

CIN	:	L72100HR1999PLC103911
PAN NO	:	AABCN4805A
GST NO	:	06AABCN4805A1Z3

Date: 01.05.2024

То,	То,
The Manager	The Manager
Listing Department	Listing Department
BSE Limited	National Stock Exchange of India Limited
Phiroze Jeejeebhoy Towers Dalal Street	Exchange Plaza, Bandra Kurla Complex
Mumbai- 400001	Bandra East, Mumbai- 400051
Scrip Code: 543945	Scrip Code: NETWEB

#### SUBJECT: STRATEGY PRESENTATION ON THE YEARLY/QUARTERLY FINANCIAL RESULTS

Dear Sir/ Madam,

Please find enclosed herewith the strategy Presentation on the Audited Financial results for the year/quarter ended on March 31, 2024

Kindly take the same on record.

#### Thanking You

#### For Netweb Technologies India Limited



Digitally signed by Lohit Chhabra Date: 2024.05.01 19:04:51 +05'30'

Lohit Chhabra Company Secretary & Compliance Officer



# **Netweb** TECHNOLOGIES

## India's Leading High-end Computing Solutions (HCS) Provider



#### May 2024

BSE: 543945

**NSE: NETWEB** 

Bloomberg: NETWEB:IN

## Safe Harbour Statement



This presentation may contain certain "forward-looking statements" within the meaning of applicable securities laws and regulations, which may include those describing the Company's strategies, strategic direction, objectives, future projects and/or prospects, estimates etc. Investors are cautioned that "forward looking statements" are based on certain assumptions of future events over which the Company exercises no control. Therefore, there can be no guarantee as to their accuracy and readers are advised not to place any undue reliance on these forward-looking statements. The Company undertakes no obligation to publicly update or revise any forward-looking statements, whether as a result of new information, future events, or otherwise. These statements involve a number of risks, uncertainties and other factors that could cause actual results or positions to differ materially from those that may be projected or implied by these forward-looking statements. Such risks and uncertainties include, but are not limited to; growth, competition, acquisitions, domestic and international economic conditions affecting demand, supply and price conditions in the various business's verticals in the Company's portfolio, changes in Government regulations, laws, statutes, judicial pronouncement, tax regimes, and the ability to attract and retain high quality human resource.



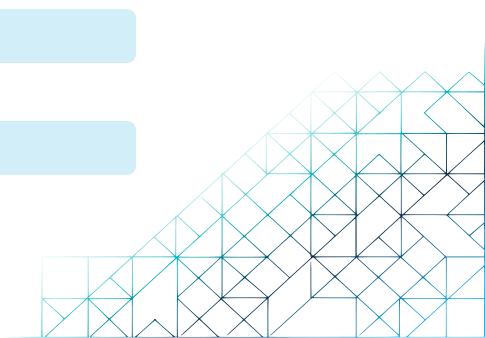


## 1 About Netweb Technologies



**3** Growth Strategies





## **About Netweb Technologies**



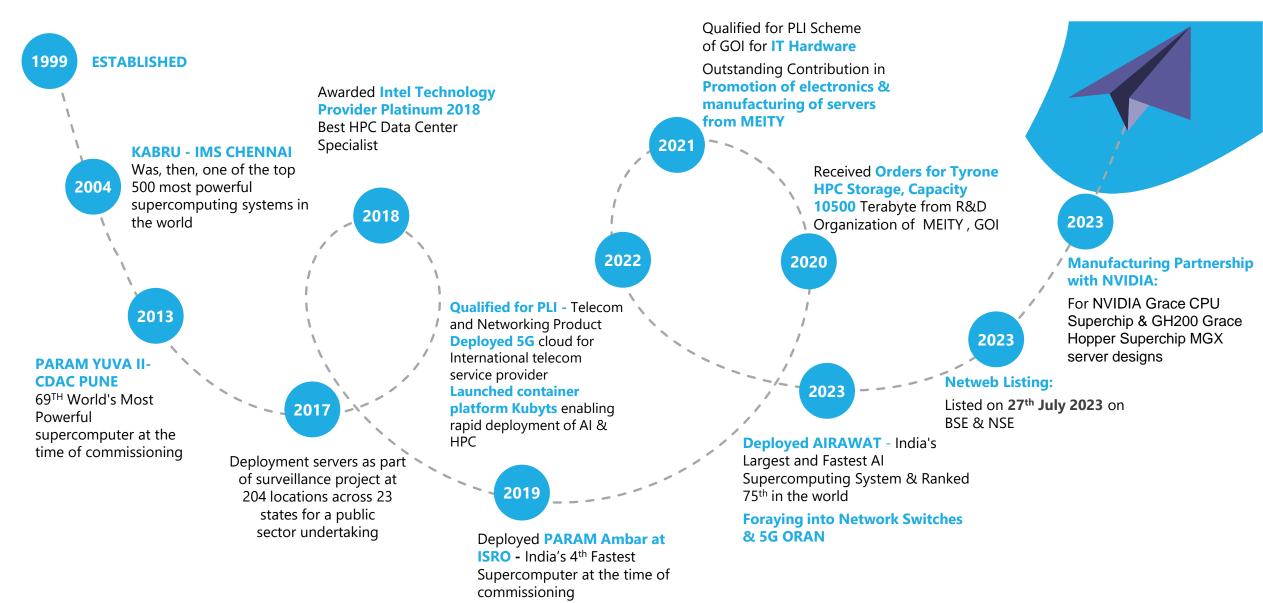
*India's leading Indian origin, owned and controlled OEM in the space of High-end Computing Solutions (HCS)* 



Note:: pib.gov.in; \* Proposed Dividend subject to Shareholders' approval.

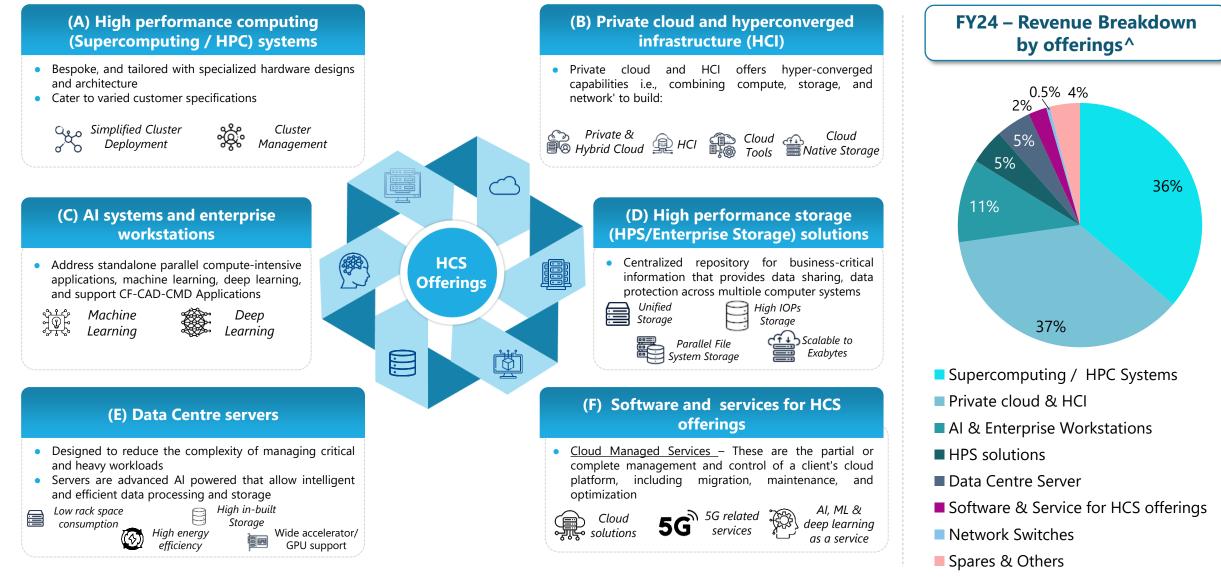
## **Key Milestones**





## **Snapshot of Our HCS Offerings (1/2)**

India's leading HCS provider with fully integrated design and manufacturing capabilities



