About us

Netweb is one of India’s leading high-end computing solutions (HCS) provider, with fully integrated design and manufacturing capabilities. Our HCS offering comprises HPC, Private cloud and (HCl), AI systems and enterprise workstations, High performance storage (HPS) and Data Centre Servers.

LEADING-EDGE TECHNOLOGY
We offer a full stack of product and solution suite with comprehensive capabilities in designing, developing, implementing and integrating high performance computing solutions. Our deep expertise in system design and architecture, has helped us innovate and build bespoke solutions. Our proprietary designs are cloud native which, in addition to technological benefits, are capable of catering to the evolving needs of customers. We cater to marquee customers across various end-user industries such as IT, ITES, BFSI, National Data Centers and Govt. entities such as Defence, Education and Research and Development Institutions.

RESEARCH AND DEVELOPMENT
Our R&D team’s in-depth understanding of high-end computing solutions, their ability to meet the advanced technological challenges and their constant efforts at innovation, coupled with experience in working on innovative products in India, enable us to stay at the forefront of technological evolution and anticipate and envision the future needs of our customers and the market.

TECHNICAL CAPABILITIES
Our technical capabilities are reflected in our bouquet of HCS offerings. We are focused on developing refined, customised computing systems to address the high-end computational requirements of our customers. Through our technical innovation and design capabilities we offer a full stack of product and solution suite from design and assembly of printed circuit boards to manufacture of complete electronic systems.

Let’s explore the possibilities.
Our Company At a Glance

- **Over 1900 Customers**
- **Over 300 Successful HPC Installations**
- **Deployed over 4000 GPU Based Systems**
- **50+ Private Cloud & HCI Installations**
- **Deployed one of the India’s fastest & largest HYBRID SUPERCOMPUTER**

- **15 Offices across India**
- **Over 300 Successful HPC Installations**
- **Deployed over 4000 GPU Based Systems**
- **50+ Private Cloud & HCI Installations**
- **Deployed one of the India’s fastest & largest HYBRID SUPERCOMPUTER**

**Deployed Big Data deployments in Telecom, ISP, Consulting & Education Sectors**

- **Deployed Telecom Cloud Solutions**
- **Wide range of AI Systems and Workstation models**
  - To make better business decision powered by insights from data

- **"Make In India" Compliant**
- **Over 250 Employees**
- **Associated with Prominent Clusters in the Region**

**3 R&D Centers in India**
- Faridabad, Hyderabad, Gurgaon
Solutions Portfolio

High Performance Computing Systems

Private Cloud HCI

High Performance Storage

Data Center Server

AI Systems & Enterprise workstation

Unified Storage
Unified Block
Archival & Surveillance
Parallel file System

Make your HPC Clusters Reliable, Agile, And Responsive

Set up a Private Cloud Quickly and Accelerate your Cloud First Strategy

Reimagine your Data center strategies for running modern workload

Accelerate your Enterprise efficiency with Tyrone AI System & Enterprise workstation
More than 20 years of Innovation

We’ve been at the forefront of cutting-edge innovation. It’s been an exciting journey full of pioneering developments and several firsts in the industries. We continue to introduce revolutionary technologies to meet the growing demands of our fast-changing world.

2005
Netweb launched the Tyrone brand of products & solutions

2004
Deployed KABRU, at IMSC Chennai, that ranked in the World’s top 500 supercomputers

2013
Deployed PARAM YUVA II at C-DAC, Pune, ranked 70th most powerful supercomputer in the world

2017
Deployed servers as a part of surveillance project at 204 locations across 23 states for a public sector undertaking

2019
Deployed ‘PARAM AMBAR’, which was India’s 4th fastest supercomputer at the time of commissioning, at ISRO

2021
Qualified for ‘Production Linked Incentive’ scheme of the Govt. of India for IT Hardware

2021
Deploys 5G cloud for large international Telco

2022
2022
Qualified for ‘Production Linked Incentive’ scheme of the Govt. of India to promote telecom and networking products manufacturing in India.

2022
Launched Kubyts – container platform that enables rapid deployment of AI & HPC

2023
Forayed into developing new product lines, viz., Network Switches and 5G ORAN Appliances.

2023
Deployed AIRAWAT which is India’s largest and fastest AI Supercomputing system.

1999
Netweb is founded

2005
Netweb launched the Tyrone brand of products & solutions
Supercomputing Testing Facilities

Specialised Supercomputing testing facility for quality assurance of our Supercomputing systems and constant reduction of customer lead and delivery times.

Our HPC Data Center & research and development labs where our engineers design, develop, and prototype our innovations.

- Netweb Testing Lab
- Data Center Lab
- Internal Quality Control facility
- Machine Programming Lab
- R&D Lab
- Integration Site
Our Expertise as an HPC Integrator

- Fully integrated design and manufacturing capabilities
- We design, manufacture and deploy our HCS comprising proprietary middleware solutions, end user utilities and pre-compiled application stack
- Our Supercomputing systems are bespoke, and tailored with specialised hardware designs and architecture and cater to varied customer specifications
- Our Supercomputing systems use our ‘Tyrone’ cluster management suite which is an integrated set of software components that can be deployed in a variety of configurations
- Deployed diverse Supercomputing systems ranging from 10 nodes to 400 nodes. Our Supercomputing systems are scalable up to 1,000 nodes
- Deployed PARAM YUVA-II, which is one of the India’s fastest and largest hybrid supercomputer as on date
- Deployed Over 300 Supercomputing systems & over 4,000 accelerator / GPU based AI systems and enterprise workstations
- Collaboration with various technology partners, such Intel, AMD, Nvidia, Samsung and Seagate to design and innovate products and provide services tailored to specific customer requirements
- Deployed AIRAWAT, India’s largest and fastest AI supercomputing system. Ranked 75th in the world and has been included in the 61st edition of Top 500 Global Supercomputing List released in June 2023
End-to-End HPC Solutions

