

**Elevating What's Next !**



**AROHA TECH SDN. BHD.**  
[www.arohatech.com.my](http://www.arohatech.com.my)

# **Your Trusted Partner for Integrated Data Centre, Cloud & GPU Infrastructure Solutions**



**Data Centre  
Engineering &  
Infrastructure**  
End-to-end build &  
integration



**Cloud & GPU  
Compute**  
High-performance  
compute power



**Smart  
Agriculture  
Systems**  
Precision tech for  
modern farming

# About AROHA TECH

AROHA TECH SDN. BHD. is a technology-driven engineering company delivering specialised infrastructure solutions for data centres, cloud computing, and smart agriculture. Operating as a solution integrator, product supplier, and specialised service provider, we partner with reputable manufacturers across the region to deliver competitive pricing, assured quality, and reliable project execution.

## Current Position

Early development phase — building partnerships, participating in industry tenders, and establishing supply channels for specialised data centre infrastructure products. Distribution arrangements secured for selected infrastructure components.

## Our Direction

Expanding capabilities as a solution integrator and technology partner, focusing on modular infrastructure, high-performance computing platforms, and smart technology applications in agriculture.

## Our Long-Term Vision

Developing into a regional engineering and technology platform integrating infrastructure deployment, advanced computing solutions, and intelligent monitoring systems across Southeast Asia.

## Our Vision

To become a leading regional provider of intelligent infrastructure solutions supporting the digital economy and sustainable development.

## Our Mission

- Deliver high-quality infrastructure for mission-critical environments
- Build strong partnerships with global technology manufacturers
- Develop innovative, scalable solutions across our three core sectors
- Provide reliable project execution with cost, quality, and schedule efficiency
- Support customers with long-term operational and maintenance solutions



## Data Centre Engineering & Infrastructure

Design, supply, and deployment of mission-critical infrastructure for modern data centres — from containment systems to raised floors and structured cabling.



## Cloud & GPU Compute Solutions

High-density compute infrastructure engineered for AI workloads, cloud services, and edge computing — supporting deployments up to 800 kW per container.



## Smart Agriculture Systems

Technology-enabled farming infrastructure incorporating automation, sensors, and data-driven irrigation systems for sustainable, precision agriculture.

## Data Centre Product Solutions



### Containerised Data Centre

Locally fabricated modular data centre solutions with configurable equipment, supporting scalable deployment for enterprise, edge, and remote environments.



### Customisable Server Racks

Flexible rack configurations including multi-segment designs with integrated locking systems and customised airflow management.



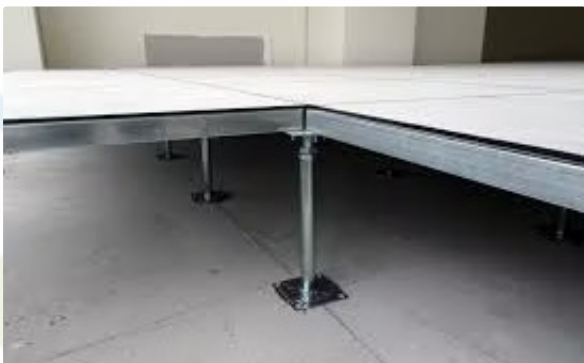
### Hot & Cold Aisle Containment

Precision containment systems engineered to optimise cooling efficiency and measurably improve data centre energy performance.



### Heavy Duty Suspended Ceiling

SIRIM-certified ceiling systems supporting 250 kg and 500 kg point load requirements — purpose-built for mission-critical facilities.



### Raised Floor Systems

High-performance raised floor solutions supporting airflow management, cable routing, and future infrastructure scalability.



### ATS Rack Systems

Rack-based Automatic Transfer Switch systems engineered for efficient, reliable power switching in critical environments.

## Structured Cabling & Power Infrastructure

AROHA TECH supplies and installs comprehensive cabling, power, and ancillary infrastructure solutions for mission-critical data centre and industrial environments.



### MPO Fibre & Patch Panels

High-density MPO fibre systems, patch panels, fibre runners, cable ladders and trays for structured data environments.



### Network Cabling Systems

CAT6, CAT6A, CAT7, and CAT7A copper network cabling solutions for high-performance enterprise connectivity.



### RF-Based Pest Control

Radio-frequency pest management systems controlling rodent activity within critical infrastructure environments.



### Fibre Optic Solutions

End-to-end fibre optic installation, splicing, and termination services for high-bandwidth data transmission requirements.



## Electrical Infrastructure Solutions

AROHA TECH provides comprehensive electrical infrastructure design, installation, and maintenance for data centres, industrial facilities, and high-reliability power systems.



### Switchboard & Power Distribution

Design, supply, and upgrade of switchboards and distribution boards for scalable critical facilities.



### Smart Electrical DB Upgrades

Modernisation of existing distribution boards with smart monitoring and modular expansion capabilities.



### MV / LV Cable Installation

Medium and low-voltage cable routing, termination, and structured deployment for stable power distribution.



### Busbar Systems

High-capacity busbar trunking for efficient, flexible power distribution across data centres and industrial sites.



### Earthing Systems

Grounding system design ensuring electrical safety, equipment protection, and full standards compliance.



### EMF Testing & Safety Assessment

EMF testing and electrical assessment verifying safety compliance and minimising interference risks.

## Engineering & Infrastructure Services

AROHA TECH delivers specialised engineering and infrastructure services supporting the full lifecycle of data centre operations — from testing and commissioning to ongoing maintenance and optimisation.



