

sify

Architecting the Sovereign AI Foundation for Manufacturing

Build. Run. Govern.
AI at scale.



India's Manufacturing Sector is Being Reimagined Digitally, at Scale, Right Now

India's manufacturing sector is at a defining moment. From electronics to pharmaceuticals, auto to FMCG, every segment is expanding, and the manufacturers that modernize now will set the pace for the decade ahead.

Four Market Pillars

Growth

Government targets 25% of GDP from manufacturing by 2035

Competition

Manufacturing FDI up 18% to USD 19 billion in FY25

Customer

Buyers expect faster delivery, more variants and full traceability

Cost

Data driven factories run leaner on energy, materials and downtime

143 Million

Jobs targeted under the National Manufacturing Mission

USD 4.89 Billion

India's AI in manufacturing market by 2030, growing 41.5% a year

Up to 2,786

Cyberattacks a week on Indian manufacturers in 2025

Source: PIB, National Manufacturing Mission, MarketsandMarkets, Check Point (2025)

Moving towards Industry 5.0

Most Indian manufacturers are somewhere between 4.0 and 5.0. The infrastructure decisions made today will determine who gets there first.

Industry 3.0, Automate and Standardize

Machines and ERP replace manual work

Industry 4.0, Connect and Optimize

Plants linked to cloud, data and supply chains

Industry 5.0, Resilient. Sustainable. Human Centric.

AI working alongside people, sustainable by design

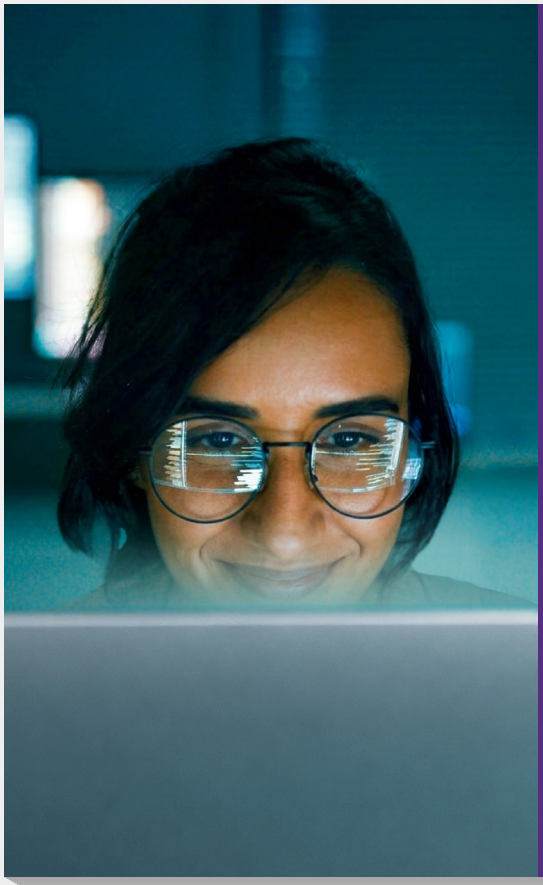
How a Manufacturer Operates Today

		Where products meet customers	
Front Office	Dealer and distributor network management	Orders, delivery and after sales service	Digital commerce and AI demand forecasting
		Where products are made	
Middle Office	Shop floor machines and production lines	Quality, scheduling and supply chain	OT, SCADA and plant connectivity
		Where the business runs	
Back Office	ERP, finance and business intelligence	Procurement, compliance and ESG reporting	IT infrastructure, cybersecurity and data

How Sify Can Help, Build. Run. Govern.

One sovereign AI foundation for every plant, warehouse, and enterprise system.

- Networks
- Data Centers
- AI Cloud
- Managed Services
- Cybersecurity



BUILD

Create Resilient AI Platforms for Manufacturing

Modernize plants and bring AI online without rebuilding what already runs.

