eTWALL TECHNOLOGIES

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Etwall Technologies for Communications & Information T echnology

ABOUT US

"Our project solutions are based on a simple principle: one infrastructure for all services."

eTWaLL Technologies is a Saudi-based solutions provider in the field of Information Technology (IT), electromechanical, and telecommunications.

The company has strong partnership with prestigious IT firms in the Middle East region and elsewhere.

eTWaLL Technologies is located in Jeddah, with support offices in major cities in Saudi Arabia.

It was established in early 2007 under the umbrella of Al-Amri Trading Group.

SERVICES AND SOLUTIONS

IT SERVICES

"Enhanced quality of work through comprehensive IT solutions"

INFRASTRUCTURE SOLUTION

Effective structured cabling systems facilitate efficient workflow in the workplace, without interruptions and network downtime associated with enterprise restructuring.

Hence, we understand IT network infrastructure can make the difference between business success and failure. Our advanced structured cabling products and solution provide flexibility and power to handle mission-critical, bandwidth issues, and emerging applications.

We design, build, and maintain structure cabling infrastructures that support multiple voice, data, video, security and multimedia systems.

CONVERGE NETWORK

Converge Network involves IP Telephony, IPTV Systems, Video Conferencing, Digital Media Signage, Master Clock, Wireless Network Communication, and Network Security.
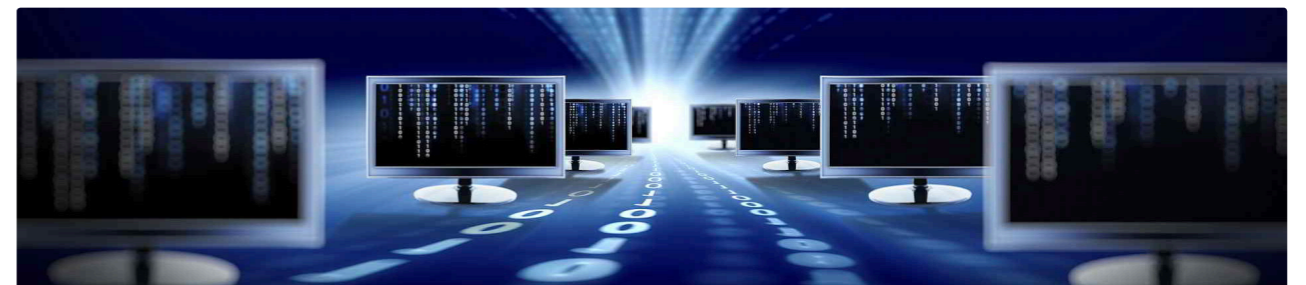
IP TELEPHONY

Our skilled and qualified number of engineers has deep knowledge and experience in multi-vendor technologies (i.e. Cisco, Junifer, HP, Aruba, Polycom, etc.) to establish a wide range of IP solutions that include network infrastructure information system security, unified communications, video conferencing, IPTV systems, IP video surveillance, among other things.

IPTV SYSTEMS

We empower businesses through advanced IPTV solutions that allow them to deliver real-time, on-demand, and recorded video over their IP networks using LANs and WANs.

Our IPTV solutions enable businesses to easily add authorized users while maintaining broadcast-quality recorded video, reducing redundant hardware expenditures, and lowering operating expenses so businesses can fully reap the benefits of organizational IPTV system that lead to improved productivity or enhanced customer experience.

