



Infotech Profile

.....

An Engineering & Constructions Company

TSS Infotech

6576, Prince Nasir Bin Abdul Aziz Street | Riyadh 3235-13213, KSA

T : +966 11 291 0749 | F : +966 11 291 0750 | Web : www.tssecc.com | email : sales@tssecc.com

About Us

Established in India, 1989. TSSECC is a comprehensive engineering and constructions solutions provider that offers relevant cutting-edge technologies to enhance and optimize business capabilities world-wide.

TSSECC prides itself with a growing number of clients from different market sectors that enjoy an improved value streams in their respective fields of business.

It has grown over the years, carving a consistent and impressive record of business growth.



TSSECC

Driven By Expertise. Backed By Culture

TSSECC is offering world class low current solutions, Information Technology solutions, automation solutions across various platforms, applications and verticals.



Banking



Education



Healthcare



Government



Real Estate



Retail



Oil & Gas



Industry

Our Presence

TSSECC is operating and continuously expanding its global operations, it is having its sales and operational offices in the following countries :

- Kingdom of Saudi Arabia
- United Arab Emirates
- India
- Qatar

Technology Partners



Our Services

Strategy & Assessment

Every business has a vision for the future. But if your IT and infrastructure don't reflect that vision, how far



can you expect to go? Planning and strategy are essential in an era of rapid growth. It identifies your strengths. TSSECC Infotech can help you develop technology that matches your potential.

Design



TSSECC Infotech provides design service through specialized engineers, designers, and draftmen who are highly skilled with huge experience and supported by Technology partners.

Integration

Simplify the deployment of new technology into your environment with TSSECC Infotech's IT Integration Services. Count on our



certified technicians to perform a wide range of services from software imaging and hardware configuration to complex builds of rack servers and networks in TSSECC Infotech's state-of-the art labs.

Implementation

One of the most daunting phases of a technology transition is the time it takes your people to get comfortable again. Productivity can take a serious hit if your best employees abandon mission-critical objectives to "get to know" new equipment / software and establish new routines. TSSECC Infotech minimizes that transition with a multi-phased, IT systems / software implementation plan.



Management

Complex systems, demanding users, overworked personnel and shrinking budgets can make managing your IT infrastructure



overwhelming. While you may have the expertise to manage all of this yourself, the time and resources required can easily distract you from business-critical issues. Partnering with Insight is the win-win solution you've been looking for.

Warranty & Maintenance



TSSECC Infotech's Warranty & Maintenance team provides expertise to select the plan that is right for you, plus

we go behind the scenes to register our plans and ensure you receive all the required documents.

At TSSECC Infotech, we work with our clients to responsibly repair and replace faltering technology. Our centralized asset removal, refurbishment and redeployment services allow us to make rapid repairs.

Staff Augmentation



TSSECC Infotech's IT Staff Augmentation service is perfect for these occasions and more. We'll help you tackle a wide range of projects, large and small, with highly-skilled and experienced IT consultants.

Application Support
CCNA Certified Prof.
Programming Prof.
BICSI Certified Prof.
Business Analysts

IT Project Managers
Windows Administrators
Unix Administrator
Network Administrator
Database Administrator

ICT - Networking Solutions

Datacenter Setup, Backup & Disaster Recovery



TSSECC Infotech team of specialists provides design, construction, and maintenance for

Datacenter Facilities, which is vital to success of any project as a datacenter serves as central file storage where data and information are managed. Using international industry standards and recommendations, We also provided datacenter Backup & Recovery Solutions and Datacenter Disaster Recovery Solutions.

Structure Cabling and Infrastructure Solutions

It is one of the most commonly overlooked, but most important parts of network infrastructure.



Without proper cabling your network can not run at its full potential. Even with the best equipment in place, improper data cabling can cause network problems like increased latency, unnecessary packet retransmission that causes network congestion, data corruption, and crosstalk to name a few. Improve productivity, reduce costs, and increase flexibility with a properly planned and implemented structured cabling solution from TSSECC Infotech.