- **Every plant, one fabric**
  Low latency connectivity with SD-WAN and SASE, linking machines, plants and cloud
- **AI on the shop floor**
  Edge DCs and Sovereign AI Box run models inside the plant, with colocation ready as new plants come online
- **Build and deploy agents faster**
  CloudInfinit^{+AI}, dedicated GPU tenancy, and InfinitAIZEN blueprints for quality, demand and supply chain



RUN

Operate AI Across Every Plant and Supply Chain

Every plant, every shift, always on, without adding headcount.

- **Plants that keep running**
  InfinitAIZEN's Agentic Operations, self healing across OT, IT and plant networks
- **New plants live on day one**
  Standardized network, security and operations templates for every new site
- **One control plane, everywhere**
  Hybrid Operations across plants, SAP and core systems, private and public clouds

Up to 80% faster time to value | 5x development productivity

Up to 40% cost savings



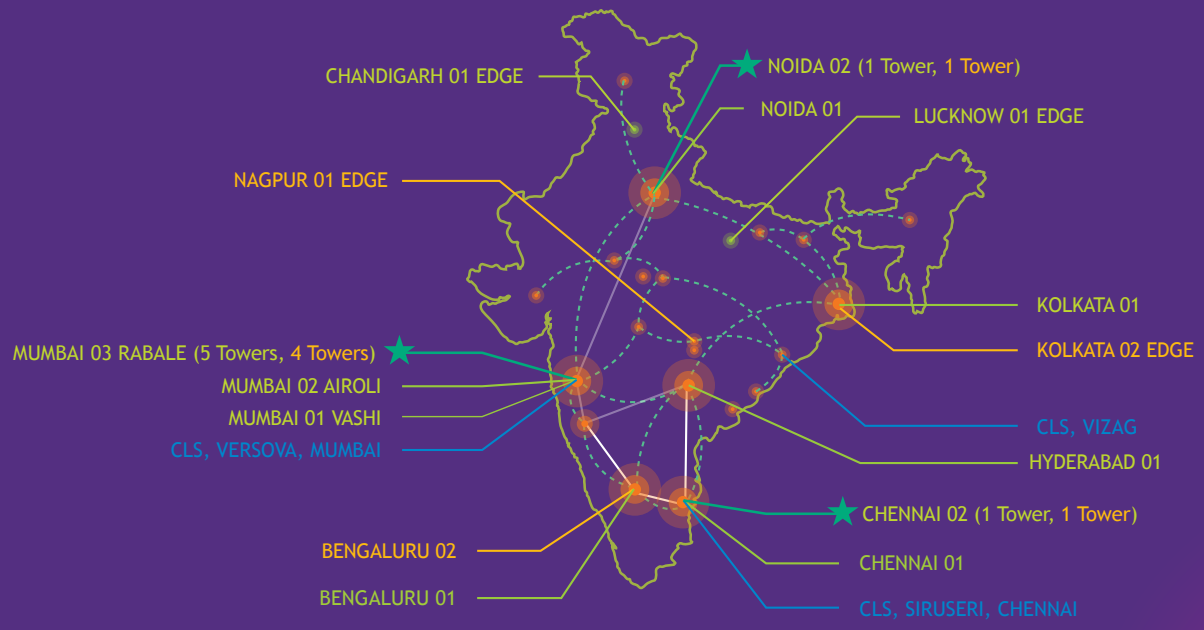
GOVERN

Secure and Govern Enterprise AI, Responsibly

Every plant, every system, every partner, secured by design.

- **The Trusted Core**
  Every identity verified before access to plant and enterprise systems, DPDPA ready, production data kept in India
- **The Connected Frontier**
  One defense across shop floor, SCADA, ERP, cloud and supplier access
- **Adaptive Resilience**
  A modernized SOC that isolates threats before they reach the shop floor
- **Security for AI**
  Guardrails on the models that inspect quality and forecast demand, with runtime protection and CERT-In audit ready evidence

Build at scale on Sify's Sovereign AI Infrastructure



Live DCs | Upcoming DCs | AI DC Campuses | Network PoPs | Cable Landing Stations

India's First NVIDIA DGX Ready Data Center Provider with air and liquid cooling | IndiaAI Mission Partner | MeitY Cloud Partner

Reach	**1,700+** cities, 4,200+ PoPs	**11K+** connected buildings	**120+** interconnected DCs	**4** cloud onramps	**3** cable landing stations
Capacity	**16** DCs at ~200 MW live	**9** upcoming hyperscale and edge DCs	**3** AI campuses at 130+ kW/rack	**100G** to Tbps optical backbone	**300+ MW** renewable contracted

Humans Govern. Machines Execute. Our Agentic AI Operating Model.

