



TECHNE AUTOMATION SERVICES

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**SIMPLIFYING COMPLEX
TECHNOLOGY**



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About TAS

Techne Automation Services (TAS) is a technology infrastructure solutions provider specialising in the design, supply, installation, and maintenance of enterprise network, security, server, and power protection systems.

We support organisations across manufacturing, commercial, industrial, and property development sectors by delivering reliable, scalable, and high-performance technology infrastructure solutions.

With expertise in **structured cabling, fibre optic networks**, enterprise hardware deployment such as **AP, Storage Servers, Switches, CCTV systems, and UPS solutions**, TAS provides end-to-end implementation services tailored to meet modern business requirements.

Vision

To be a trusted technology infrastructure partner, delivering reliable and scalable solutions that connect, protect, and empower businesses for the future.

Mission

To simplify complex technology infrastructure through quality products, professional engineering, disciplined project execution, and dependable long-term support.

Values

RELIABILITY | QUALITY | PROFESSIONALISM
CUSTOMER FOCUS | INTEGRITY | CONTINUOUS
IMPROVEMENT

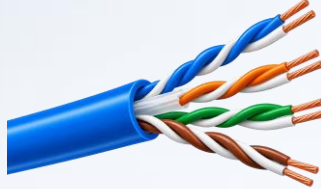
STRUCTURED CABLING & FIBRE OPTIC SOLUTIONS

Reliable Network Infrastructure. Professionally Delivered.

Techne Automation Services provides end-to-end **CAT6 structured cabling and fiber optic infrastructure solutions** for commercial, industrial and enterprise environments. From supply and installation to termination, testing and commissioning, we deliver complete network infrastructure designed for reliable performance, organized deployment and long-term scalability.

STRUCTURED CABLING & FIBRE OPTIC SOLUTIONS

CAT6 Structured Cabling



Supply & Installation

- CAT6 network cable supply and installation
- Horizontal network cabling
- Network point installation
- Cable routing and containment
- Network rack installation

Termination & Infrastructure

- Patch panel termination
- Data outlet termination
- Keystone jack installation
- Patch cord installation
- Cable management, labelling and identification

Testing & Commissioning

- Cable performance testing
- Link certification
- Fault identification and troubleshooting
- Test result documentation
- Final system verification



Fibre Optic Infrastructure

Supply & Installation

- Single-mode and multi-mode fibre cabling
- Backbone fibre deployment
- Inter-building fibre connectivity
- Indoor and outdoor fibre routing
- Fibre cable management

Termination & Splicing

- Fibre optic splicing
- Pigtail and connector termination
- Fibre Termination Box (FTB) installation
- Fibre patch panel installation
- Fibre patch cord connectivity

Testing & Commissioning

- OTDR testing
- Optical power testing
- Fibre link testing
- Loss and fault identification
- Test result documentation

STRUCTURED CABLING & FIBRE OPTIC SOLUTIONS

Technology Brands

COMMSCOPE[®]
SYSTIMAX[®]

BELDEN

CORNING[®]



DEKKA[®]

alhua
TECHNOLOGY

STRUCTURED CABLING & FIBRE OPTIC SOLUTIONS

TESTING & CERTIFICATION CAPABILITIES

TAS is equipped with professional **Fluke Networks** testing equipment for CAT6 and fibre optic infrastructure.

CAT6 Testing

Fluke Networks **DSX CableAnalyzer™ Series** for cable performance testing and certification.

Fibre Testing

Fluke Networks **OptiFiber® Pro OTDR Series** for fibre testing, loss analysis and fault detection.

Our technical team is **highly knowledgeable in operating Fluke testing equipment and interpreting test results**, ensuring every installation is properly tested and verified before handover.

TEST • VERIFY • DOCUMENT



SERVER & NETWORK INFRASTRUCTURE SOLUTIONS

Techne Automation Services provides end-to-end **server and network infrastructure solutions**, from hardware supply to installation, configuration and deployment.

Server Infrastructure

- Server supply & installation
- Rack-mounted server deployment
- Server rack & cabinet installation
- Storage solutions
- Hardware configuration & setup
- Infrastructure upgrades



Network Switches

- Managed & unmanaged switches
- PoE network switches
- Core & access switches
- Switch installation & configuration
- Rack mounting & patching
- Network expansion & upgrades



SERVER & NETWORK INFRASTRUCTURE SOLUTIONS

Wireless Access Points

- Enterprise access point supply
- Indoor & outdoor AP installation
- AP mounting & deployment
- Wireless network configuration
- Network integration
- Coverage optimisation



CCTV & SECURITY SOLUTIONS

Techne Automation Services provides integrated **CCTV surveillance, alarm and access control solutions** for commercial, industrial and enterprise environments.

