

SAZTEL

Strength in Connectivity....



- LAN Products & Solutions
- WAN Products & Solutions
- POS Products & Solutions
- Wireless Products & Solutions
- Data Security Products & Solutions



Pioneer in Network Solutions and Services.

Our Expertise

LAN SOLUTIONS

Structured Cabling
Network Designing
Equipment & Installations
Information Security

WAN SOLUTIONS

IP Networks
Frame Relay
Fiber Optics Links
Wireless Networks
Free space Optics
Information Security
Network Management

PAYMENT SOLUTIONS

Credit Card
Debit Card
POS Terminals
Mobile

SOFTWARE SOLUTIONS

Customised Software EGDE Solutions

SURVEILLANCE SOLUTIONS

Indoor and Outdoor Surveillance Systems

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Company Overview

SAZTEL is Pakistan's premier IT Systems Integrator with the capacity and experience for providing strategic technology solutions that achieve real business results in diverse industries.

Established in 1985, the company has been built from a technical base with a strong focus on providing a high quality service and delivering solutions with a technological advantage. Innovation, attention to detail and integrity have been the cornerstones of SAZTEL's growth and success. Ongoing technical and business training programmes, client and industry research and investment in specialized network equipment continue to keep SAZTEL at the forefront of the Networking industry.

Whilst working closely with industry leading vendors, SAZTEL continues to remain mostly manufacturer independent and consultative in its approach to ensure best fit solutions to both public and private sector clients.

Saztel can deliver its solutions and services countrywide with presence in all the major cities of Pakistan.



Services

SAZTEL offers various services in Information Technology to its customers, some of them are listed below:

- Identification of Customer needs for IT infrastructure
- Provide IT Solutions on turnkey basis
- Network design of Local Area Network
- Network design of Wide Area Network
- Design & installation of remote and local Surveillance Systems
- Security solutions for Intranet, Extranet & Internet Customers
- Supply of Communications Equipment and warranty support
- Installation & Maintenance (under contract) of Networking Products
- Provide repairing facility on SAZTEL supported equipment
- Implementation of Structured Cabling Projects.

Technically we diagnose all seven layers of the OSI model -

- Application - Slow response times/optimization
- Presentation - Compression/Encryption
- Session - Dropped connections
- Transport - Retransmissions/throughput
- Network - Missing networks/congestion
- Data Link - CRC errors, Encapsulation
- Physical - Speed sensing/Cabling

Network Design & Advice

Keeping up with ever-changing technology is hard enough. Choosing the best way forward for business can be a real headache whether it is planning a new network or enhancing an established infrastructure. Then there's the added pressure to



Downtime, slow response times or bottlenecks in the network are costly, often resulting in lost sales, lost customers and lost productivity - something every IT department works hard to avoid. However, it is not always possible to prevent all possible downtime scenarios or be able to detect the reasons why this should happen in the first place.

SAZTEL's consultants are able to assist with the analysis of current and future organisational needs and the subsequent effects to a network infrastructure. A solution can then be designed to meet both business and budgetary requirements and enable an organisation to efficiently build, expand and integrate their business through best practice processes and technologies.

SAZTEL's troubleshoot service provides rapid, definitive, on-site diagnosis of network infrastructure, network operating system and network application problems. Our technicians are not only highly skilled in all aspects of IT network infrastructure, they also have a wealth of experience in diagnosing problems and are able to quickly identify the area of the network that may be causing the problem. With the aid of specialized network testing equipment that collects statistical data from the network, we can definitively prove our findings and then advise corrective actions.

Benefits of choosing SAZTEL:

- Knowledge and resource of experienced and qualified network consultants.
- Analysis of infrastructure changes highlighting technical impacts, as well as impacts on business processes and the user base.
- Tried and tested best practice processes and technologies minimizing project risk and accelerating the time to project delivery.
- Consideration of present and future commercial and technical objectives ensuring resilience and scalability.
- Thorough planning and analysis optimizing return on investment and controlling future expenditure.

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Network Installation & Support

A failure in an organization's network can cost a business money and possibly compromise its reputation and the confidence held with its customers and staff. Hardware and software failure is just one area for consideration when looking at the level of support and back-up that an infrastructure requires. Other areas for consideration are: theft, physical damage, security breaches and systems failures.

SAZTEL provides a range of professional support services for data or voice infrastructures to give peace of mind so that policies and service level agreements are in place for an efficient and timely resolution, should anything go wrong.