WIRELESS NETWORK COMMUNICATION

We know wireless technology can be the best approach to resolve physical challenge on distance when it comes to communication system. Our wireless network communication system offers innovative network infrastructure solutions that can enable businesses to deliver ultra-high speed connectivity (indoor and outdoor coverage) between distributed sites and centralized points.
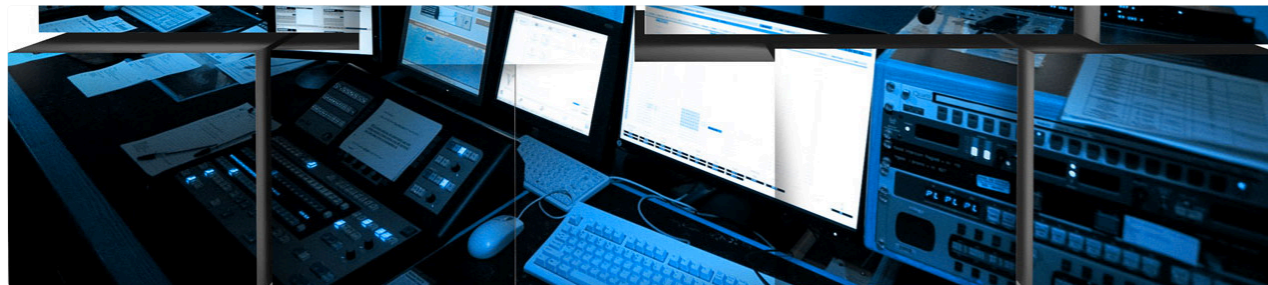
NETWORK SECURITY

Network Security Solutions can enable organizations to operate or conduct business over secured Internet and over private local network. We provide a total information security system that complies with IT industry standards and observes a high degree of confidentiality based on the organization's structure and objective.

DIGITAL MEDIA SIGNAGE SYSTEM

Our Digital Media Signage (DMS) is the answer to organizations that are searching for a way to promote their products & services in a building facility. DMS enables display of relevant information concerning certain events, directions, or even welcoming message so people are guided accordingly, and staff organizers and members may focus on pure customer service.
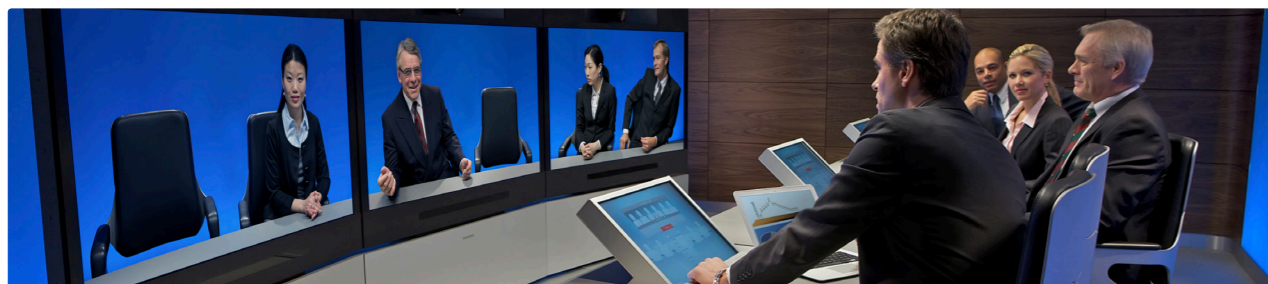
Digital Media Signage is ideal in such settings as hospitals, airports, schools, libraries, museums, hotels, restaurants, commercial complex, supermarkets, industrial sites, etc.

VIDEO CONFERENCING

Real-time communication is essential to a successful business operation these days that is why we have a comprehensive range of communication systems and solutions for all types of business or organization (i.e. medicine, education, finance, justice, broadcasting, trading, or corporation).

Our video conferencing solution offers multi-users who can view multimedia content on the same screen or on split screen format. A smart tracking camera enables our video conferencing solution to blend a combination of voice-directional detection, face & moving object recognition to enhance video conference experience. Also, we use High Definition video to provide high resolution images and accurate colors while all parties are on video conference.

MASTER CLOCK SYSTEM

We provide precision clock system that provides timing signals to synchronize slave clocks in the workplace as part of a clock network. This time-keeping system is controlled by an accurate quartz crystal oscillator usually referenced to an external frequency standard such as MSF, which is part of a worldwide timekeeping system.

DATACENTER FACILITIES

A datacenter facility (comprised of computers, web servers, application servers, database servers, switches, routers, load balancers, wire cages, vaults, racks, & related equipment) is a critical part in a business operation for this is where a company's important digital data & information are stored, managed, processed, and exchanged.