End-to-End Orchestration, From Signal to Execution

Sources: Signals from the business	Orchestration: How AI takes over	Outcomes: What business gains
Monitoring alerts Service requests User issues	**Policy governed autonomous operations - multi agents** **L1:** Identifies the issue and its criticality — Classify **L2:** Root cause analysis and solution — Analyze **L3:** Performs the remedial action — Execute **L4:** Closed loop learning — Review	**Higher resilience, faster response, lower cost** Noise reduction Up to 95% MTTR <1 Min OpEx savings Up to 30%

One agent workforce across your entire estate

Networks
Agents to keep connectivity always on

Data Centers
Agents that self maintain core infrastructure

Cloud
Agents to auto recover and scale workloads

Security
Agents that secure and drive compliance

Built for autonomy. Backed by expertise.

What we operate

- **900+** managed network, cloud, and IT customers
- **100,000+** links, routers and SD-WAN endpoints managed
- NOC support across **22+** countries
- **2,000+** network, cloud, and data center specialists

What we secure

- **300+** MSS, MDR, SOC, and GRC deployments
- **3 million** alerts triaged, **1.5 million** incidents resolved a year
- **5,000+** IT assets secured, **30+** OEM platforms integrated
- **100+** certified security professionals

Your foundation. Your control. Your move.

Why Sify

Networks, data centers, AI cloud, cybersecurity and managed services under one sovereign roof

Full visibility, governance and FinOps across every cloud, with your data in your perimeter

From shop floor to supply chain, bring AI live in weeks

CERT-In and DPDPA ready from day one, across every plant

500+ of India's top manufacturers trust our AI and digital transformation services



AI driven learning transformation for a global pharmaceutical major, on hybrid AWS and CloudInfinit^{+AI} private GPU clusters



Sify's Distributor Management System powering a top FMCG company's supply chain to 7 million+ retailers



SAP migration to hyperscaler and digital networks integrating IT, OT and people for the world's most geographically diversified steel manufacturer



Hybrid IT managed services across DC, DR, network, security and end user services for a global energy company



CloudInfinit^{+AI} on an outcome based model, scaling India's largest power utility to 25 million+ subscribers



Managed services on a canonical model, delivering higher uptime and visibility for a billion dollar chemical manufacturer

Certifications and Recognitions

Meit'Y AI and Cloud Empanelled

India's First NVIDIA DGX Ready Air and Liquid Cooled DCs

Rated 3 DCs

27001:2022 Information Security Management

IT Service Management

PCI DSS

SOC 1,2,3 Type II

Telecom Quality Management System

World's International Standard for Occupational Health and Safety

Quality Management System

14001:2015 Environmental Management system

27017:2015 Information Security Controls

Personal Data Protection

50001:2018 Energy Management System

IGBC Green Building

Mumbai 03, Chennai 02, Noida 02, IGBC Platinum

ISG
Product Challenger in AI ready Infrastructure Solutions Global 2026

GARTNER
Sify is a leader in Gartner's MQ for Managed Network Services Global 2026

CIO CHOICE
CIO Choice 2025 for AI ready Data Centers

IGBC
IGBC Green Champion Award 2025

IDC
Leader in MarketScape for India Data Center Services 2024

IDC
Major player in MarketScape for Managed Cloud Services APAC 2024

ASSOCHAM
Innovation in Data Center 2024

India's Sovereign AI Foundation Build on Sify

Networks | Data Centers | AI Cloud | Managed Services | Cybersecurity

Know More

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