

NPOD INFRA PVT LTD

npod.io

COMPANY PORTFOLIO 2025

Smarter Data Infrastructure

Modular · Scalable · Built for India

Next-generation Micro Data Centers — Deployed in Days, Not Months

■ OVERVIEW

Company at a Glance

2022 Founded	Noida, UP Headquarters	Days Deployment Time	9+ Certifications
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Legal Name	Npod Infra Pvt Ltd
Brand	Npod (npod.io)
Industry	Data Infrastructure / Micro Data Centers
Founded	2022
Headquarters	Noida, Uttar Pradesh, India
Leadership	Sameer Yadav — Founder & CTO
Website	www.npod.io
Core Product	Modular Micro Data Center (MDC)

Npod Infra Pvt Ltd was founded with one simple idea — building data infrastructure should not be slow, complicated, or expensive. Every business today depends on fast and reliable IT systems, yet traditional data centers take months to build, involve too many vendors, and cost a fortune. Npod removes these barriers with an integrated, ready-to-deploy **Micro Data Center** that fits any business environment.

■ Our Mission

To democratise enterprise-grade data infrastructure for businesses of all sizes — delivering secure, efficient, and scalable IT environments without the traditional complexity or cost.

■ PRODUCTS

What We Build

The **Npod Micro Data Center** is a factory-assembled, all-in-one IT enclosure that combines compute, cooling, power protection, and physical security in a single compact unit. It is engineered for rapid deployment at any location — on-premise, at the edge, or in remote branches.

Edge Computing

Low-latency processing at the network edge — ideal for retail, manufacturing, and smart-city applications.

AI & GPU Workloads

Thermally optimised enclosures capable of handling GPU-dense AI inference and training clusters.

Surveillance Storage

Dedicated high-density storage nodes for CCTV and video analytics workloads.

Remote Branch IT

Self-contained infrastructure for branch offices, banks, and government sites without a dedicated server room.

Capacity Expansion

Modular add-on units that bolt onto existing infrastructure — scale in increments without downtime.

Disaster Recovery

Rapid secondary-site deployment to ensure business continuity in minutes, not months.

■ WHY NPOD

Our Competitive Edge

Traditional data centers require long construction timelines, large capital investments, and dedicated facilities teams. Npod fundamentally changes this equation.

Feature	Traditional Data Center	Npod Micro DC
Deployment Time	6 – 18 months	Days to 2 weeks
Capital Investment	Very High (■ Crores)	Significantly Lower
Scalability	Difficult — large CAPEX	Modular — add units as needed
Cooling Efficiency	Central CRAC units	Precision in-unit cooling
Monitoring & Security	Requires additional tools	Built-in IoT monitoring
Space Requirement	Dedicated room / building	Any floor space
Vendor Dependency	Multiple vendors	Single integrated solution

Problems Npod Solves:

- ✓ Eliminates long construction and setup time
- ✓ Dramatically reduces electricity and cooling costs
- ✓ Solves power instability with integrated UPS systems
- ✓ Provides real-time monitoring and physical security out of the box
- ✓ Removes space restrictions — fits in any room or corridor
- ✓ Enables incremental, budget-friendly capacity growth

■ MANUFACTURING

Built With Precision

Every Npod unit is designed and assembled at our **state-of-the-art manufacturing facility** in India. Our factory follows rigorous quality standards throughout the production process — from component selection and mechanical assembly to electrical testing, thermal validation, and final quality audit.

■ In-House Assembly

Complete vertical integration — mechanical, electrical, and software assembled under one roof.

■ Thermal Validation

Every unit undergoes full thermal stress testing before dispatch to ensure reliable operation under peak load.

■ Electrical Safety

High-voltage and short-circuit protection validated per IEC 60950 standards.

■ Environmental Testing

Units tested for humidity, vibration, and temperature extremes relevant to Indian climatic conditions.

■ Final QA Audit

Multi-point checklist sign-off by senior QA engineers prior to shipment.

Our Certifications

Npod products carry internationally recognised certifications, demonstrating our commitment to safety, sustainability, and quality management:

CE (25112007)	IEC 60950	ISO 9001	ISO 14001
ISO 14064	ISO 27001	ISO 45001	ISO 50001
RoHS (25112008)			

■ USE CASES

Who Uses Npod

Npod is purpose-built for organisations that need reliable IT infrastructure quickly and cost-effectively — from startups to large enterprises across sectors.

■ BFSI

Banks, NBFCs, and insurance companies use Npod for branch IT consolidation, core banking DR sites, and ATM back-end infrastructure.

■ Manufacturing

Factory floors need edge computing for PLCs, SCADA, and MES systems. Npod delivers ruggedised, space-efficient infrastructure beside the production line.

■ Healthcare

Hospitals and diagnostic chains deploy Npod for PACS storage, EMR systems, and CCTV surveillance — all in a compact, secure enclosure.

■ Government & PSUs

District offices, smart-city projects, and government data projects benefit from rapid deployment without lengthy tendering for civil construction.

■ Education

Universities and schools running digital learning platforms, exams, and administrative systems deploy Npod as an on-premise alternative to cloud.

■ Retail & Hospitality

Chains with multiple outlets use Npod for in-store POS servers, loyalty platforms, video analytics, and inventory management.

■ Telecom & ISPs

Edge PoPs, small cell back-haul, and regional NOCs deploy Npod for compact, reliable compute at distribution points.

■ Cybersecurity

Air-gapped on-premises deployments for organisations with data sovereignty requirements or strict compliance mandates.

■ LEADERSHIP

The Founder

Sameer Yadav

Founder & CTO

Sameer Yadav started Npod Infra Pvt Ltd with a clear goal — to make data infrastructure easier, faster, and more reliable for businesses across India. As Founder & CTO, he brings hands-on expertise in cloud architecture, data center design, and core IT systems.

His practical, problem-first approach drives every Npod product decision — from compact form factors that fit real-world spaces to cooling systems optimised for Indian power realities. Under his leadership, Npod has grown from a concept into a full-scale manufacturing operation with a growing national customer base.

Key focus areas:

- ✓ Data Center Architecture & Design
- ✓ Cloud & Hybrid Infrastructure
- ✓ IoT-based Infrastructure Monitoring
- ✓ Product Engineering & Innovation

"Technology should make life easier — not harder. That's the single principle behind every decision we make at Npod."

— Sameer Yadav, Founder & CTO

■ PARTNERSHIP

Our Commitment to You

At Npod Infra Pvt Ltd, we believe in long-term partnerships — not just product sales. We work with you at every stage of the journey.

■ Pre-Sales Consulting

We understand your infrastructure requirements in depth before recommending a solution.

■ Site Assessment

On-site or remote evaluation to ensure the Npod unit fits your physical and power environment.

■ Installation Support

Our engineers oversee commissioning and cable management to ensure zero-defect go-live.

■ Monitoring Setup

Remote DCIM and IoT monitoring configured from day one so your team has full visibility.

■ Ongoing AMC

Annual maintenance contracts with defined SLAs and on-site response commitments.

■ Capacity Planning

As your business grows, we help you plan modular additions without disruptive migrations.

Get In Touch

■ Website

www.npod.io

■ Email

info@npod.io

■ Location

Noida, Uttar Pradesh, India