

BUILD. RUN. GOVERN. AI AT SCALE.

Architecting the Sovereign AI Foundation
for Manufacturing



Tried. Tested. Trusted.

For over 25 years



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 pressure to modernise, compete and deliver at scale has never been more urgent.

Growth

Manufacturing contributes 17% of GDP today, government targets 25% by 2035

Competition

Manufacturing FDI up by 18% to \$19bn in FY25

Customer

38% of Indian consumers expect delivery within 2 hours

Cost

Data driven factories show 30% better efficiency

143 Million

Jobs targeted under the National Manufacturing Mission

\$4.89 Billion

India's AI in manufacturing market by 2030, growing at 41.5% annually

2,786

Cyberattacks per week on Indian manufacturing in 2025

Source: Public Govt. Listed Information

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 Standardise

Machines replaced manual work.

ERP replaced paper.

Most Indian manufacturers built their operational foundation here.

Industry 4.0

Connect and Optimise

Factories connected to cloud, data and supply chains.

Smart sensors, IoT and analytics entered the shop floor.

This is where most Indian manufacturers are today, mid adoption, mid risk.

Industry 5.0

Resilient. Sustainable. Human Centric.

Technology working alongside people not replacing them.

Sustainable by design, lower carbon footprint.

AI driving decisions across every layer of the business.

How Sify can help?

Connect.

Keep plants running

Protect.

Secure the shop floor

Scale.

Grow without rebuilding

Connect

Plant and factory uptime is a revenue number, not an IT metric



AGENTIC – InfiniTAIZEN



Prevent plant IT systems downtime with continuous self healing



Predicts and resolves network failures before production is impacted



Agentic IT ops keeping every plant connected round the clock

Networks

OT and IT networks connected securely across every plant and site

Low latency connectivity ensuring real time machine to machine communication

SD-WAN, SASE across all locations with centralised visibility and control

DC and Sovereign Cloud

Edge DC at plant level for real time processing without cloud dependency

Hybrid cloud connecting plant data to enterprise systems seamlessly

Colocation for critical systems with guaranteed uptime and DR

Cyber Security

OT and IT network segmentation keeping plant systems isolated and secure

Zero trust access ensuring only authorized systems and people connect

Continuous monitoring across every connected endpoint

Protect

The connected factory is also the exposed factory



AGENTIC – InfiniTAIZEN



Agentic SOC monitors OT and IT environments simultaneously and responds in real time



Threat detection across shop floor, plant ops and enterprise in one unified view



Auto isolates compromised systems before lateral movement reaches production

Networks

Micro segmentation isolating OT systems from IT and internet traffic

Secure remote access for vendors and engineers without exposing plant network

Network telemetry logging every connection across OT and IT environments

DC and Sovereign Cloud

Sovereign data storage ensuring production data never leaves your perimeter

Immutable backups enabling fast recovery without paying ransom

Secure cloud environments CERT-In compliant from day one

Cyber Security

Full OT and IT security posture management across every plant

CERT-In audit ready reporting with continuous compliance monitoring

Vulnerability management across legacy OT systems without disrupting production

Scale

Grow to new plants and geographies without rebuilding from scratch



AGENTIC – InfinitAIZEN



Agentic ops deployed to new sites instantly without building new IT teams



Automated onboarding of new plant infrastructure into centralised management



AI driven capacity planning ensuring infrastructure scales ahead of business growth

Networks

Rapid network rollout to new plant locations

Unified network management across all sites from a single control plane

Seamless connectivity between new plants, existing facilities and cloud

DC and Sovereign Cloud

Hybrid cloud enabling ERP and core systems to scale without new owned infrastructure

SAP and enterprise application migration to cloud without business disruption

Colocation capacity ready to activate as new plants come online

Cyber Security

Security policies replicated automatically to every new site from day one

Consistent compliance posture across all geographies and plant locations

No security gaps during rapid expansion, protection scales with the business

Build. Run. Govern. AI on India's Sovereign Foundation

India's Top 7 Banks, 4 Insurance, 4 Manufacturing, 4 Hyperscalers, Global Social Media, OTT, Security and 10000+ Enterprises Trust us

Purpose built GW campuses for AI training

Edge DCs designed for faster inferencing

RE first and autonomous DC-NW operations

Campus AI Fabric for high-speed movement

Country scale lossless networks

Secure AI pipelines with encrypted flows

India's first NVIDIA certified DGX Ready Data Center Provider
IndiaAI and MeitY Cloud Partner



Sovereign AI in Box Make in India Server
Pre-built vertical use cases and AIOps, ready to scale,
designed for flexibility, engineered for reliability