IP Telephony Solutions



This particular service includes family of technologies, methodologies, communication protocols, and transmission techniques for the delivery of voice communication and multimedia sessions over Internet Protocol (IP) networks, such as the Internet.

IPTV, MATV and Video-On Demand Solutions



This is a system through which Internet television services are delivered using the architecture and networking methods of the

Internet Protocol Suite over a packet-switched network infrastructure.

Network Security Solutions

Network Security Solutions enable business to be conducted securely and privately even over



the Internet and over local network as well. Comprehensive information security should be compromise as well as products and solutions in the IT security field that can comply with the highest levels of confidentiality, and is based on the organization's strategic considerations and its structure.

Wireless Communication Solutions

Network Wireless Communication System offers the most innovative network infrastructure



solutions that enabling you to deliver ultra-high speed connectivity between distributed sites and centralized points.

Wireless technology not only provides another approach to solve existing challenges, it can deliver new capabilities not possible or practical with other methods.

Enterprise Hardware Computing

Data is very critical to any business and as your business grows so does the data it produces That's why our server and storage capacity planning exercise is always driven by your application-specific resource requirements of today and the near future.



A/V Solutions

Video Conference Solutions

We offer complete video conference solutions that promise an exclusive visual experience.



From virtual meeting rooms and web conferencing to mobile solutions, we have a solution for every need. Our visual collaboration tools will help you to boost your business and get your ideas across. Corporate firms, educational institutions and several other organisations enjoy the captivating process of video conferencing along with application sharing for better engagement and total collaboration.

Desktop Videoconferencing, Executive Systems, Telepresence, Enterprise Connectivity, Mobile Solutions, Education, Healthcare, Industrial Solution, Small and Medium Business and Web Conferencing

Audio Conference Solutions



We facilitate million of decisions every minute with the power of voice.

With the right audio support we help you to take better decisions. Exceptional audio conferencing products and sound technologies help optimise your performance in clear sound. Whether you need a conference phone for an audio meeting or a more sophisticated system TSSECC has the expertise to design and integrate the right audio solution that will suit your business needs. Choose from a wide selection of audio conferencing products ranging from wireless conference phones, IP based conference phones to digital conferencing solutions.

Traditional Wired or wireless Audio Conference Systems, Wired or wireless HD Digital Audio Conference Systems with encryption, Conference solutions with VOIP and telephone integration Interpretation Systems

Audio Solutions



TSSECC Sound Engineering combines the very best audio & video manufacturer brands with deep industry

expertise and a broad range of capabilities. Regardless of size, scope or architectural design, you can feel confident in relying on TSSECC's excellence. Our audio solutions are applicable to various areas such as Classrooms & Training Centers, Studio, Broadcasting Centers, Large Venues and Auditoriums.

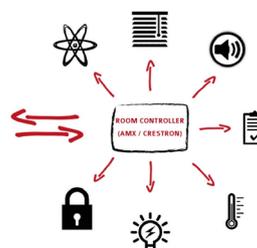
Video Solutions

Our range of Video Solutions include Videowalls, Projectors, Intereactive and touch display screens and digital signage system



Our range of Video Solutions include Videowalls, Projectors, Intereactive and touch display screens and digital signage system

AV Room Control



We will be able to equip you with a simple and reliable platform for controlling your audio and video conferencing equipment including

Lighting, Screens, Displays, Audio Volume, Blinds, Environmental fixtures To ensure your video conference runs seamlessly from start to finish, we can help you maximise the communication experience by automating and controlling an existing Cisco video conferencing system such as MX or SX ranges along with:

Audio Visual Equipment such as projectors, projection screens, DVD players, microphones, cameras and speakers.

Environmental controls like HVAC, window treatments and lighting presets.

Computers and Internet access.

Low Current Systems

Fire Alarm and Firefighting Solutions



An automatic fire alarm system is designed to detect the unwanted presence of fire by monitoring environmental changes associated with

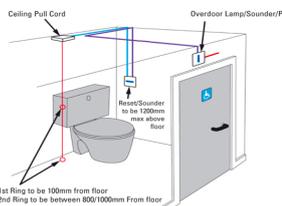
systems to control the spread of fire and smoke.

