ANOMNY Technologies Pvt. Ltd.	Modular Container Data Centre - Prefabricated IT Infrastructure Solution Datasheet AMY-SOL-CDC-001	

ANOMNY

Container Data Centre

Rapid Deployment · Modular · Scalable · Edge-Ready

Prefabricated IT & Power Modules | Plug-and-Play Deployment | 24x7 Remote Monitoring

ANOMNY Container Data Centre delivers a fully engineered, factory-built modular data centre within a standard ISO container footprint — combining IT racks, power, precision cooling, fire safety and physical security into a single prefabricated unit. Designed for rapid deployment at the edge, disaster-recovery sites, defence installations, or as capacity extension to an existing facility, it cuts deployment time from months to weeks while meeting enterprise-grade uptime and security standards.

6-8 Weeks	Tier III	N+1	IP55	Made in
Deployment Time	Design Ready	Power & Cooling	Rated Enclosure	India

A Modular IT & Power Infrastructure

IT Enclosure

- Pre-installed, pre-cabled rack infrastructure (configurable racks per container)
- Hot-aisle / cold-aisle or in-row cooling containment
- Structured cabling with fibre & copper pre-terminated at the factory
- Raised access flooring or overhead cable tray options

Power Infrastructure

- N+1 / 2N UPS configuration options
- Integrated PDUs with remote monitoring
- Diesel generator / genset interface ready
- Solar / hybrid power integration option for edge sites

B Cooling & Environmental Control

Precision Cooling

- In-row / CRAC-CRAH precision cooling units
- Hot-aisle containment for optimised PUE
- Free-cooling / economiser mode for suitable climates
- Redundant cooling units (N+1) for continuous operation

Environmental Monitoring

- Temperature & humidity sensors across all zones
- Water leak detection under raised flooring
- Dust & particulate filtration (IP55-rated enclosure)

C Physical Security & Fire Safety

Physical Security

- Biometric / RFID access control at container entry points
- CCTV surveillance integrated with VMS
- Vibration and intrusion detection sensors

Fire Detection & Suppression

- VESDA-based early smoke detection
- Clean-agent (FM200 / Novec) fire suppression system
- Automatic shutdown and alarm integration with BMS

D Monitoring, DCIM & Integration

DCIM Integration

- Real-time monitoring of power, cooling and security via DCIM
- Remote management and alerting, 24x7
- Integration with existing BMS / NMS / Helpdesk systems

Connectivity

- Redundant fibre / network entry points
- Support for multiple ISPs / carrier-neutral connectivity
- Ready for satellite / microwave backhaul at edge sites

E Deployment & Compliance

Rapid Deployment

- Factory-built, factory-tested modules - plug-and-play on site
- Deployable on a concrete pad or piled foundation, minimal civil work
- Stackable / expandable design for phased capacity growth

Standards & Compliance

- Built to Uptime Institute Tier III design principles
- ISO container-compliant structural design for transport
- CERT-IN aligned cyber-hardening on all monitoring systems

Why ANOMNY Container Data Centre?

- Deploy a fully operational data centre in weeks, not months
- Single-vendor accountability - IT, power, cooling, security and fire in one package
- Ideal for edge, disaster recovery, defence and remote / rural deployments
- Fully integrated with ANOMNY VA, Helpdesk and DCIM ecosystem
- Made in India - local manufacturing, R&D and on-site support
- Free firmware / software upgrades - no additional integration cost

Get in Touch

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For Container Data Centre demo, site survey and deployment enquiries: info@anomny.com

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