Machine Learning as a Service?

Business model which provides machine learning/deep learning as service, similar to SaaS (Software as a Service) and IaaS (Infrastructure as a Service)

B-to-B Services: Engines included in HEROZ Kishin and Examples of Applications

- Create AI products by combining engines and achieve an efficient operating structure



- In construction AI, which is one area of focus, we entered into a capital and business alliance with Takenaka Corporation in 2017 and became a member of i-Construction, aiming to create a new, productive and attractive construction site using AI

Charging fees for B-to-C content which user AI

- Leveraging AI-related technology to provide brain games such as shogi, chess, and backgammon worldwide
- Also engaging in collaboration with IP characteristics



Shogi Wars



Animal
Shogi Wars



Igo Wars



CHESS HEROZ
(English)



BackgammonAce
(English)



Pokémon Comaster
(Pokémon Duel)

Profit structure:
AI fee income from users, etc.

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- We believe that EBITDA, as calculated below, is our key performance indicator

$$\text{EBITDA} = \text{Operating Profit} + \text{Depreciation/Amortization Expenses}$$

- In AI-related businesses, server investments, etc. are required to engage in advanced machine learning, leading to various depreciation/amortization expenses. We aim to continuously enhance enterprise value/equity value via EBITDA growth, without being concerned about fluctuations in one-time depreciation/amortization expenses.

Performance Overview (May-July 2018)

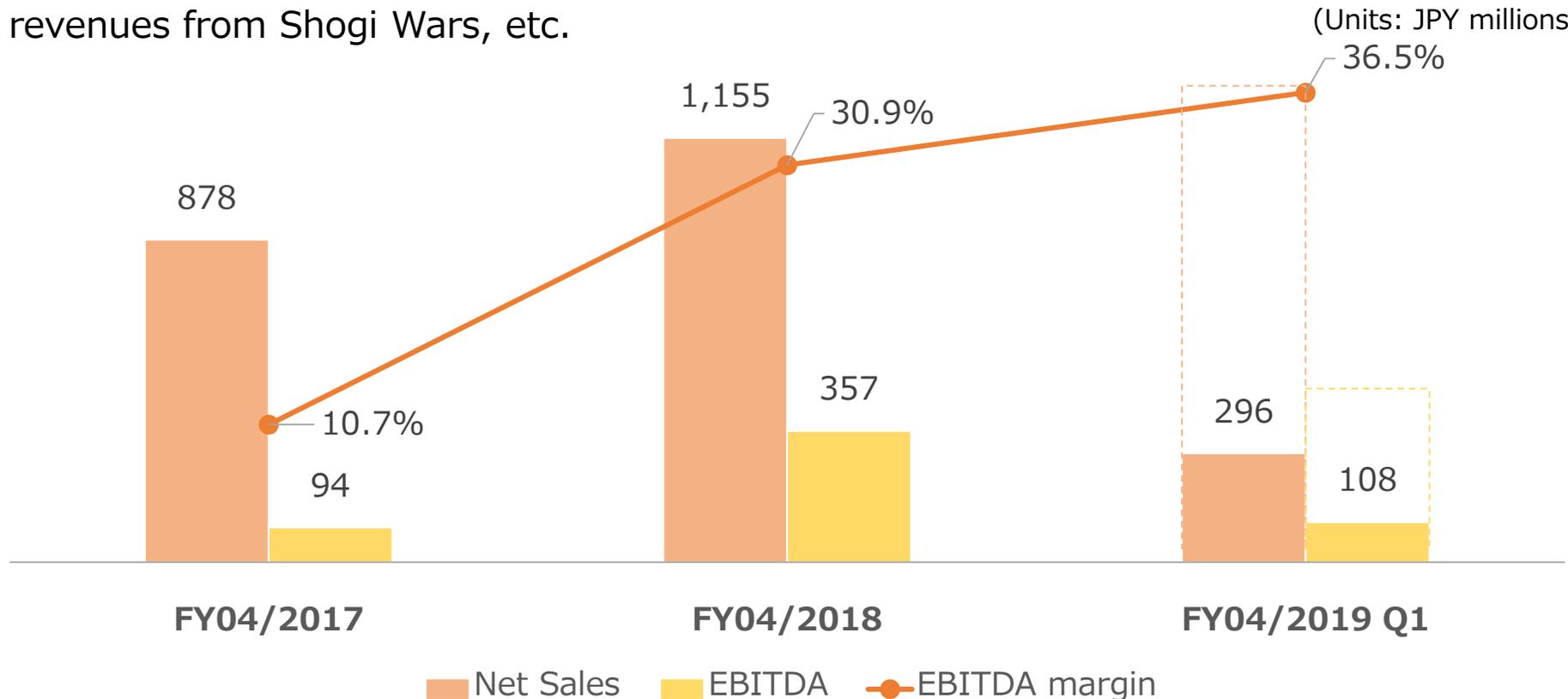
- We made steady progress towards achievement of fiscal year forecasts in the first quarter, driven by an increase in new and ongoing AI (B-to-B) projects and steady performance of Shogi Wars in AI (B-to-C) services