Nurse / Attendant Calling System

It allows patients in health care settings to alert a nurse or other health care staff member remotely of their need for help. When the button is pressed, a signal alerts staff at the nurse's station, and usually, a nurse or nurse assistant responds to such a call.



Disabled Alarm System



Disabled Alarm allows a distressed person to raise an alarm in the event of an emergency. To operate, the user

simply press a button or pulls the cord of a ceiling pull unit to activate a light and sounder outside the WC. Alarm can be send central monitoring.

Public Address / Voice Alarm System

It is one of the elements of security in modern public buildings. It is possible to quickly broadcast information



during a fire, bomb alert or other emergency and to effectively control the evacuation process of people in dangerous areas of the building. The core operation of the PAVA is public address announcements, broadcast The detailed technical and design requirements for PAVA have been determined by EN54 regulations

Physical security solutions



TSSECC provides unified physical security solution that includes various systems such as CCTV, access control, intrusion alarm and building management systems. Features such as remote monitoring and intelligent analysis provide significant opportunities for reducing overall security risks. We build systems for the customers by combining both hardware and software products from multiple vendors and suppliers worldwide.

Master / IP Clock System

A master clock is a precision clock that provides timing signals to synchronize slave clocks as part of



a clock network. The master clock 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.

Intercom Systems

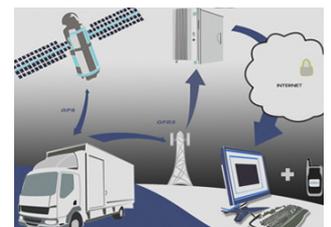


Intercom system ensures the protection of the site. With the use of an intercom, you can see or hear who is at your door before deciding

to let them in, increasing security and improving communication. Intercoms are ideal for buildings that are often frequented by visitors.

Tracking Systems

TSSECC Infotech works closely with leading Barcode, RFID, Smart Card, GPS and Biometric systems integration



and solutions providers including hardware, software, tags and related services, to enable comprehensive solutions that meet the specific needs of individual companies.

Internet of Things (IoT) Solutions

Continuous Monitoring System

TSSECC IoT will solutions based on sensor networks that guarantee maximum measurement accuracy. The intelligent data analysis and its integration with other applications offer a valuable tool for the optimization of processes and resources that contribute to sustainability. This has been used widely in commercials and industrial premises.

Use Cases :

- Access Monitoring
- Agricultural Monitoring
- Apartment Property Management
- Art Gallery Light and Temperature Monitoring
- Bank Owned Property Monitoring
- Bed Bug Extermination Monitoring
- Beer Cooler Temperature Monitoring
- Boat Bilge Pump Monitoring
- Boiler Temperature Monitoring
- Cold Chain Monitoring
- Cold Weather Protection
- College Dormitory Monitoring
- Commercial Plumbing Monitoring
- Commercial Property Monitoring
- Commercial Refrigeration Monitoring
- Construction Equipment Monitoring
- Convenience Store Management
- Crawl Space Monitoring
- Dairy Cooler Temperature Monitoring
- Data Center Temperature Monitoring
- Deli Food Cooler Temperature Monitoring
- Environmental Monitoring Solutions
- Facility Monitoring
- Farm to Fork Monitoring
- Fleet Management
- Food Service Temperature Monitoring
- Foreclosed Property Management
- Frozen Pipes
- Greenhouse Monitoring
- Grocery and Cold Chain Monitoring
- Heating and Cooling System Monitoring
- Ice Maker Temperature Monitoring
- Ice Freezer / Cooler Temperature Monitoring
- Industrial Pressure Sensors and Monitoring
- Inventory Tracking
- K9 Unit Temperature Monitoring
- Laboratory Monitoring
- Life Cycle Monitoring
- Livestock / Cattle Tracking and Monitoring
- M2M - Machine to Machine Solutions
- Medical Refrigerator Temperature Monitoring
- Mobile Refrigeration
- Morgue Temperature Monitoring
- Mortuary Cooler Temperature Monitoring
- Museum Light Exposure Monitoring
- Organ and Tissue Transplant Cooler Monitoring
- Parking Garage Monitoring
- Pet Kennel Temperature Monitoring
- Pharmaceutical Refrigeration Temperature Monitoring
- Production Line Monitoring
- Refrigerated Trailer Temperature Monitoring
- Remote Monitoring For Business
- Remote Property Monitoring
- Remote Second Home Monitoring
- Remote Temperature Monitoring
- Rental Tool and Equipment Tracking
- Resort Boiler and Water Heater Monitoring
- School Cafeteria Cooler Temperature Monitoring
- Server Room Temperature Monitoring
- Service Verification Tracking and Monitoring
- Smart Power Monitoring
- Storage Unit Monitoring
- Street Light Monitoring
- Structural Monitoring
- Student Housing Monitoring
- Sump Pump Monitoring
- Supermarket Food Temperature Monitoring
- Temperature Monitoring
- Toilet Water Leak Notification
- Traffic Monitoring
- Utilities Monitoring
- Vacant Property Monitoring
- Vacation Home Monitoring
- Vehicle / Traffic Counting
- Walk-In Cooler Temperature Monitoring
- Warehouse Monitoring
- Wastewater Monitoring
- Water Heater Monitoring
- Water Leak Detection
- Wine Storage Monitoring