Our HPC Services

Proposing Hardware
Designing HPC Architecture
Application Level Support
Post Cluster Installation Services

HPC Offerings

- HPC Clusters
- HPC on Cloud
- Lustre Appliance
- Accelerator based computing

Entry to High End

Full Scale Server Solution

- X86, Mission Critical Blade server
- Fat Twin Servers
- Management & Landing servers
- Low latency Serves

MANAGEMENT TOOLS

- Tyrone Cluster Manager
- Open source software
- Machine libraries

STORAGE FOR HPC

- Parallel File Systems
- Unified Storage
- HCI Virtualized & Cloud

SYSTEM INTERCONNECT

- Omnipath
- InfiniBand
- Software Defined Networking (SDN)

GPU SOLUTIONS FOR HPC

- Upto 10 GPUs in 1U, 2U and 4U
- Higher performance
- Reduce rack space
- Lower power consumption
- NVIDIA® DGX™ SYSTEMS

Our HPC Solutions Accelerate Transformation Across Industries

- Education & Research
- Life Sciences, Health
- Oil & Gas, Energy
- Financial Services
- Climate Research
- Media & Entertainment
Tyrone Cluster Management (TCM)
Build & Manager HPC clusters with absolute ease

» **Deploy easily**: Easily turn a pile of hardware into a fully functional cluster in under an hour
» **GUI web based Cluster Manager**: Manage your infrastructure through one intuitive single pane of glass
» **Deep health checking capabilities**: Insightful metrics
» **Optimize cluster usage**: Easily move and allocate apps as demand for resource change
» **Provision OS on physical or Virtual Machine**
» **Support** multi environment clusters by using different server architectures
» **GCC Applications**: Option to compile over 50 GCC applications with web Interface
» **Quick configuration of management node services**
» **Remotely Manage systems | Support & Maintenance**
» **Infini Band Support | High Availability | Cloud Builder**
Cloud Solutions

- **On-premise Cloud Assessment**
  - Cloud Adoption feasibility
  - Transformation Roadmap
  - Technology Selection

- **Cloud Design Consultancy**
  - Design End to End Private or Hybrid Cloud
  - Deployment Architecture

- **Private/Hybrid Cloud Build**
  - Deploy On-premise Cloud Ready Infrastructure
  - Configure Cloud Services

- **Cloud Transformation**
  - Migrate current environment to Cloud Delivery Model
  - Create containerized infrastructure for existing platform

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**IaaS, PaaS & Hybrid Cloud Service**

**Cloud Partner Technology Platform**

**Virtualized Datacenter Infrastructure**

**Tyrone Cloud Suite (cloud management)**

- Server
- Storage
- HCI
- Cloud Suite
- Kubernetes Platform
- Cloud in a box
- Container optimized cloud
Our Engineered Solutions

**Tyrone container platform**
Multi-Cloud, Bare Pure Upstream Kubernetes
Automates the time-consuming tasks involved in managing containers from deployment and management to scheduling and scaling.

**KUBYTS**
Container Optimized Cloud
A curated catalog of GPU & CPU accelerated container applications and images for deep learning (DL) software, HPC applications, and HPC visualization tools.

**Skylus**
HCI Cloud-in-a-box
All-in-one HCI solution to reduce the complexity of managing, administrating, and migrating your complex workloads into the cloud.

**TCM**
A complete management suite that lets you deploy complete HPC clusters and manage them effectively. Designed to make your clusters agile, reliable, and responsive to individual needs across industries and applications.
Innovation, Research & Development

At Netweb we believe that innovation is a critical business need. As data analytics, high-performance computing and artificial intelligence continue to evolve, we are building solutions to help you keep pace with the constantly evolving landscape.
Our Services

HPC PLANNING & CONSULTING SERVICES

AI LABS

BACK-UP & DISASTER RECOVERY

VM | CONTAINERS | CLOUD MIGRATION & INTEGRATION

DATA CENTER SERVICES
### Awards & Recognition

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<tr>
<th>Fiscal</th>
<th>Particulars</th>
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<tr>
<td>2017</td>
<td>Partner Performance Award - Data Center Group at the Intel Solutions Summit 2017 MACAU</td>
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<tr>
<td>2017</td>
<td>Intel Technology Provider Platinum 2017 Retailer Specialist</td>
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<td>2020</td>
<td>Seagate Certificate for Appreciation - In Recognition for a record of outstanding Accomplishments</td>
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<td>2019</td>
<td>Partner of the Year- Data Center Group at the Intel Partner Connect Asia 2019</td>
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<td>2020</td>
<td>In recognition of outstanding contribution towards growing AMD EPYC Business H1 for FY20.</td>
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<td>2021</td>
<td>Top Software Tools Bundled with IA Partner of the Year 2021 at the Intel Software India Partner Summit, 2021</td>
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<tr>
<td>2021</td>
<td>Partner of the Year 2021, System Integrator by Segate Ignite</td>
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<td>2021</td>
<td>Outstanding Contribution in Promotion of electronics and manufacturing of servers - Ministry of Electronics and Information Technology, Government of India, Celebration of Azadi ka Amrit Mahotsav</td>
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<td>2022</td>
<td>MAIT – India’s Apex Industry body empowering IT, Telecom and Electronics and Hardware for outstanding leadership and guidance to the Electronics Industry of India</td>
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Our Brands

- Tyrone
- Skylus
- Kubyts
- TCM
- Collectivo
- ParallelStor
- Tyrone Verta
- Camarero