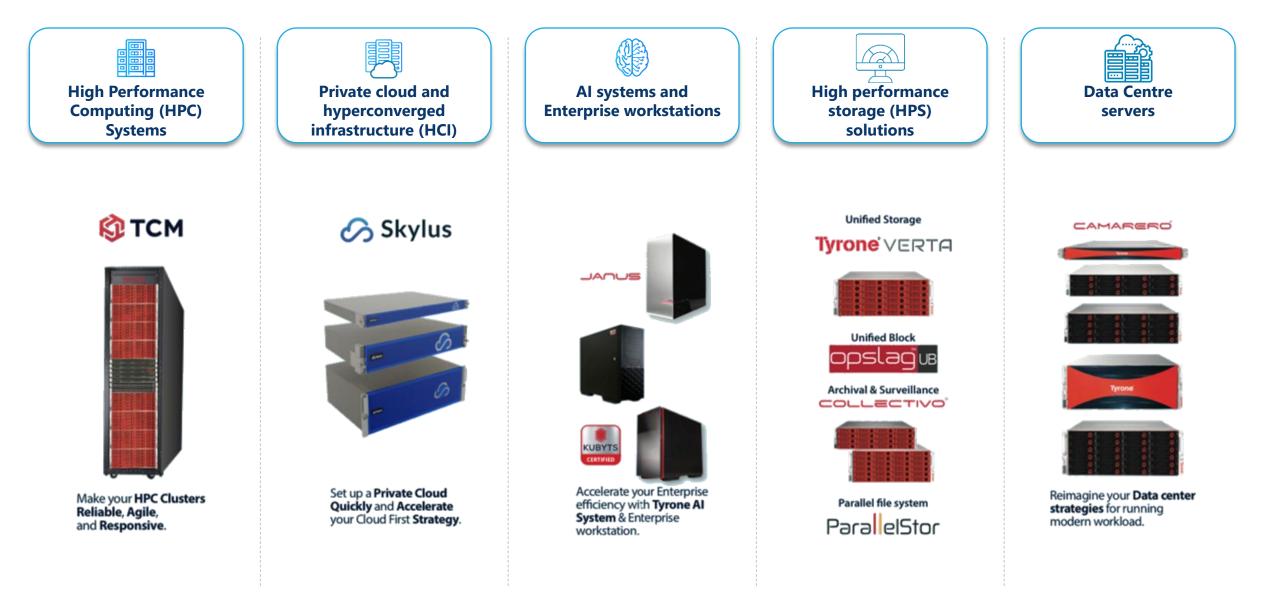
Netweh

^Govt & Non Govt Revenue on the basis of Revenue from operations excludes Other operating revenue

## **Snapshot of Our HCS Offerings (2/2)**



High-End Computing Solutions (HCS) Offerings Suite



# Netweb has designed, developed and deployed some of India's most powerful supercomputers

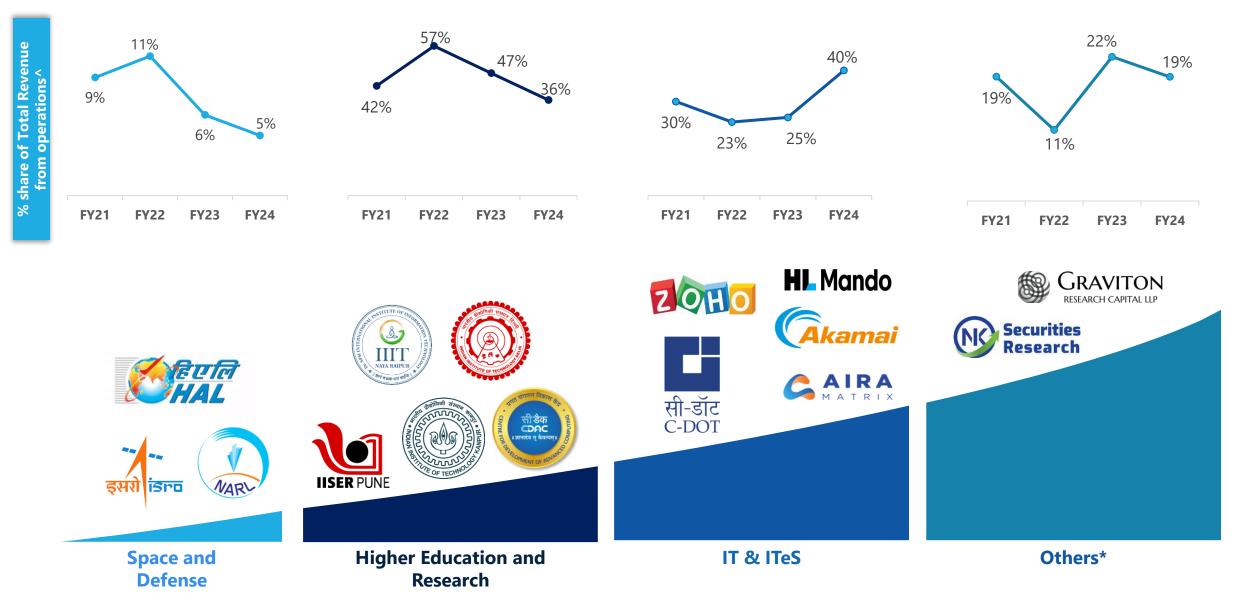


Supercomputer	Year of Deployment	User	Speed in teraflops (Rpeak)	Speed in teraflops (Rmax)	Particulars	Supercomputer	Year of Deployment	User	Speed in teraflops (Rpeak)	Speed in teraflops (Rmax)	Particulars
AIRAWAT	2023	Centre for Development of Advanced Computing, India (CDAC)	13,169.86	8,500.00	India's <b>largest</b> <b>and fastest Al</b> <b>supercomputing</b> system. Ranked <b>75th in the world</b> and has been included in the 61st edition of Top 500 Global Supercomputing List released in June 2023	Kalinga upgrade	2016 & 2020	NISER, Bhubaneshwar	249.37	161.42	India's <b>26th</b> fastest supercomputer
						Kohinoor 3	2016	TIFR-TCIS Hyderabad	70.85	43.59	India's <b>20th</b> fastest supercomputer
Agastya	2020	IIT Jammu	256.00	161.00	India's <b>27th</b> fastest supercomputer	PARAM YUVA-II	2013	Centre for Development of Advanced Computing, India	529.38	386.71	the <b>69th</b> most powerful supercomputer in
PARAM Ambar	2019	Indian Space Research Organisation (ISRO), Government of India	1,384.85	919.61	India's <b>4th</b> fastest supercomputer			(CDAC)			the world
Hartree	2018	National Institute of Science Education and Research (NISER), Bhubaneshwar	51.90	38.87	India's <b>29th</b> fastest supercomputer	Kabru	2004	The Institute of Mathematical Sciences, Chennai	1.38	1.00	Supercomputing system, which was then one of the <b>top</b> <b>500</b> most powerful supercomputing system in the world