Automation Systems

We provide integrated and customized solutions for commercial, industrial and automation processes. These solutions are achieved by strictly choosing the products of major manufacturers in the automation industry. Our major commissioned projects over the past decade are in the power sector, oil and gas, water desalination, water and waste water treatment, and building automation systems.

TSSECC specializes in electrical automation engineering and sales, which offer a wide range of Automation Solutions, Services & Components Like DCS, SAS, CCMS, SCADA, BMS, Telemetry Systems PLC, DDC, RTU, HMI Systems, Medium Voltage and Low Voltage Motor Drive Systems, Leak Detection Systems, Condition Monitoring, Instrumentation, Measurement Solutions, Electrical and Data Enclosures.

Our automation division specializes in several control industries such as:

- Power and Energy
- Transportation
- Water / waste water treatment
- Water Transmission pipe lines
- Batching (consumer products)
- Mining and metals
- Oil and gas Irrigation systems
- Construction and Mixing machines

SIEMENS

**Rockwell
Automation**

EasyIO®

Danfoss

**PHOENIX
CONTACT**



Lighting System

We offer top quality rigging and lighting services for theatres, schools, churches, convention centers, studios, and almost any other entertainment related venue. We specialize in all aspects of rigging and lighting equipment; from sales and installation, to systems integration, safety surveys, and renovations.

Rigging

Lighting, distribution, rigging and drapery system installations are unique environments. Designing them, or even completely renovating existing ones, requires ingenuity and a thorough understanding of the systems and equipment available. That's why we work closely with the major manufacturers of theatrical lighting and rigging systems and are a preferred installer. And that's also why our design team can provide you with innovative, state-of-the-art, full-service answers to your specific needs.



Lighting

We understand the importance of perfect lighting for all scenarios delivering professional solutions for architectural lighting control, dimming systems, stage lighting and more.



From dimming systems for buildings to single room applications we cater to every unique lighting control requirement. Enjoy programmable lighting presets that can be accessed using user-friendly interfaces that cater to an array of lighting techniques in an office or home environment. Each of these "custom-programmed-lighting-presets" can be designed to quickly adapt to different lighting scenarios such as in presentations, video conferencing, movie viewing etc. When our dimming systems are paired with occupancy or motion sensors, they can automatically turn the lights on or switch them off depending on the occupancy of the room, thus drastically reducing energy consumption.