(Units: JPY millions)	FY04/2019 Q1	FY04/2019 Forecast	% Progress	(Reference) FY04/2018 Results
Net Sales	296	1,300	22.8%	1,155
EBITDA*	108	450	24.0%	357
<i>EBITDA Margin</i>	<i>36.5%</i>	<i>34.6%</i>		<i>30.9%</i>
Operating Profit	104	400	26.0%	354
<i>Operating Margin</i>	<i>35.1%</i>	<i>30.8%</i>		<i>30.6%</i>
Ordinary Profit	104	400	26.0%	338
Net Income	71	280	25.4%	247

* EBITDA = Operating Profit + Depreciation Expenses + Amortization of Lease Deposits

Performance Trends

- We forecast that revenues from AI (B-to-B) services, which is the core pillar of our growth strategy, will more than double on a year-on-year basis in FY04/2019
- On the other hand, we expect revenues from AI (B-to-C) services to decrease on a year-on-year basis as full year revenue contributions will not be recorded from several unprofitable services terminated during the last fiscal year. We expect a slight increase in revenues from Shogi Wars, etc.



Balance Sheet (as of July 31, 2018)

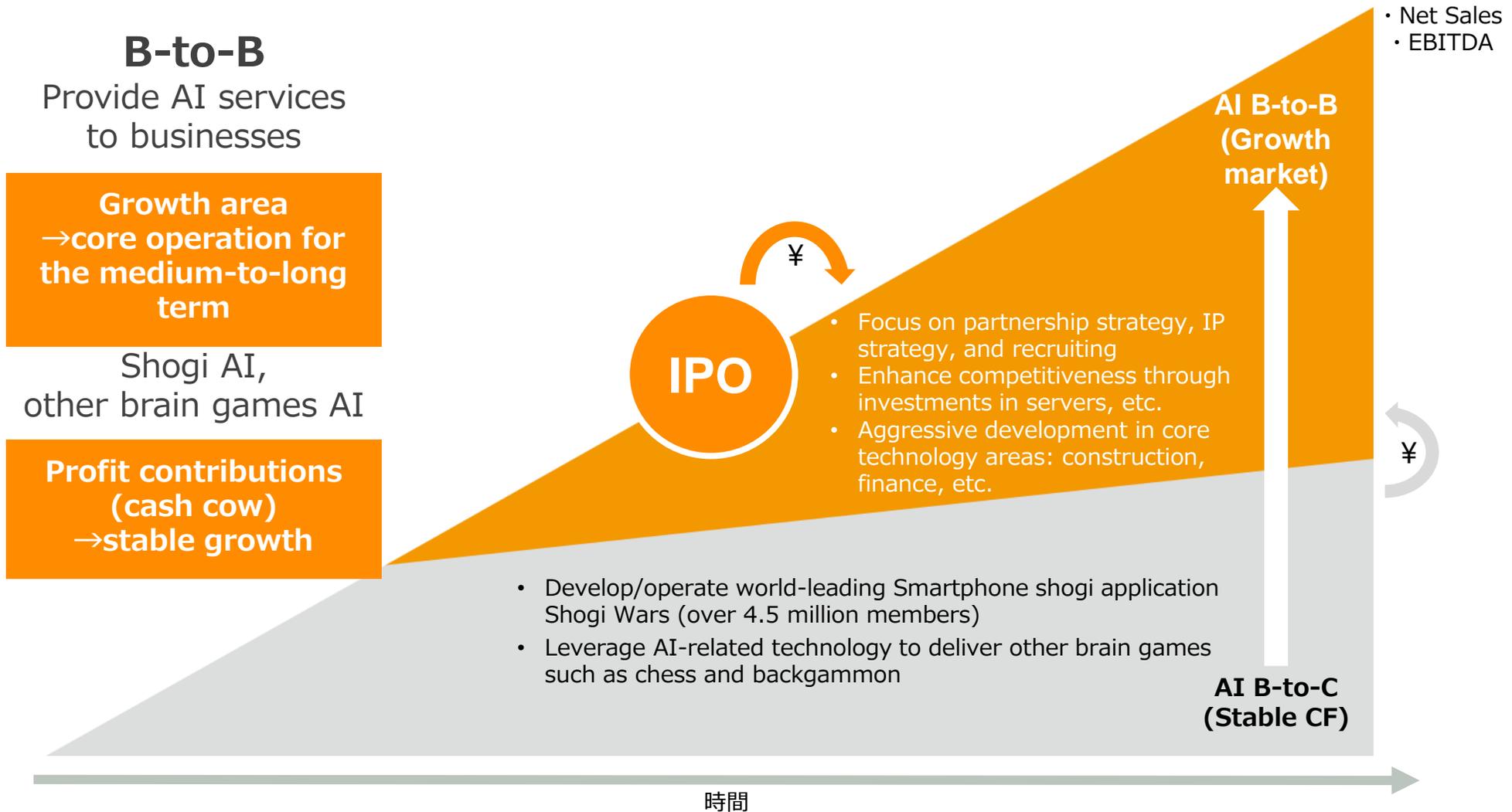
- We expect to continue to invest cash and deposits in efforts to achieve the medium-to-long-term growth strategy (computing servers, R&D, etc.)
- Tangible fixed assets increased in the first quarter due to the purchase of computing servers for about 50 million yen (of which 25 million yen was recorded under construction in progress as of the end of the previous fiscal year)

Units: JPY millions	As of 7/31/2018	As of 4/30/2018
Current Assets	1,705	1,684
Cash and deposits	1,552	1,555
Fixed Assets	92	63
Property, plant and equipment	51	30
Intangible assets	0	0
Investments and other assets	40	32
Total Assets	1,797	1,748
Current Liabilities	113	243
Fixed Liabilities	-	-
Net Assets	1,684	1,504

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Medium-to-long-term Growth Strategy



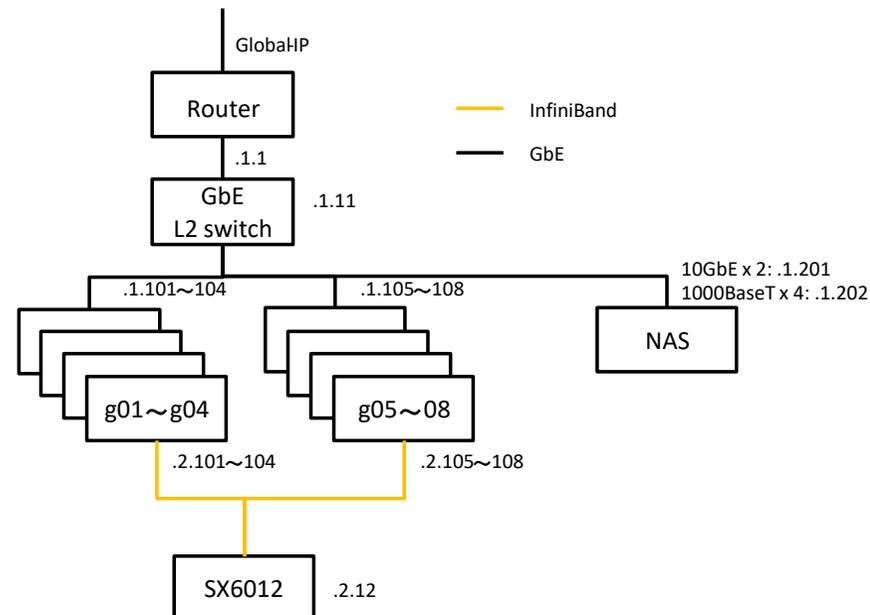
Initiatives Aimed at Achieving the Growth Strategy (1)