15

Data Centers
~ 200 MW live

3

AI campuses,
liquid cooling
130+ kW/Rack

10

Upcoming
hyperscale
and edge DCs

120+

Interconnected
DCs and 4
cloud onramps

100G to Tbps

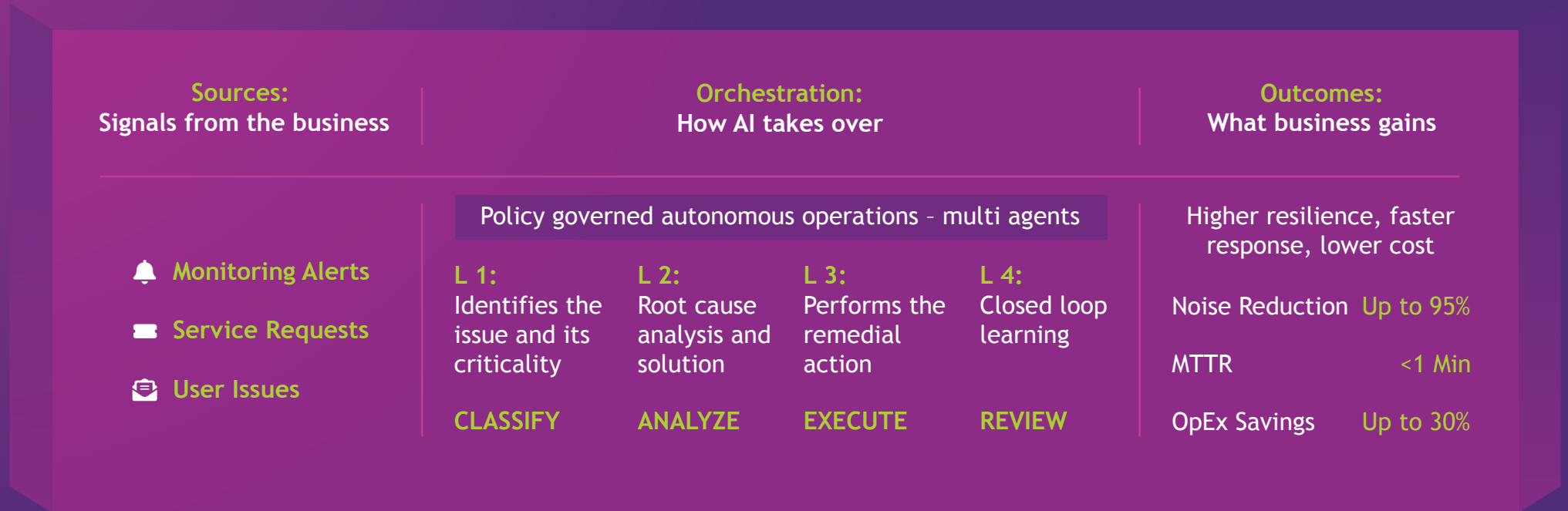
Optical
backbone 1700
cities, 3700 PoPs

300+ MW

Renewable power
contracted

Our Agentic AI Operating Model

End-to-End Orchestration: From Signal to Execution



Sify's agents transforming IT operations for enhanced customer experience



Networks

Agents to keep connectivity always on



Data Centers

Agents that self maintains core infrastructure



Cloud

Agents to auto recover and scale workloads



Security

Agents that secure and drive compliance

500+ India's leading Manufacturing companies trust Sify's AI and Digital Transformation Services



A global pharmaceutical major accelerated AI driven learning transformation on hybrid architecture with AWS and Sify CloudInfini⁺AI private GPU clusters



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



India's largest power utility company chose our CloudInfini⁺AI platform with business-outcome-based model to scale their service to 25 million+ subscribers



A top FMCG company in India uses Sify's Distributor Management System for their forward supply chain to service 7 million+ retailers



Hybrid IT Managed Services across DC, DR, NW, Security, and End-User Services for a global energy company



Managed services on canonical model secures higher uptime, enhanced visibility and customer delight for billion-dollar chemical manufacturer



Certifications



MEITY AI and Cloud Empaneled



India's 1st Nvidia DGX Ready Air and Liquid Cooled DCs



Rated 4 New DCs and Rated 3 DCs



Data Center, Cloud and Managed Services



IT Service Management



Telecom Data Center and Managed Services



PCI DSS



Indian Green Building Council Green Building



SOC 1 Type II



SOC 2 Type II



World's International standard for occupational health and safety



Business Continuity Management System



Environmental Management system



Noida 02 DC IGBC Platinum



Mumbai 03 DC IGBC Platinum

India's Sovereign AI Foundation Built on Sify



Networks



Data Centers



AI Cloud



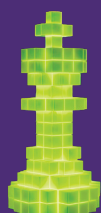
Cyber Security



Managed Services



Know More



Build. Run. Govern.
AI at scale.

sify

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