



Managed Hosting Services.

Ready to safeguard your critical data and applications.

With a global infrastructure of computer centers and networks, T-Systems operates information and communications technology (ICT) for multinational corporations and public institutions. A pioneer in enterprise-grade cloud computing, T-Systems has been customizing end-to-end Managed Services for our customers in Asia, from Computing Services, Network Services, Desktop Services, Applications Management to full Outsourcing Services, providing them with greater flexibility and efficiency.

Get the most out of our Managed Hosting Services. With our state-of-the-art data centre infrastructure and dedicated specialists, T-Systems helps you reduce complexity with a one-stop hosting service that is highly reliable and scalable to your business needs. With T-Systems as your ICT partner, you can delegate the risk to us and benefit from a single Service Level Agreement for all levels of the services, whether it is for the planning and operating of data centres, migration and consolidation projects or management and monitoring services. In fact, you can deploy both conventional and/or our innovative Dynamic Services model for greater flexibility and cost transparency. Use what you need – pay what you use. You are in control.

T-Systems is a Deutsche Telekom Group Company. The Deutsche Telekom is listed at the Stock Exchange in Frankfurt (DAX30) and New York (NYSE).

Our data centre infrastructure is designed to world class standards to provide the highest level of reliability. The robust infrastructure is highly redundant and you are assured of 24 x 7 security and technical support. T-Systems' services meet the most exacting standards, and are certified to ITIL, ISO 9001, ISO/IEC 27001.

Data Centre Key Features.

- Data centre infrastructure designed as Tier III, 99,982 % uptime
- Carrier-grade facility engineered with 2N redundancy for electrical systems
- Carrier-grade facility engineered with N+1 redundancy for mechanical systems
- 2 Data centres in Singapore
- 24 x 7 x 365 on-site security
- 24 x 7 x 365 technical support
- ITIL, ISO 9001, ISO/IEC 27001 (ISMS), SAP Global Hosting certified

Healthy climate with Green ICT.

Eco-friendly data centre in Singapore.

The materials used in the data centre at Deutsche Telekom Centre are designed to limit detrimental effects on the environment. For example, blinds that reflect the heat reduce the need for air-conditioning.

Within the data centre, advanced power supply units that emit substantially less heat and other pollutants than traditional units during operation are installed.

The water-based CRAC (Computer Room Air Conditioning) units installed are designed to cool the servers rather than the data centre itself. Apart from saving significant amounts of power and therewith reducing the carbon footprint of the facility, this eliminates the need for environmentally harmful refrigerants.



Service.

Security.

- Protection of the building infrastructure (access protection and control), certified according to ISO/IEC 27001 ISMS
- Adhering to security-relevant processes, standards and methods of T-Systems' provision of Access-Control mechanisms and regulations
- Security monitoring and incident management
- Maintaining and enforcing of access rules
- 24 x 7 x 365 security personal
- Perimeter protection
- 2 point authentication access on all exterior and interior doors
- Video camera monitoring of all common areas and rooms housing critical infrastructure components
- Bubble door to control first access security

End-to-End Solutions.

- Plan-Build-Run of data rooms/centres
- Data centre migration and consolidation
- Blade-server ready power setup
- Management and monitoring services

Optional.

- Caging (10 racks and above) / Private Vaults
- Additional Air Distribution Units (ADU)
- Firewall services
- Optical fiber connection for network and components
- T-Systems MPLS VPN connection
- Enhanced security CCTV to view customer specific areas
- Security monitoring and auditing

Technical Specifications.

Power.

- Designed 2N (Dual Path) for 100 watts/sq ft uninterruptible AC, compliant to Tier 4 Power Requirement as per TIA 942 guideline
- N+1 redundant configuration with diesel generators to back up the primary power source

Connectivity.

- Neutral access to multiple local and long distance carriers, metro area network providers.
- Low-latency dark fibre connection across T-Systems data centres

HVAC (Heating/Ventilation/Air Conditioning).

- N+1 redundant configuration
- Compliant to Tier 3 Power Requirement as per TIA 942 guideline

Fire detection and suppression.

- VESDA (Very Early Smoke Detection Apparatus)
- FM200® fire suppression

Infrastructure.

- Temperature: $22^{\circ}\text{C} \pm 2^{\circ}\text{C}$,
Humidity: $50\% \pm 10\%$
- Floor loading capacity of 7.5kN/ sq. m.
- In-house wiring compliant to TIA 942, TIA/EIA 568B, CAT6 structured cabling
- 19" Rack - 42U x W-800 x D-1000 mm (Electro Galvanized Steel)
- Ceiling height is 3.5 m above the raised floor
- The data centre was built based on Green IT principles

Contact:

T-Systems Singapore Pte Ltd
A Deutsche Telekom Group Company
23 Tai Seng Drive
Deutsche Telekom Centre, #01-00
Singapore 535224

Tel.: +65 6510 6000
Fax: +65 6510 6121
E-mail: contacts@t-systems.com
www.t-systems.com.sg