Benefits of Choosing SAZTEL as your IT Support Provider:

- Hardware and software updates.
- Reduced downtime.
- Guaranteed response time.
- Remote support management.
- Cost control.
- SAZTEL's investment in skills and equipment.
- Resolution and fix by certified systems engineers.
- Compensation of skill gaps.
- Knowledge transfer opportunity.

Bespoke Support Solutions are available to incorporate any combination of the features above.

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Milestones

SAZTEL has provided services and products to virtually every sector of industry and with the increase in computerization the scope of the company's services is expected to increase manifold. Some of the SAZTEL projects are being enumerated below.

Aviation



Designed and implemented the first ever Fibre Optics Data Communication WAN Network in Pakistan. The project entailed transporting of multiple protocols and interfaces to the new Jinnah Terminal from the PIA and SITA Computer/Communication Centres. The entire project including the laying of the Fibre Optic Cable and commissioning of microwave links & of various communication processing nodes was carried out by indigenous SAZTEL staff.

Pharmaceutical

SAZTEL provides links to connect multiple locations of various Pharmaceutical Companies using Modems, Routers and Radio Modems. These include Glaxo Wellcome, Agrevo, Roche and Novartis.



Education



Saztel has supplied networking Equipment & links to various universities, the largest being Allama Iqbal University, nearly 1500 nodes spread over 28 Blocks of campus.

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Financial Institutions

Installed and maintains Country wide Data communication networks for various financial institutions including the network with the largest number of routers in the country. SAZTEL enjoys a good relationship with most of the banks operating in Pakistan.

Citibank has been a SAZTEL customer since 1985. SAZTEL has over the years, supplied and installed Modems, X.25 Switches, Multiplexers, Data Encryptors and Radio Modems at Citi Bank locations throughout Pakistan. Citi Bank was the first financial institution to employ data Communication in Pakistan.

Designed, installed and maintain the Country-wide LAN/WAN & Power infrastructure for the State Bank (Central Bank) of Pakistan. It was a World Bank funded project with more than 3500 nodes & seventeen locations through out Pakistan.

Habib Bank is the largest bank in the private sector. Saztel has installed & maintain wireless links to 100 branches of the Bank. Saztel has also designed and installed a Metropolitan Network consisting of five locations in Karachi, using core Ethernet switches.

Saztel has supplied to MCB Bank, hundreds of Modems, Routers, Switches and Wireless Radios for its Head Office and Bank Branches. MCB Bank also has the largest ATM Network in Pakistan.

National Bank of Pakistan, utilizes SAZTEL supplied Modems and other networking equipment to link its Remote Branches to its head office.

Saztel has designed and installed more than 30 wireless links for the Remote Bank Branches in various cities of Pakistan for Bank Alfalah.

SAZTEL has provided security solutions and advices to banks and other organizations such as Citi Bank, National Bank, HBL and CDC.



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Industries

Installed and maintain the Data Communication Systems for Pakistan Steel Mills. The Network and Communications solution provides access to various remote locations spread over an area of approximately 100sq. miles.



Credit / Debit Card Systems & Network



Installed, commissioned and maintain the data communication Network for the Credit Card System used for POS terminal access for American Express, Citi Bank, MCB Bank and United Bank Ltd.

Saztel has also installed the POS terminal Access System for Shell Pakistan for their Fleet Cards.

Pakistan Customs

Designed and Networked the distribution of computing resources in the IBM environment within the Custom House, (a 10 story building) and nineteen remote WAN locations with multiple users at each site.



Internet Service Providers



SAZTEL has installed and commissioned various equipment for a number of Internet Service Providers operating in the country. It also provides related Data Communications solutions to the ISPs.

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Health Care



Installed and maintained the Data Communication Systems for A.K.U.H. The network and communication solution provides access to multiple computing resources offering various applications to users in a campus environment. The users have transparent access to various applications and resources residing in different physical and logical locations.

Saztel has designed and installed Local Area Network for four hospitals of Fauji Foundation in different cities of the country.

Textile

SAZTEL has served the Textile Industry by providing multimedia wireless links between head offices & remote factories, thus accomplishing savings of large financial resources each year. These include Sheikh Spinning Mills, Ibrahim Textile Mills and Tata Textile Mills etc.



Oil & Gas Industry



Saztel has designed & installed the country wide (57 locations) LAN/WAN infrastructure for Pakistan State Oil, which is now running SAP successfully on it for the last 2 years.

Saztel has installed various wireless links between different PARCO locations along the pipeline. PARCO is the biggest oil pipeline company in Pakistan.

The following are some of the companies which have chosen SAZTEL to successfully sell their products in this region:





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