CCTV Surveillance

- IP CCTV camera supply & installation
- Indoor & outdoor surveillance
- NVR / VMS setup
- Camera configuration & commissioning
- Remote monitoring setup
- CCTV system upgrades



Alarm Systems

- Intrusion alarm systems
- Door and window sensors
- Motion detection systems
- Alarm panel installation
- Siren and alert configuration
- System testing & commissioning



Access Control Systems

- Door access systems
- Barrier gate systems
- Vehicle access system (LPR)
- Card / RFID access
- Biometric access systems
- Electromagnetic lock integration
- User access configuration



UPS & POWER PROTECTION SOLUTIONS

Techne Automation Services provides reliable **UPS supply, installation, commissioning and maintenance services** to protect critical IT, network, CCTV and operational equipment from power interruptions and electrical disturbances.

Our services include **single-phase and three-phase UPS systems, rack-mounted and tower UPS, battery bank installation, preventive maintenance, battery health checks, troubleshooting, battery replacement and system performance testing.**

With proper inspection, testing and maintenance, TAS helps clients improve power reliability, reduce unexpected downtime and extend the operating life of their UPS systems.

SUPPLY • INSTALL • TEST • MAINTAIN • SUPPORT



IOT & SMART AUTOMATION SOLUTIONS

Techne Automation Services provides **IoT and smart automation solutions** for real-time monitoring, data collection and automated control across industrial and commercial environments.

Our capabilities include **sensor integration, equipment monitoring, smart alerts, remote monitoring, IoT dashboards and custom automation solutions.**

Applications: Manufacturing • Warehouses • Smart Buildings • Equipment Monitoring

CONNECT • MONITOR • AUTOMATE



MICROSOFT POWER PLATFORM SOLUTIONS

Techne Automation Services provides **Microsoft Power Platform solutions** to digitalise business processes, automate repetitive tasks and improve operational visibility.

Our capabilities include **Power Apps development, Power Automate workflows, Power BI dashboards and integration with Microsoft 365 and SharePoint.**

Applications: Workflow Automation • Digital Forms • Approval Processes • Data Tracking • Management Dashboards

AUTOMATE • DIGITALISE • ANALYSE



Power Apps



Power BI



Power Automate

SAFETY & COMPLIANCE



PROJECT DELIVERY METHODOLOGY & QUALITY STANDARDS

At Techne Automation Services, every project is delivered through a structured process to ensure **quality, safety, reliability and proper project completion. Our Delivery Process**

Site Assessment → Solution Planning → Supply & Installation → Testing & Commissioning → Documentation
→ Handover & Support

Our team follows proper installation practices, cable management, labelling, testing procedures and manufacturer guidelines throughout every project.

For network infrastructure, we conduct **CAT6 certification testing, fibre OTDR testing and optical power testing** where applicable. All systems are inspected and verified before final handover.

We are committed to delivering professional workmanship, accurate documentation and reliable infrastructure that meets the operational requirements of our clients.

PLAN • INSTALL • TEST • VERIFY • Documentation • HANDOVER

WHY CHOOSE TECHNE AUTOMATION SERVICES ?

Techne Automation Services delivers complete technology infrastructure solutions with a strong focus on **quality, reliability and professional execution**.

End-to-End Solutions

From supply and installation to testing, commissioning, documentation and support.

Technical Expertise

Experienced team with practical knowledge in network cabling, fiber optics, servers, switches, wireless, security systems and UPS solutions.

Professional Testing

Equipped with professional testing equipment for CAT6 and fiber verification to ensure installation quality and performance.

Trusted Technology Brands

We work with established technology manufacturers to provide reliable and scalable solutions.

Quality Workmanship

Structured installation, proper cable management, labelling, testing and project documentation.