We understand the huge concern for secured datacenter facility, thus we take great pains to meet client requirements and international industry standards and recommendations to ensure our datacenter facilities can manage the hurdles of security breach and other physical challenges.

Our datacenter services include:

- Assessment
- Consolidation
- Efficiency services
- Virtualization
- Optimization
- Hardware/Software installation & maintenance
- Power distribution management
- Backup power systems
- Data backup and archiving
- Load balancing management
- Controlled Internet access
- E-mail and messaging management
- User authentication & authorization management
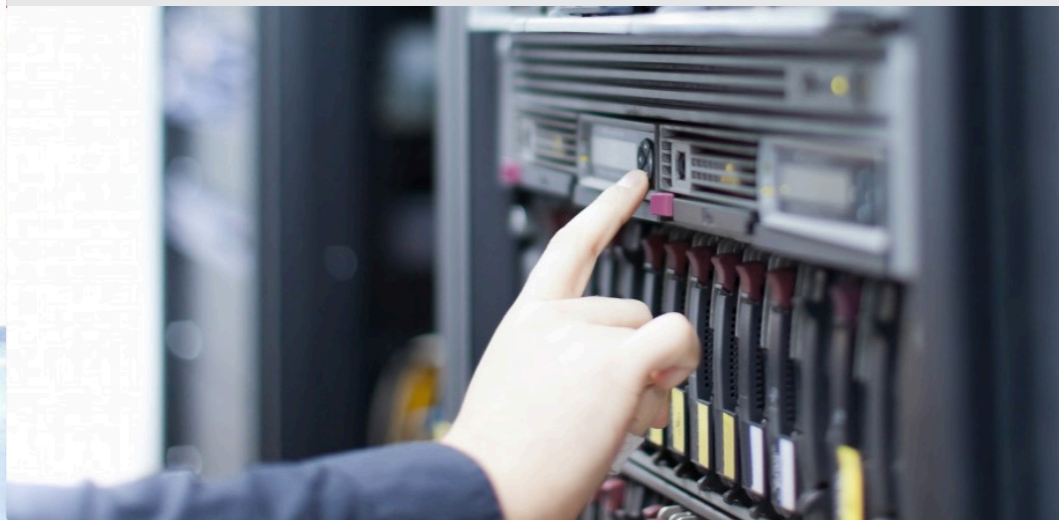- Technical support

LOW CURRENT

Our low current network services begin with a careful analysis of client requirements and drafting a comprehensive plan for a successful implementation. This strategy enables us to capture the whole essence of client's objective and requirements.

We provide services for the following Low Current Systems:

LOCAL AREA NETWORK SOLUTIONS

- Customized solutions according to client needs
- Manageable and safe LAN applications

WIDE AREA NETWORK SOLUTIONS

- ADSL, G.SHDSL, leased line, multiple location applications with wireless access methods
- Solutions with fast return of investment and reasonable costs

WIRELESS TECHNOLOGIES SOLUTIONS

- Alternative or backup applications to cable
- Infrastructures are compatible with 802.11a/b/g standards
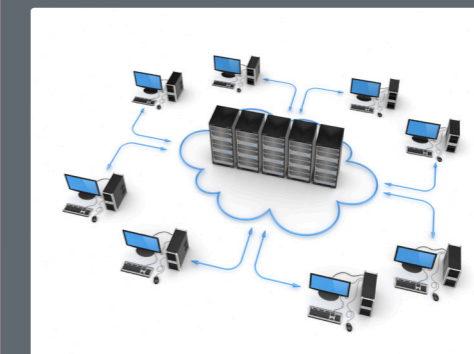- Outdoor and indoor location solutions

IP TELEPHONY SYSTEMS

- Specific software applications, alternative to traditional telephone central application
- Special solutions supporting SIP protocols
- WiFi IP telephony solutions working on wireless infrastructure