- Member of the Japan Deep Learning Association (JDLA) since July 19, 2018
 - Contributing to JDLA's activities (advice to governmental organizations and corporations, human resource development, international coordination, dialogues with society, etc.) based on its deep learning and other machine learning know-how accumulated through shogi AI, etc.
 - Contributing to the promotion of business applications for deep learnings as a full JDLA member

- AI (B-to-B) services
 - Forecasting that set sales will more than double in the current fiscal year through a focus on the following 3 areas
 - Construction
 - Establish structural design model through reinforced learning to support designers, etc.
 - Finance
 - Create financial market forecast models
 - Create FX trading model and provide investor trading simulation and evaluation services
 - Entertainment
 - Create high-quality NPCs (non-player characters), adjust game balance, etc.

Initiatives Aimed at Achieving the Growth Strategy (2)

- Completed investment of about 50 million yen in proprietary computing server for machine learning in the first quarter (planning total investment of about 200 million yen during the fiscal year)
 - Allows for R&D efforts using larger, more complicated data (e.g. CAD data)
 - Can shorten time required for initial setup in the AI (B-to-B) services
 - Server depreciation costs, etc. will increase but the focus will be placed on continued EBITDA growth



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Company Overview

Name HEROZ, Inc.
Location PMO Tamachi 2F, 5-31-17 Shiba, Minato-ku, Tokyo
Established April 2009
Paid-in Capital 259 million yen (as of 7/31/2018)
Representatives Takahiro Hayashi/Tomohiro Takahashi
Business Description AI (B-to-B) services: HEROZ Kishin
AI (B-to-C) services: Shogi Wars, etc.



Representative Director and CEO
Takahiro Hayashi

Graduated from Waseda University
Joined NEC as a technology engineer
Experience at IT strategy division, business planning division
Founded HEROZ



Representative Director and COO
Tomohiro Takahashi

Graduated from Waseda University
Joined NEC as a technology engineer
Experience at Business Planning Division, BIGLOBE
Founded HEROZ

2018
Listed on Tokyo Stock Exchange (TSE) Mothers
Capital and business alliance with Netmarble Games Corporation

2017
Capital and business alliances with Takenaka Corporation, Hearts United Group, and Koei Tecmo Games

2016
Awarded the JVA2016 Small and Medium Enterprise Agency Commissioner Award
Capital and business alliance with Bandai Namco Entertainment

2013
Shogi AI, developed by HEROZ engineers, defeated a shogi professional

Shogi Track Record

Amateur 6th dan (highest rank after becoming national amateur champion)
7th dan, Shogi Wars
Amateur Kisen Champion (7-time title defender as national champion)
Played against Yoshiharu Habu (permanent 7 title holder)