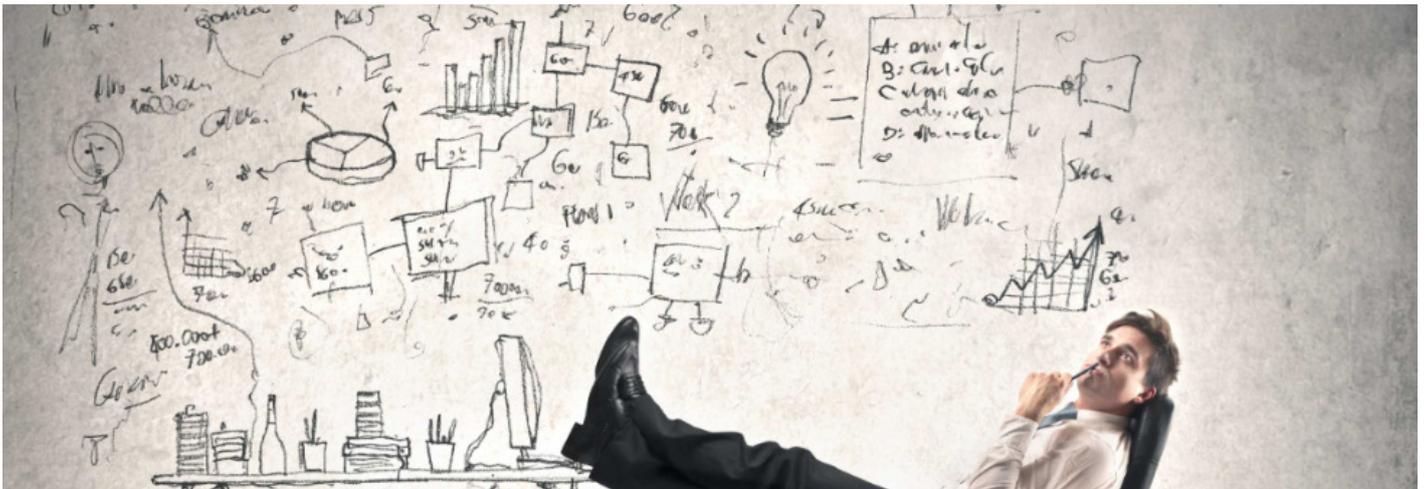
We also design and implement stage lighting for events, theatres and in-house lighting applications. We offer a wide selection of stage lights, DMX lighting controls, moving lights and generic lighting-by lighting industry professionals.

Our Lighting Control and Solutions:

- Architectural lighting, dimming and control
- Stage Lighting and Control
- DMX Control System

Our Solutions - Software

Custom Application Development



TSSECC Infotech's established processes, proprietary methodologies, proven IT development model and rigid Quality Management Systems reduced development cost, reduced time to market and guarantee utmost quality and cost-effective solutions to our clients. TSSECC's Application Development Services includes:

- ▶ Product Development
- ▶ Customized Development
- ▶ New Application Development
- ▶ Rapid Application Development
- ▶ Testing
- ▶ Porting
- ▶ Base Technology Enhancement
- ▶ Code Perfection
- ▶ Product Sustenance
- ▶ Product Help Desk or Support

Application Implementation



TSSECC Infotech provides a blended approach to implementing software packages, including technology, methodology, and project management. We build strategic solutions that address our clients' specific needs, provide them inherent value and ensure that their solution aligns to their business goals. We will ensure you the following during our software application implementation :

- ▶ Increase the speed of implementation with installation support and guidance
- ▶ Educate and train your whole organization
- ▶ Seamlessly integrate new applications with existing systems
- ▶ Get reliable guidance throughout implementation and rollout phases
- ▶ Align teams and departments with Solution Definition Workshops



KSA OFFICE

6576, Prince Nasir Bin Abdul Aziz Street, Riyadh 3235-13213

T : +966 11 291 0749 | F : +966 11 291 0750

E : sales@tssecc.com

India Office

No. 15/18 Salaiyam Street | Tuticorin, Tamilnadu 628907

T: +91 4638 233454

E : sales@tssecc.com

UAE Office

B.C. 1303713, 1st Floor, AFZ Building 1, Ajman

T: +971 6 740 4977

E : sales@tssecc.com