## **Netweb's Diversified Application Industry Base**

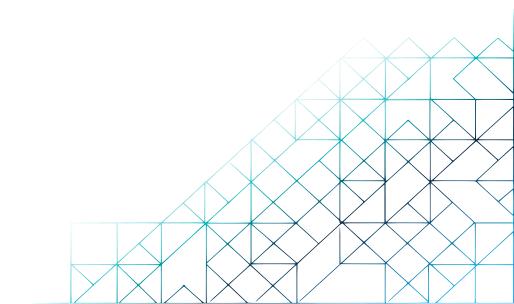


Catering to the end-to-end needs of customers that enable the company to attract new customers and diversify its customer base



\*Other enterprises includes BFSI, entertainment and media etc. ; ^ Revenue from operations excludes Other operating revenue

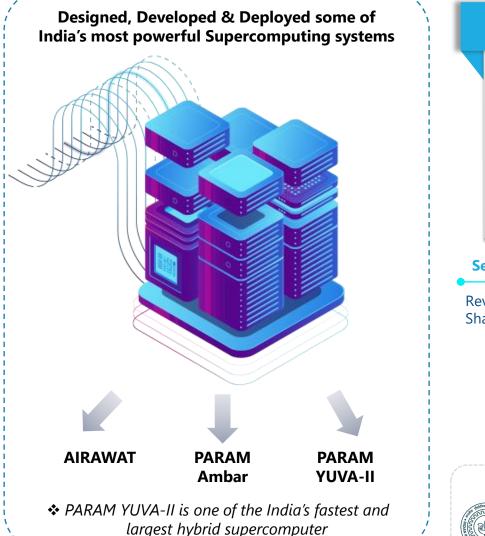
## **HCS Offerings Portfolio**



## **High Performance Computing (HPC)**

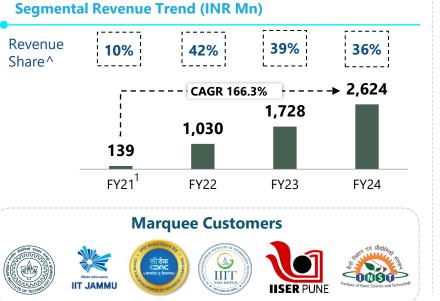
India's largest manufacturer of Supercomputing systems



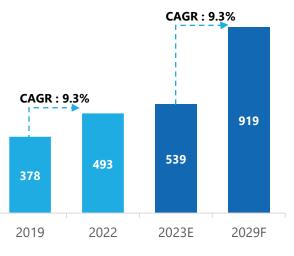


#### **HPC Systems Overview**

- In terms of the number of HPC installations, Netweb is one of the most significant OEMs in India amongst others\*
- Equipped with 'Tyrone' cluster management suite
- Deployed diverse Supercomputing systems ranging from 10 nodes to 400 nodes & scalable up to 1,000 nodes, to cater to different customers' requirements
- 300+ HPC Installations to various government institutions and private enterprises such as IITs, JNU, NMDC Data Centre, etc



#### Indian HPC Market (\$Mn)\*

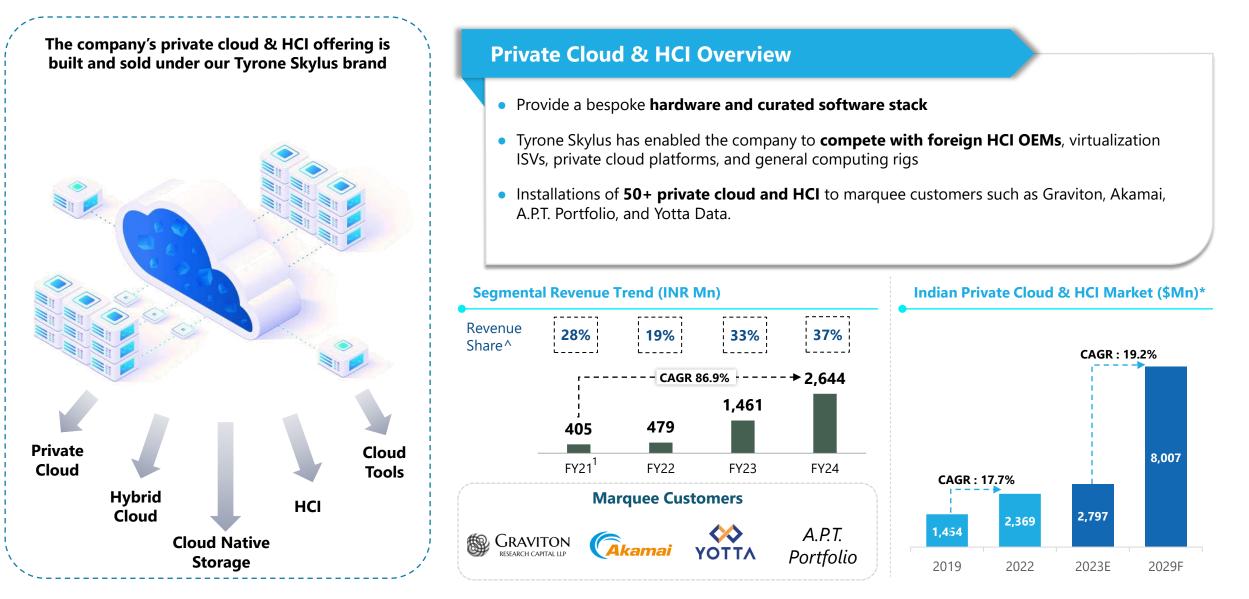


\*Source: F&S Report; Note: 1: FY21 was impacted due to COVID related disruptions; ^% share of revenue from operation excludes other operating revenue

## **Private Cloud and Hyperconverged Infrastructure (HCI)**



Offers hyper-converged capabilities i.e. combining compute, storage, and network



\*Source: F&S Report; Note: 1:FY21 was impacted due to COVID related disruptions; ^% share of revenue from operation excludes other operating revenue

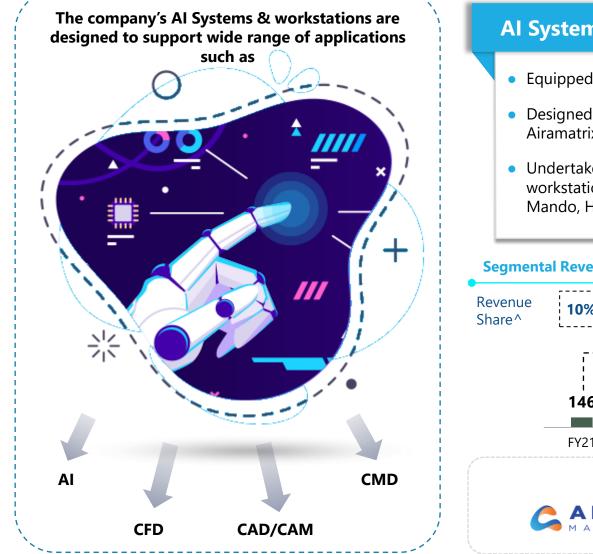
## AI Systems and Enterprise Workstations (AI & EW)



1,456

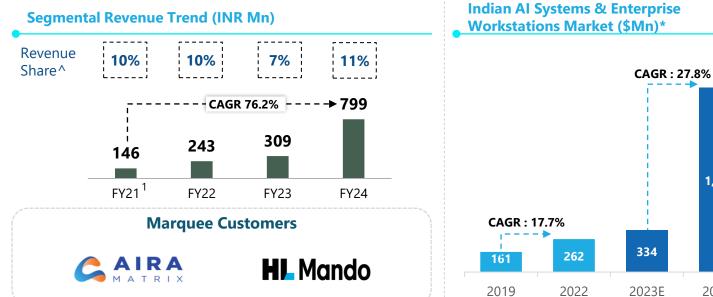
2029F

Address requirements of Supercomputing systems, machine learning and deep learning



#### **AI Systems & Enterprise Workstations Overview**

- Equipped with proprietary containerised application solution (viz., Tyrone Kubyts)
- Designed and developed a wide range of over 50 workstation models to customers such as Airamatrix & HL Mando
- Undertaken installations of over 4,000 accelerator / GPU-based AI systems and enterprise workstations for marquee customers such as IIT Jammu, IIT Kanpur, IIIT Naya Raipur, JNU, HL Mando, Hemvati University, and Airamatrix.