Reliable Project Delivery

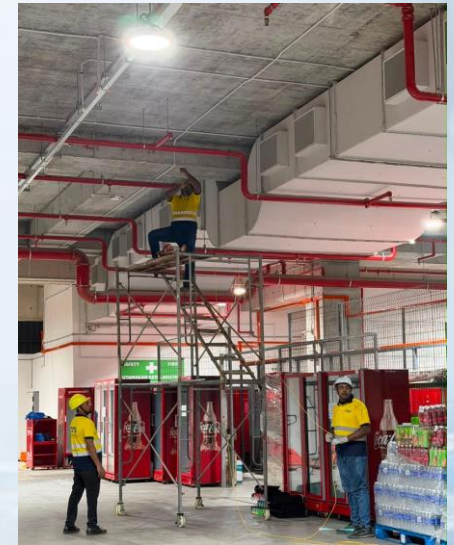
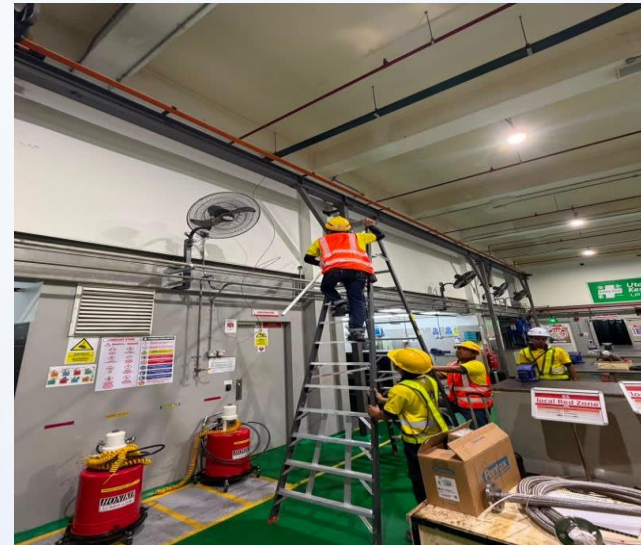
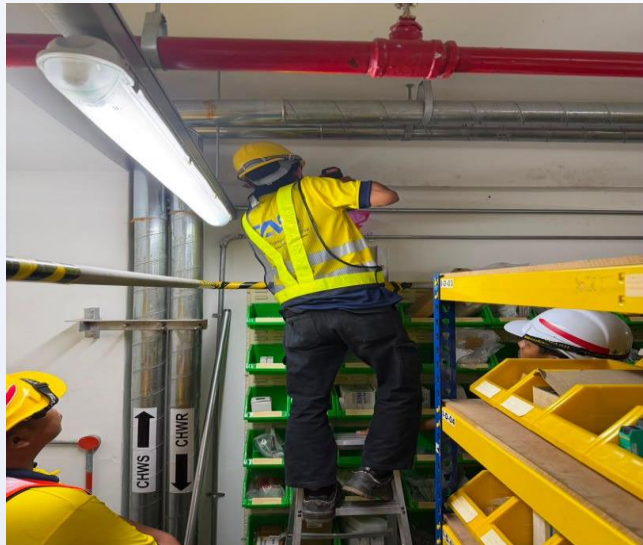
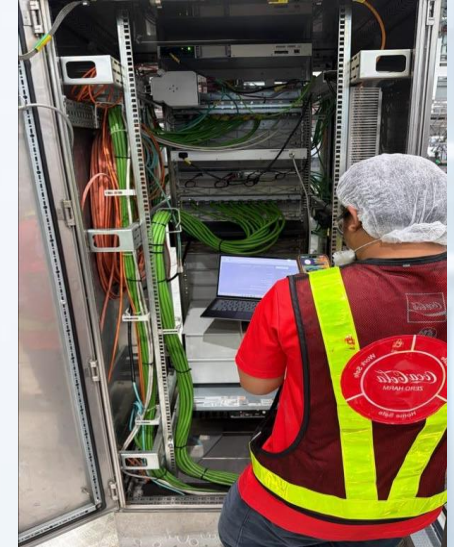
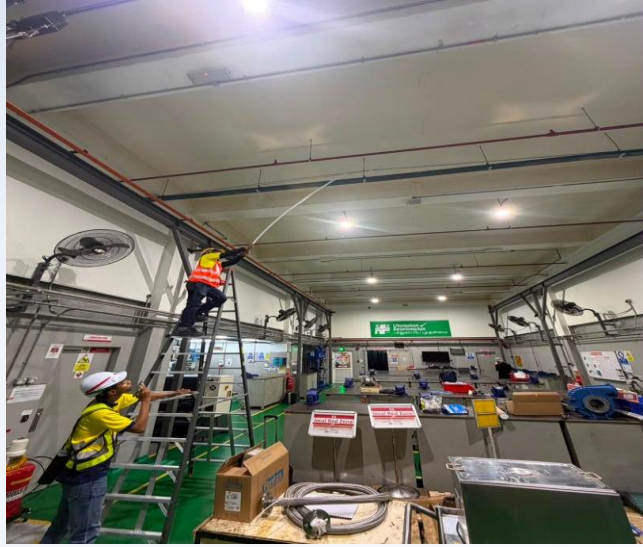
Clear planning, site coordination and systematic execution from initial assessment through final handover.

TECHNICAL EXPERTISE • QUALITY WORKMANSHIP • RELIABLE DELIVERY

OUR CLIENTS & PAST PROJECTS



OUR TEAM





CONTACT US

Let's Build Reliable Technology Infrastructure Together

Techne Automation Services provides professional solutions for network infrastructure, servers, wireless connectivity, security systems and power protection.

For project enquiries, site assessments or quotations, please get in touch with our team.

TECHNE AUTOMATION SERVICES

Email: sales@techneauto.com

Website: techneauto.com

Address: 14-1, Jalan Teluk 4/5, Taman Kinrara, 47100 Puchong, Selangor.

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