### Infrastructure Testing - Load Bank

Load bank testing rental services for power validation and system verification.



### Modular Infrastructure Leasing

Smart rack, smart row, and modular data centre leasing solutions for flexible deployment.



### CFD Engineering Services

White space airflow modelling, chilled water CFD, and external environmental airflow analysis.



### Cooling System Maintenance

Maintenance for precision cooling, immersion cooling, and liquid cooling systems.



### Integrated Building Cleaning with Specialised Data Centre Cleaning Report compliant to ISO 14664-Class 8

Specialised cleaning services with periodic particle count reporting for critical facilities.



## Civil, Security & Fibre Services

AROHA TECH delivers comprehensive civil, security, and fibre infrastructure services supporting the physical and operational integrity of data centres and critical facilities.



### Waterproofing

Specialist waterproofing works for data centre floors, walls, and critical infrastructure areas.



### Equipment Caging & Partition Walls

Custom caging and partition wall installation for secure equipment segregation and space management.



### Fire Door Installation

Supply and installation of certified fire doors for life safety and regulatory compliance.



### Generator & Diesel Tank Maintenance

Scheduled maintenance and servicing of standby generators and diesel fuel storage systems.



### Security & Safety Systems

Security fencing, CCTV systems, access control, and safety signage for critical infrastructure protection.



### CCTV & Access Control

End-to-end CCTV surveillance and access control system design, supply, and installation.



### Fibre Installation Services

Professional fibre cable pulling and structured network deployment for high-performance connectivity.

## Cloud Hosting & GPU Compute Services

AROHA TECH provides cloud hosting environments and GPU compute infrastructure supporting AI workloads, enterprise applications, and high-density computing deployments.

### Key Capabilities

- Cloud data hosting infrastructure
- GPU compute infrastructure for AI workloads
- High-density compute environments
- Edge computing deployments
- Modular cloud infrastructure

### Deployment Configurations

Our hosting solutions support flexible deployment sizes:

- Quarter rack environments
- Single rack deployments
- Multi-rack compute clusters

### Scalable Capacity

Infrastructure capacity can scale up to 800 kW within a containerised data centre, including double-storey container configurations for high-density deployments.

### Modular Expansion

The modular architecture allows rapid expansion through additional containers, enabling scalable compute infrastructure based on customer demand.

## Smart Agriculture Technology

AROHA TECH develops technology-driven agricultural systems designed to enhance productivity, reduce resource waste, and support sustainable farming operations.



### Automated Irrigation

Intelligent irrigation control systems triggered by real-time soil and weather sensor data for optimal water usage.



### Weather Monitoring

Integrated weather station data for adaptive field management and proactive crop protection.



### Soil Moisture Sensing

Distributed sensor networks delivering granular soil condition data for precision farming decisions.



### Smart Water Management

Optimised water usage systems reducing consumption while maximising crop yield and sustainability.



### Remote Monitoring Dashboard

Centralised monitoring platforms providing real-time visibility of farm operations and system performance.



### AI-Driven Analytics

Machine learning analytics delivering actionable insights for smarter, data-driven agricultural management.



## Production & Delivery Capabilities

Through fabrication partnerships in Shah Alam, Selangor and Pasir Gudang, Johor, AROHA TECH manufactures and delivers customised infrastructure components for data centres and critical facilities.

### Production Capacity



#### Modular Containment Systems

Custom-fabricated modular containment systems for hot and cold aisle management.

### Delivery & Logistics



#### Regional Equipment Sourcing

Strategic sourcing from regional and international manufacturers.



#### Custom Server Racks

Bespoke rack manufacturing with configurable dimensions and airflow management.



#### Local Fabrication & Assembly

In-country fabrication ensuring quality control and faster delivery.



#### Structural Systems

Specialised structural frameworks purpose-built for data centre environments.



#### Warehousing & Distribution

Warehousing and distribution managed from Pasir Gudang, Johor.



#### Tailored Infrastructure

Custom-engineered components designed to meet specific project requirements.



#### International Coordination

Coordination with global manufacturers for specialised components.



# Why Choose AROHA TECH

→ **Industry-Focused Engineering Expertise**

Specialist knowledge across data centre, cloud compute, and smart agriculture infrastructure.

→ **Strong Manufacturing & Technology Partnerships**

Established relationships with regional fabricators and global technology manufacturers.

→ **Customisable, Scalable Solutions**

Flexible infrastructure engineered to your exact specifications and future growth requirements.

→ **Reliable Regional Supply Chain**

Competitive pricing, dependable delivery, and long-term service support across Malaysia and APAC.

**AROHA TECH is more than a supplier – we are your strategic infrastructure partner.**

# Business Partners & After-Sales Support

## Strategic Partners

AROHA TECH collaborates with industry-leading organisations to expand our solution capabilities. We continuously welcome partnerships with technology manufacturers and solution providers across the Asia-Pacific region.



### Profile Solution, Mumbai

Specialists in hot aisle containment systems and heavy-duty ceiling infrastructure. [www.profile-solution.com](http://www.profile-solution.com)

## After-Sales Support

AROHA TECH provides structured post-deployment services to ensure long-term operational reliability:



### Service Desk Support

Dedicated support team for all post-deployment queries.



### Technical Troubleshooting

Expert diagnosis and resolution of technical issues.



### Maintenance Scheduling

Planned preventive maintenance to ensure uptime.



### Escalation Management

Structured escalation paths for critical incidents.



### Spare Parts Support

Reliable spare parts availability for continued operations.



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