\*Source: F&S Report; Note: 1: FY21 was impacted due to COVID related disruptions; ^% share of revenue from operation excludes other operating revenue

## High Performance Storage (HPS/Enterprise Storage) Solutions



HPS Solutions provide high throughput and high IOPs<sup>#</sup> storage for enterprise computation users

The company's hardware, software have been developed in-house and are compliant with the 'Make in India' policy\*. Its HPS Solutions comprise:





Parallel file system

storage

Unified storage solution (Tyrone Verta)



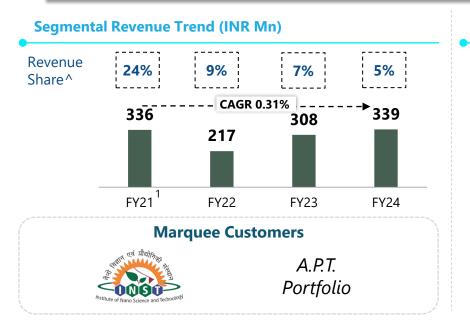
Cloud native storage (Tyrone Collectivo)



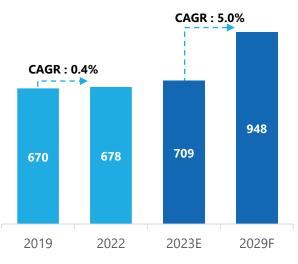
Surveillance and object storage (Tyrone Collectivo with Fluid Input Output)

#### **HPS Solutions Overview**

- Capable of being integrated into private & public cloud environments
- Salient features of HPS solutions are **no single point of failure, scalable upto Exabytes**, and **built-in high availability**
- Facilitate 10 mn IOPs<sup>#</sup> & 100 GBps (scalable upto 450GBps) throughput & designs that can be extended up to 1,000 petabytes
- Provide HPS solutions to marquee Customers including Graviton, A.P.T. Portfolio, and INST.



#### Indian Enterprise Storage Market (\$Mn)\*



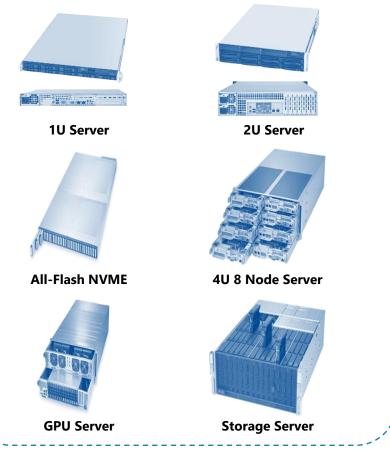
\*Source: F&S Report; Note: 1:FY21 was impacted due to COVID related disruptions; #Input/output operations per second; ^% share of revenue from operation excludes other operating revenue

## **Data Centre Server**



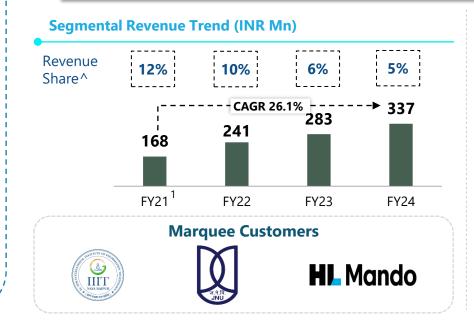
Designing and Manufacturing servers to cater to disparate customer needs from entry-level servers to high-end 'mission-critical' servers

The company's current server models are typically designed and built with the dual processor configuration that enables multiple operations simultaneously, leading to low latency & better physical space utilization.

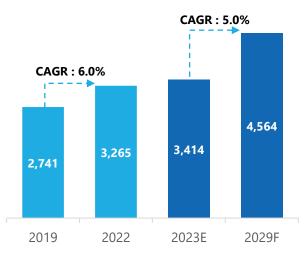


#### **Data Centre Server Overview**

- Designed and built over 200 dual-processor server models under the brand 'Tyrone Camarero"
- Improving and customizing offerings to address specific requirements such as Low Rack Space Consumption, High in-built storage capability (up to 1petabyte (10<sup>15</sup>)), High Energy Efficiency etc.
- Design and manufacture servers in compliance with the 'Make in India' policy
- Provide data center servers to marquee Customers including JNU, HL Mando, etc.



#### Indian Data Centre Server Market (\$Mn)\*



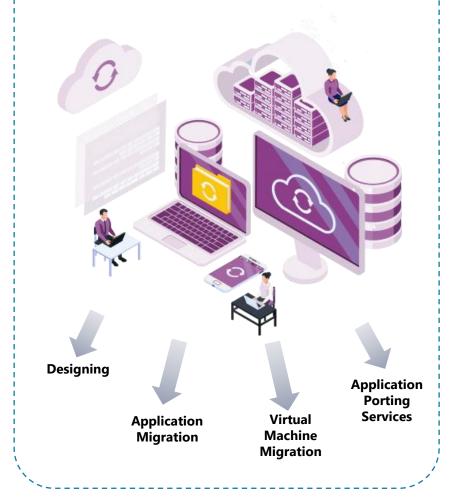
\*Source: F&S Report; Note: 1:FY21 was impacted due to COVID related disruptions; ^% share of revenue from operation excludes other operating revenue

## **Software & Service for HCS**



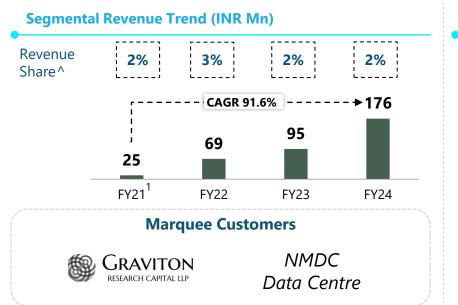
**Providing private cloud software stack – Both on-premises and off-premises** 

## The company's cloud solutions comprise deployment services which include

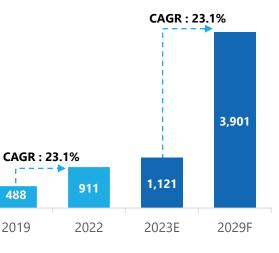


#### Software & Service for HCS Overview

- **Private cloud software stack** to handle **complex workloads** (including 5G enterprise cloud, 5G edge compute, private 5G, and enterprise IT)
- Provide 'Big Data' centric solutions that are designed to cater to data-intensive distributed applications under a single umbrella
- 'Big Data' centric solutions use **Tyrone Camarero dense systems**, **Tyrone Cluster Management Suite**, and **Tyrone Collectivo** range of specialized storage systems
- Provide software and services for HCS to marquee Customers including NMDC Data Centre and Graviton.