DIGITAL PBX SYSTEMS

- Scalable telephony solutions consist of analog, digital, IP and wireless systems
- Smart and manageable infrastructure that selects automatically the alternative lowest rate operator for cost-saving optimization
- Solutions that include flexible pricing and alternative products

BUILDING MANAGEMENT SYSTEM

- Design and implement Building Management Systems for the following areas: HVAC; plumbing; lighting; emergency power; and LC systems

DATACENTER AND SYSTEM ROOM SOLUTIONS

- Datacenter solutions supports international TIA 942 standards
- Raised floor, cabinet, safe entry-exit, and fire detection

ELECTROMECHANICAL SERVICES

"Products & services based on approved industry standards"

ELECTRICAL

Medium Voltage Systems
We handle the engineering, installation, and commissioning of medium voltage systems for industrial and commercial businesses. Our trained and qualified engineers and technicians have experience and in-depth knowledge of a full range of medium voltage systems like transformers, RMU, switchgears, cables and bus-bars, emergency power generators, and cable terminations.

Low Voltage Systems
Our low voltage service division has professional experience in different types of construction projects like residential and commercial buildings, hospitals, hotels, religious structures, and airports. The following are low voltage systems that we carry handle: power supply & distribution; lighting; earthing; emergency power generators; and UPS &central battery systems.

MECHANICAL

Heating, Ventilating and Air Conditioning Systems (HVAC)
We provide appropriate solutions on HVAC systems during engineering studies of residential, commercial or industrial HVAC systems. Our objective is to offer businesses alternative design options, energy-efficient systems, or product substitutions that would help reduce their building initial investments and operational costs without diminishing the quality and functions of our solutions.

We provide services for the following HVAC systems:
- Air Handling Units (AHU)
- Fan Coil Units (FCU)
- Cooling plants
- Cooling with seawater (condensing or cooling)
- Cooling/Heating with soil
- Variable Refrigerant Flow systems (VRF)
- DX cooling
- Water chillers
- Related air ducts & pipes
- Space cooling with air mist
- Ventilation
- Building Management System

FIREFIGHTING SYSTEM

We provide effective fire protection systems for residential, commercial and industrial sites, ensuring total safety and quality of our systems during engineering and installation stages. We recognize international standards on human safety, asset protection, and insurance concerns during engineering stage and application implementation.

We provide services for following firefighting systems:
- Sprinklers
- Fire hose cabinets
- Fire valves & accessories
- Integration with fire alarm systems
- Fire hydrants
- Electrical & diesel-driven fire-pumping stations
- Related piping
- Fire brigade connections
- Clean agents & FM200 fire extinguishing systems
- Water Mist Systems

TELECOMMUNICATIONS SERVICES

"Total lifecycle support for Microwave Radio Services in telecommunications"

In our fold are trained, qualified, and seasoned telecommunications engineers and technicians who install all types of equipment, and integrate new equipment seamlessly into clients' existing set-up. We have a single contact person for every client in every area to update client's regarding project development.

We provide services for the following:

- Installation/De-Installation
- Site maintenance
- Site modifications/Upgrades
- Custom engineering
- Reconfiguration, redeployment & refurbishment
- Microwave Radio Services

We provide assistance to businesses through our engineers and technicians who are capable of responding to client requirements such as relocating and upgrading any existing systems.

We provide complete support for the following areas:

- Microwave Communications System Engineering
- Complete deployment, installation, and commissioning of radios & other network equipment
- Tower services for installing microwave antenna systems
- Cell site clearing and relocation services
- Maintenance & Operation
- De-commissioning Services
- Project Management

PARTNERS

"The value of worldwide partnership"

In our effort to provide the most effective solutions on IT, electromechanical, and telecommunications industries, we at eTWaLL Technologies have built strategic partnerships with leading IT firms and telecommunications companies around the globe.

CLIENTS

"Investing on long-term business relations"

We at eTWaLL Technologies are proud to present some of our esteemed clients over the years.

CONTACT US

"Seize the future"

Let us help, contact eTWaLL Technologies...

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