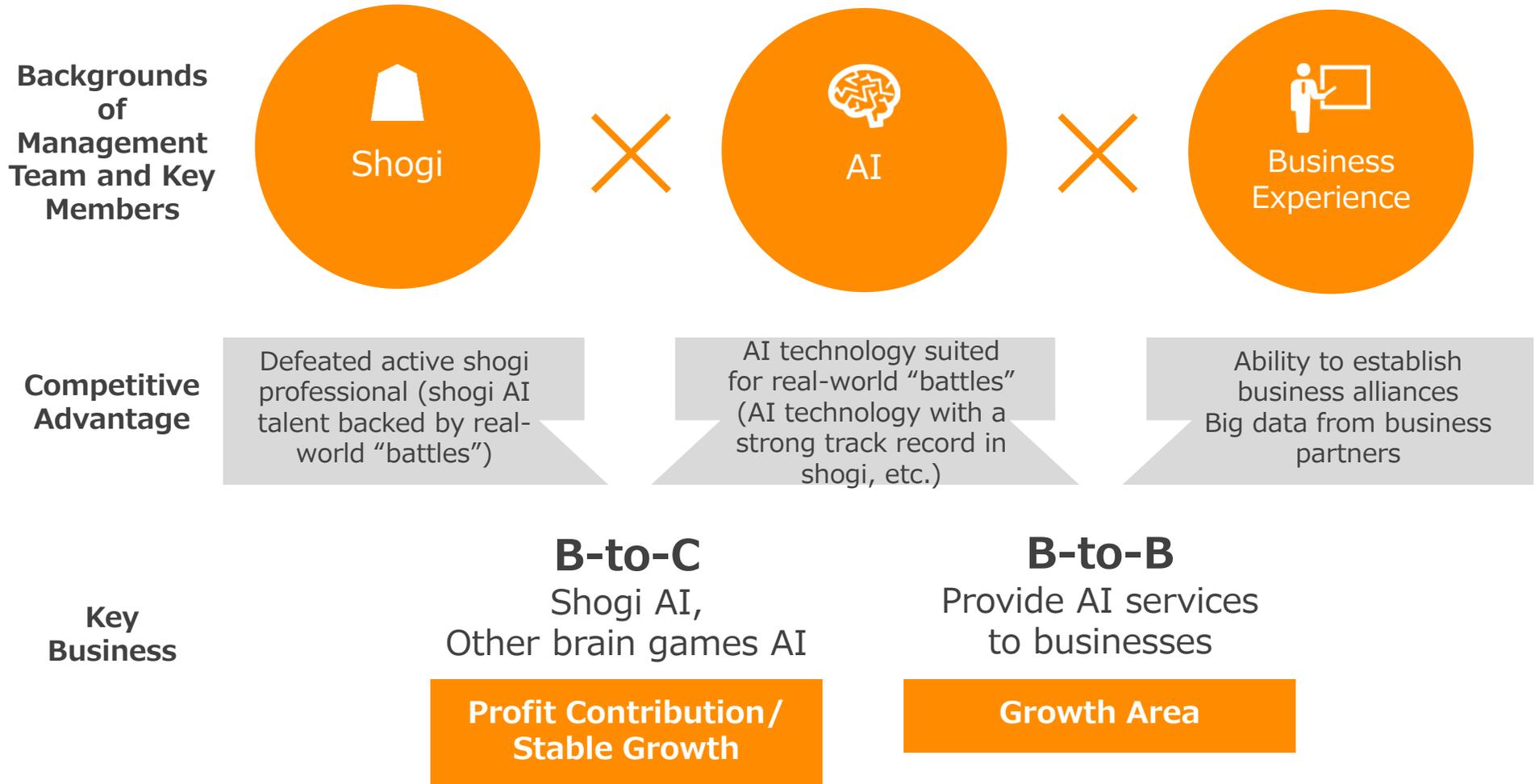
Director and CFO, Business Planning Manager

Daisuke Asahara

Graduated from Kyoto University Graduate School
MBO from Wharton School, University of Pennsylvania (delivered graduation speech as student body representative)
Investment Banking Division, Goldman Sachs



HEROZ's Competitive Advantages



The contents set out in this material are prepared based on generally acknowledged economic, social and other conditions, and on certain assumptions deemed rational by HEROZ, Inc. and may therefore be subject to change without prior notice due to changes in the managerial environment or for other reasons.

The forward-looking statements set out in this material including performance outlooks are based on information currently available to HEROZ, Inc. and on certain assumptions deemed rational, and may therefore differ materially from actual results due to uncertainties in judgements or assumptions, or for other reasons.

Such factors of uncertainty and change include both general, domestic and international economic conditions, such as general industry and market conditions, interest rates, and foreign exchange fluctuations. HEROZ, Inc. shall not undertake any obligations to update or revise any forward-looking information set out in this material even in the event that new information becomes available or certain events occur hereafter.

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