Indian Cloud Managed Services Market (\$Mn)\*



\*Source: F&S Report; Note: 1:FY21 was impacted due to COVID related disruptions; ^% share of revenue from operation excludes other operating revenue

## **Competitor Landscape**



One of the few players in India who offers a full stack of product and solution suite with comprehensive capabilities in designing, developing, implementing, and integrating high end computing solutions

Products and Solutions	Netweb Technologies	IBM Lenovo	DELL	Hewlett Packard Enterprise	ATOS	NVIDIA	NetApp Hitachi Data Systems	Red Hat Nutanix	Vmware Suse	HCL Cognizant	Accenture Tech Mahindra
НРС	$\checkmark$	$\checkmark$	0	$\checkmark$	$\checkmark$	Ο	0	0	0	0	0
Data Centre Server	$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$	0	0	0	0	0	0	0
Enterprise Storage Systems	$\checkmark$	0	$\checkmark$	$\checkmark$	0	Ο	$\checkmark$	0	0	0	0
Private Cloud and HCl	$\checkmark$	0	0	0	0	0	0	$\checkmark$	$\checkmark$	0	0
Al Systems & Enterprise Workstation	$\checkmark$	0	0	0	0	$\checkmark$	0	0	0	0	0
Cloud Managed Services	$\checkmark$	0	0	0	0	0	0	0	0	$\checkmark$	$\checkmark$

Source: F&S Report





1 About Netweb Technologies

## 2 Key Investment Highlights

**3** Growth Strategies



## **Key Investment Highlights**

Netweb<sup>®</sup> TECHNOLOGIES

4

5

6

India's leading Indian origin owned and controlled OEM for HCS with integrated design and manufacturing capabilities

Operates in a rapidly evolving and technologically advanced industry with high entry barriers

3

2

Significant product development and innovation through R&D

Long standing relationship with a marquee and diverse customer base

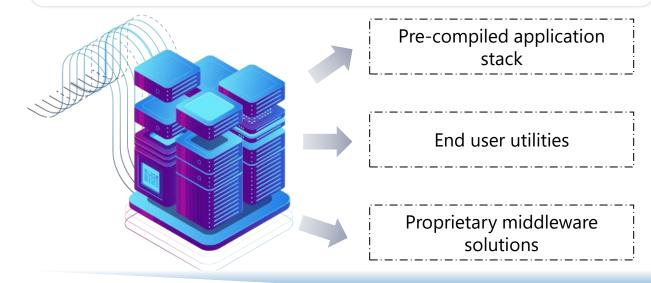
Track record of financial performance and consistent growth

Experienced Board & Senior Management Team

# 1. India's leading Indian origin owned and controlled OEM for HCS with integrated design and manufacturing capabilities (1/2)



Full stack of product and solution suite with comprehensive capabilities in designing, developing, implementing and integrating HPC solutions



Deep Expertise in System Design & Architecture



Proprietary designs are cloud native



Proprietary designs are capable of catering to the evolving needs of Customers

Providing End-to-End Solutions with Fully Integrated Design & Manufacturing Capabilities, now compliant with Make in India policy



**Design Design proprietary** hardware, middleware stack and related software solutions



#### Manufacture

Manufacturing facility capable of producing 200+ server models, 50+ workstation models & 15+ storage systems

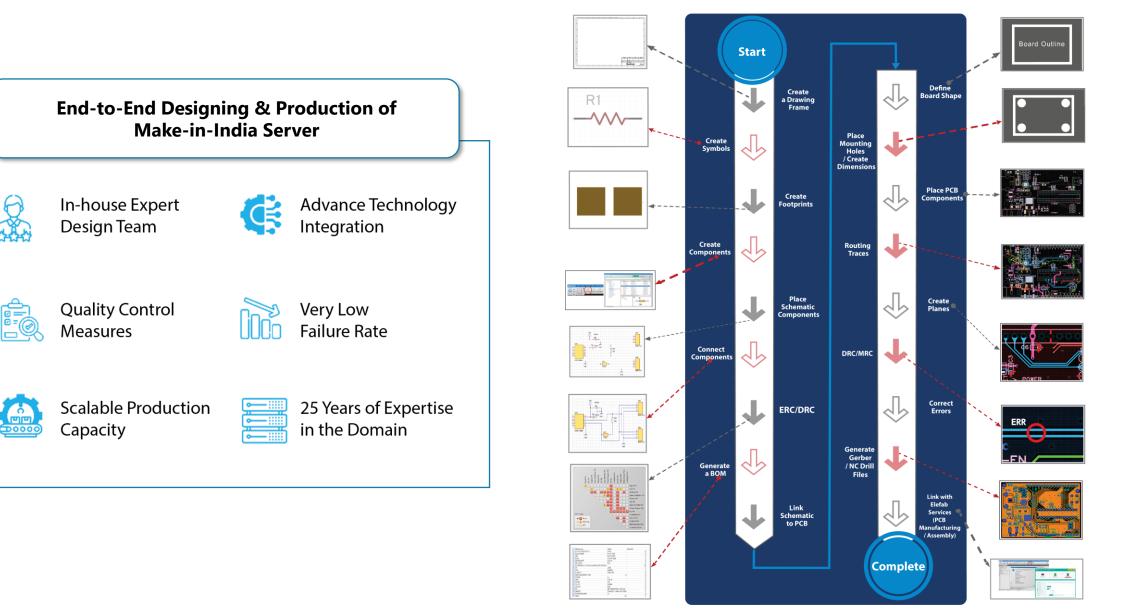


## Deployment

**Deploy** supercomputing infrastructure to meet the rising computational demands of customers

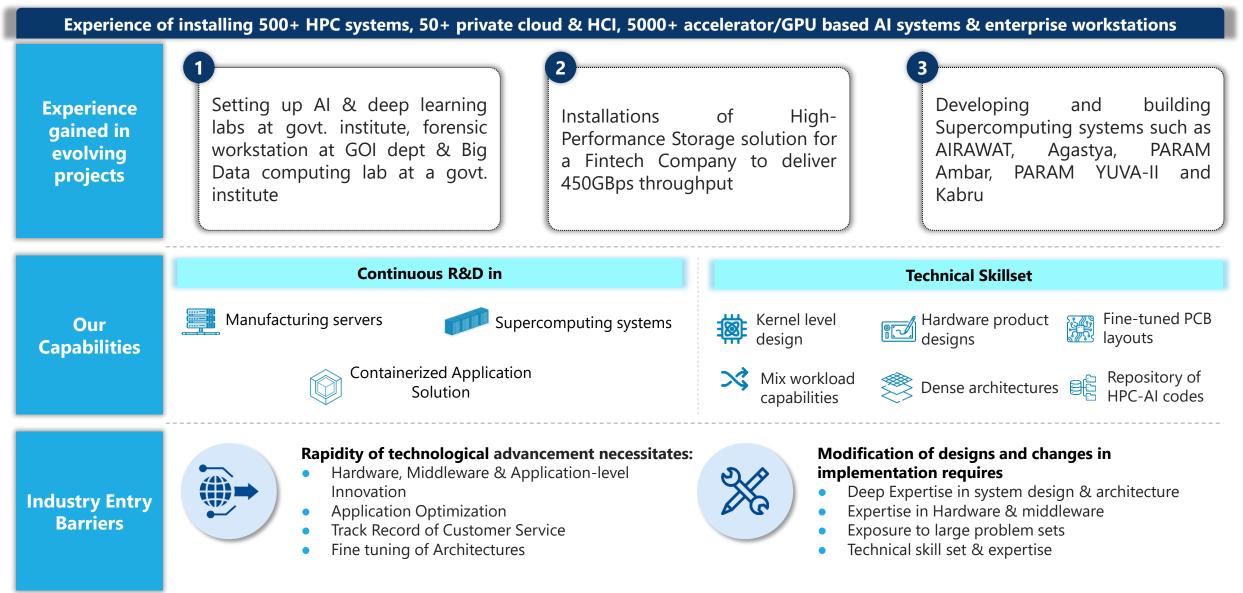
# 1. India's leading Indian origin owned and controlled OEM for HCS with integrated design and manufacturing capabilities (2/2)





# 2. Operates in a rapidly evolving and technologically advanced industry with high entry barriers

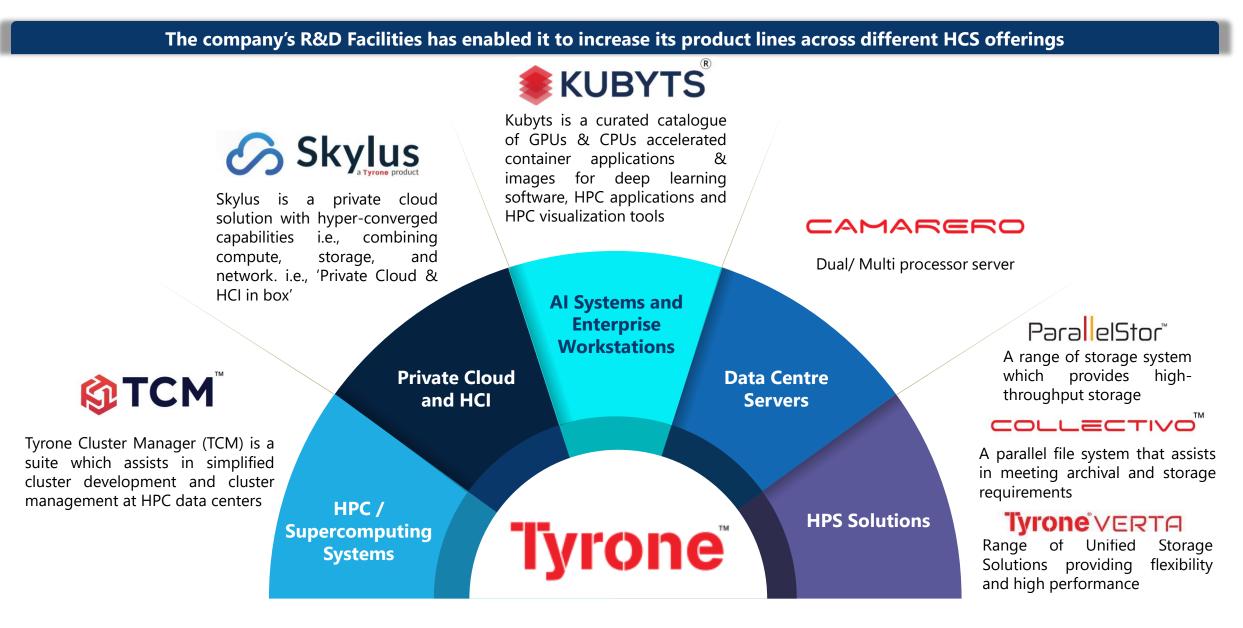




## 3. Significant product development and innovation through R&D



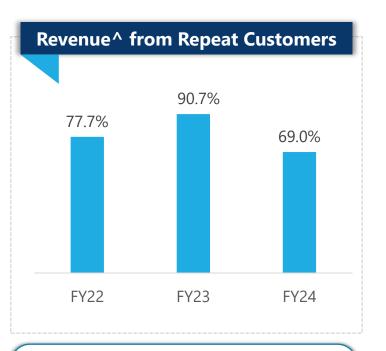
Independently design and innovate products and solutions offerings and provide services tailored to specific customer requirements



## **Quarterly Key Highlights (Cont.)**



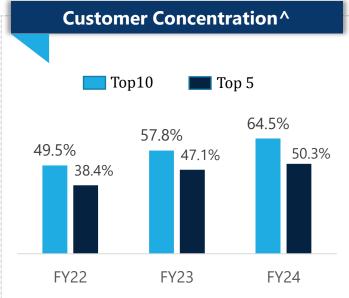




## 310

Repeat Customers (FY24) Associated for over 5.17 years using Fiscal 2016 as the base

**4.47 years** Average top 10 customer age (FY24) using Fiscal 2016 as base



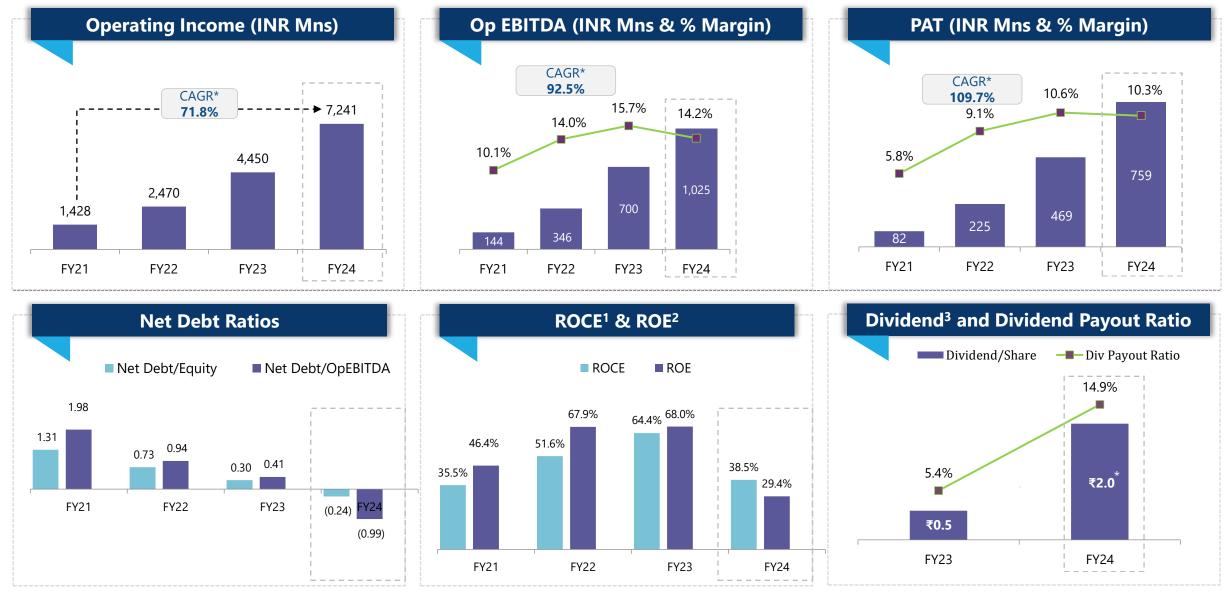
**10.57%** Customer Accretion CAGR\*

**171** New clients onboarded across diverse industries in FY24

Note: \*CAGR FY20 -FY24,; ^As a % of revenue from operations excludes other operating revenue

## 5. Track record of financial performance and consistent growth





Note: 1 Earnings before interest and taxes expenses (EBIT) for the period/year divided by average capital employed

<sup>2</sup> Profit for the period/year divided by average Equity; \*: CAGR for period FY21-FY24; 2/ Dividend per share in Rupees; \* Proposed dividend subject to shareholders' approval.

## 6. Experienced Board and Senior Management Team (1/2)



#### **Board of Directors**



#### **Sanjay Lodha**

#### Chairman and Managing Director

- Founded Netweb Technologies in 1996 which was acquired by our Company in August 2016
- Been on Board of Advisors for Intel for the year 2020 and 2022
- BA (hons) in economics & PG diploma in business management



## Whole Time Director

Navin Lodha

- Leads West Zone of company's sales and Marketing Dept
- 15 + years of experience in sales and marketing
- Holds bachelors degree in commerce



#### Vivek Lodha

#### Whole Time Director

- Leads East Zone of company's sales and Marketing Dept
- 15 + years of experience in sales and marketing
- Holds bachelors degree in commerce



#### Niraj Lodha Whole Time Director

- Leads South Zone of company's sales and Marketing Dept
- 15 + years of experience in sales and marketing
- Holds bachelors degree in commerce



#### **Mrutyunjay Mahapatra**

- **Independent Director**
- Has served as Deputy MD at SBI & MD and CEO of Syndicate Bank
- 40+ years of experience in Banking and Finance Sector
- Holds Bachelors and Masters Degree in Physics



#### **Jasjeet Singh Bagla**

#### **Independent Director**

- Presently associated with IISER, Mohali
- 23+ years of experience in Research and Academia
- Holds Bachelors and Masters Degree in Science, PhD in Physics



#### **Romi Jatta**

#### Independent Director.

- Presently Group Chief Procurement Officer at Minda **Corporation Ltd**
- 20+ years of Experience
- Holds Bachelors degree in Electronics Engineering

#### Vikas Modi

#### **Independent Director**

- Partner in Doogar and Associates, a CA firm Since 2006
- Holds a Bachelors Degree in commerce , CA with membership from ICAI









## 6. Experienced Board and Senior Management Team (2/2)



Senior Management – led by people with significant experience in HCS Industry



#### Hemant Agarwal Chief Operating Officer

- 20+ years of experience with the company
- Holds a bachelors' degree in commerce from the University of Calcutta



**Other Key Management Personnel** 

#### Chief Financial Officer and Chief Human Resource Officer

- 24+ years of experience in Accountancy and Finance
- Holds a bachelors degree in commerce and is a chartered accountant



#### Hirdey Vikram Chief Sales and Marketing Officer

- 11+ years of Experience with the company
- Previously associated with HCL Infosystems Limited
- Holds a B.Tech (Information Technology)



#### Lohit Chhabra

#### **Company Secretary and Compliance Officer**

- 8+ years of experience in secretarial compliance
- Holds a Bachelors degree in commerce and also holds a certificate of membership from the Institute of Company Secretaries of India



#### **Mukesh Golla**

#### Chief Research and Development Officer

- 19+ years of Experience with the company
- Holds a B.Tech (Computer Science and Engineering)





1 About Netweb Technologies

2 Key Investment Highlights

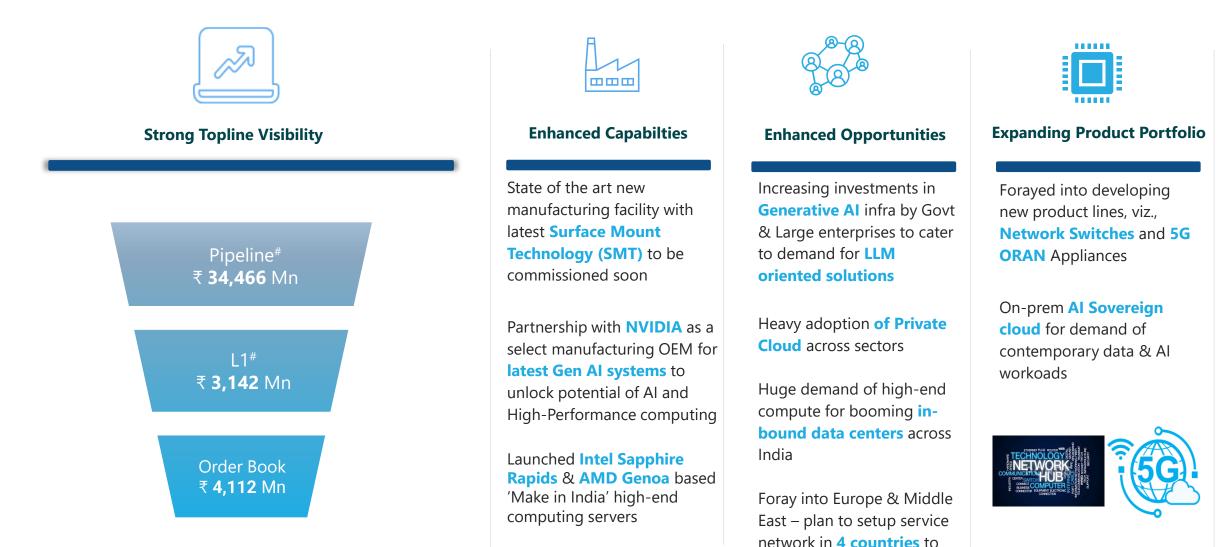
3 Growth Strategies

4 Annexures

## **Growth Drivers**

**Opportunities to realize sustainable growth of the business** 





start with

# Pipeline excludes L1, L1 excludes Order Book, all figures are as on 31.03.24

# **Thank You**

## Netweb<sup>®</sup> TECHNOLOGIES

#### Chief Financial Officer Prawal Jain Email: <u>prawal.jain@netwebindia.com</u>



Investor Relations Advisor Sanjeev Sancheti Email: <u>ir@uirtus.in</u> Website: <u>www.uirtus.in</u>













Growth Strategies



## **Annexure - Key Industry Drivers**

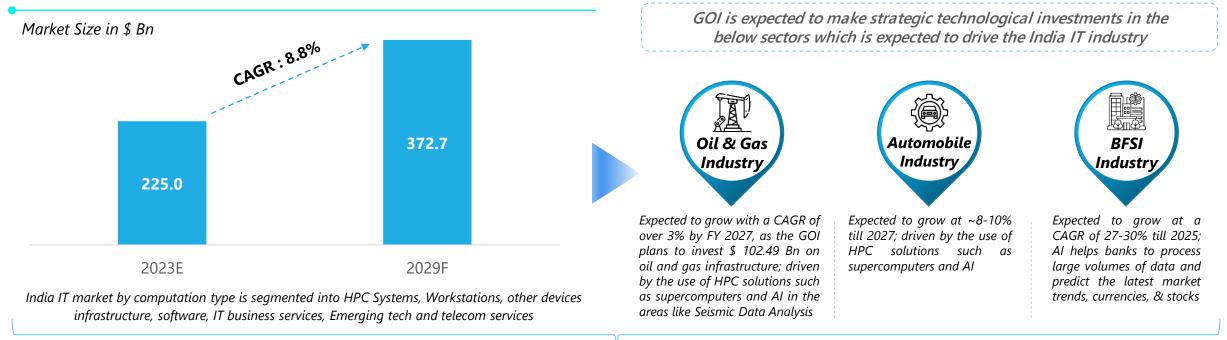


## **Growth in the Indian IT Industry**



Upgrade to 5G, "Make in India" and PLI Schemes are some of the elements that will contribute to the expansion of Indian IT industry

#### **Indian IT Market**





Factors driving IT manufacturing in India

#### 'Make in India' Initiative

'Atmanirbhar Bharat Abhiyan' (Self-reliant India) – To **boost local manufacturing** of mobile phones and electronic components & to **make India a global manufacturing hub** 



## Production Linked Incentive scheme

Scheme of **₹ 121,950 Mn** over 5 years<sup>1</sup> – Incentivise companies who will **manufacture specified telecom and networking products** – Enterprise Equipment such as Switch & Router

## Upgrading network to 5G technology

**5G**)) Indian telecoms are looking at **Open RAN as a potential way to reduce network-related expenses** and customize. Open RAN reduces reliance on existing providers

#### China + 1 Strategy

Tech companies are slowly **shifting production away from China** - In response to growing concerns about the geopolitical tensions & pandemic-induced supply chain disruptions in the last few years

#### Increasing adoption of AI

Increasing usage of AI in various industries like telecommunication, BFSI, automobile, oil & gas result in the expansion of Indian IT industry

## **HPC and Private Cloud & HCI Market**



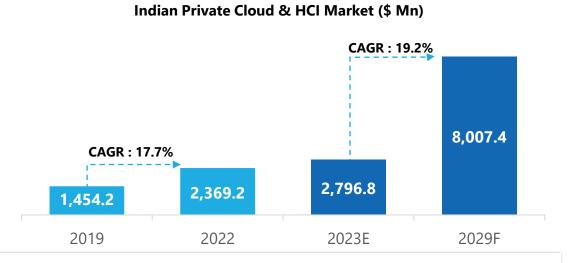
# Indian HPC Market (\$ Mn) CAGR : 9.3% GAGR : 9.3% 918.6 377.5 492.9 2019 2022 2023E 2029F

#### **High-Performance Computing Market (HPC)**

#### **Mey Growth Drivers of HPC Market**

- NSM was announced in 2015, to connect national academic and R&D institutions with a grid of more than **70 high-performance computing facilities.**
- Only 16.67% of the total budget of ₹4,500 is utilized in 4.5 years for execution of NSM
- In Nov 2022, **EU & India signed** an "Intent of cooperation on High Performance computing and Quantum Technologies"
- Increasing cloud-based monitoring will drive adoption of HPC
- Increased usage of HPC products and services to drug discovery and healthcare; and Increasing investments in the Industrial Internet of Things (IIoT), artificial intelligence (AI), and engineering, which demand electronic design automation (EDA)

#### Private Cloud and Hyperconverged Infrastructure (HCI) Market

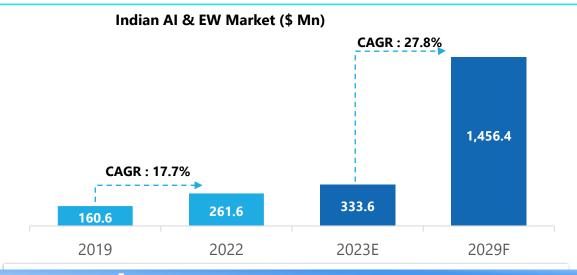


#### Key Growth Drivers of Private Cloud & HCI Market

- **Drop in usage of traditional data centre infrastructure**, from 41% to 18% in two years as cloud usage accelerates
- Private clouds **offer the same control and security** as traditional on-premises infrastructure and makes workload performance predictable
- **Military expects small deployable** communications systems that allows them to take their applications and data into the war field so that they can access them locally.
- HCI and private cloud **will witness greater adoption in the India Telecom sector** with increasing investment in 5G.
- Unified management, and Automation Unified management promises to reduce the number of tools needed to run IT infrastructure and cuts training requirements, makes HCI easier to scale

## Al Systems & Enterprise Workstations and Data Centre Server Market

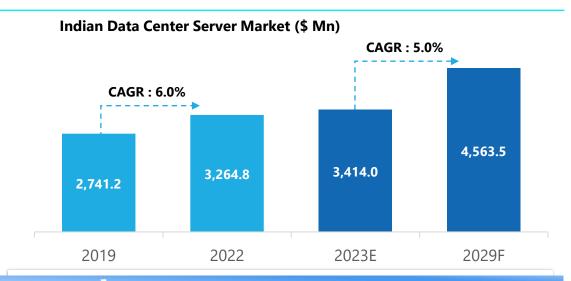
#### Al systems and Enterprise Workstations (Al & EW)



#### Key Growth Drivers of AI & EW Market

- GOI in the budget for Fiscal 2024 has announced that "for realizing the vision of "Make AI in India and Make AI work for India", three centres of excellence for Artificial Intelligence will be set-up in top educational institutions
- **Growing demand of GPUs** in high-end gaming consoles & crypto currency mining market
- Increase in 3D animation, networking and graphics & digital content creation
- Aids in enhancing government payment schemes
- GPU is an integral part of the AI & EW in govt supercomputers
- **BFSI industry generates a lot of data** that needs to be processed and examined with the use of AI & EW.

#### Data Centre Server



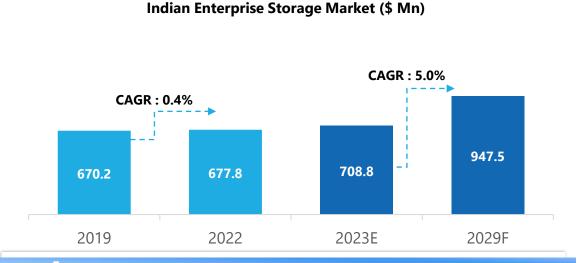
#### Key Growth Drivers of Data Center Server

- Indian Data Centers to **receive investments up to Rs.1.20 lakh crore,** according to an article from the Economic Times 2022 and a whitepaper from ICRA
- Push for **data localization to ensure 75%** of the data remains within the country
- **The Data Protection Bill**, may lead to a significant onshoring of Indian citizen's data from offshore data centers to Indian data centers.
- China plus one Strategy and Make in India Initiatives of GOI promoting growth

## **Enterprise Storage and Cloud Managed Services Market**



#### **Enterprise Storage System**

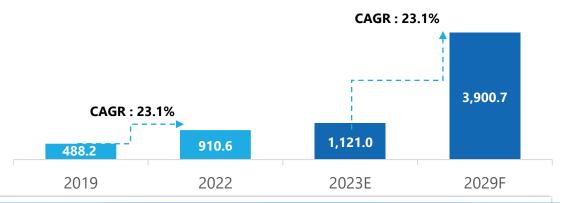


#### Key Growth Drivers of Enterprise Storage Systems Market

- **Rising number of colocation** data centers & increasing unstructured data generated from mobile computing devices
- **Primary workloads for storage deployments in India** that drove the market growth included technology upgrades, ERP upgrades, surveillance, digital transformation & 5G rollouts
- Enterprise storage **has emerged as the most popular** and effective way to store digital data particularly for small and medium-sized businesses.
- The use of SSDs (Solid State Drives) over HDDs (Hard Disk Drives) has grown in popularity across industries due primarily to their superior performance, increased durability, and cost-effective power efficiency

#### **Cloud Managed Services**

Indian Cloud Managed Services (CMS) Market (\$ Mn)



#### Key Growth Drivers of Cloud Managed Services Market

- **Rising demand for cloud managed services** for business continuity, increase in need for business agility and automation
- Faster and easier deployment of applications with pay-as-you-go model
- Increasing adoption of automated machine systems for e-prescriptions and telemedicine.
- Biotech & pharmaceutical companies are **adopting digital solutions** to optimize drug development process
- National Government Cloud programme known as "MeghRaj" was unveiled by the MeitY in 2020