



SERVICES DESIGN TECHNOLOGY International



Audio Visual, Information Technology
and Low Current Services



AV, IT and Low Current Services

SDT offers a wide-ranging variety of professional services to AV, IT and Low Current operators. We understand the requirements and offer projects of all sizes and kinds ranging from feasibility studies to detailed design to supervision.

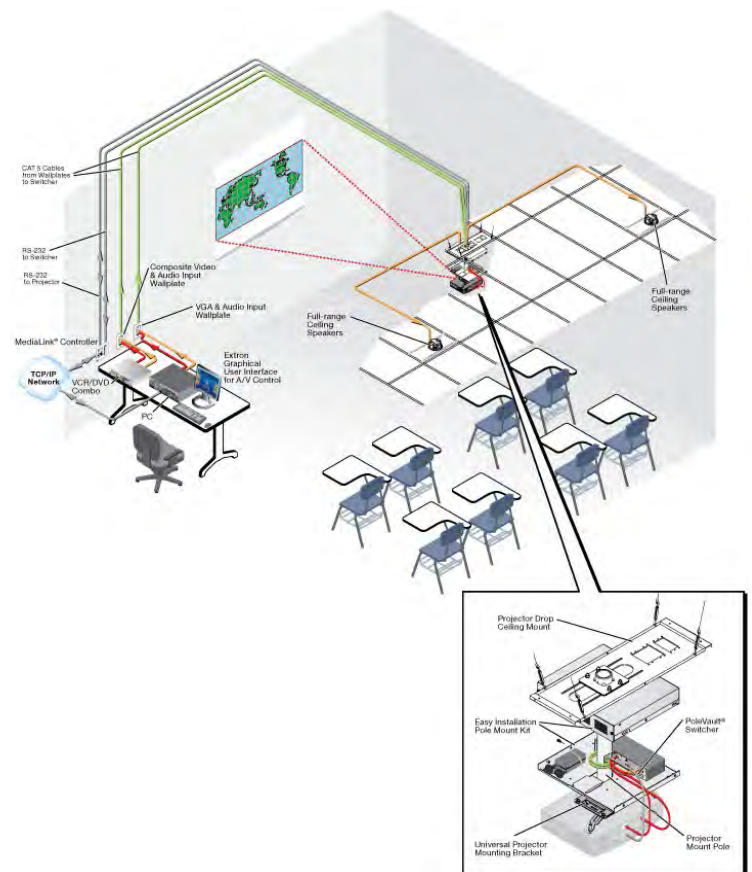
Our technical expertise covers all phases of service and includes:

- Audio Visual (AV) Services
- Information Technology (IT) Services
- Low Current Services

We are the leaders in the industry with respect to alliance and other relationship-based contracting approaches due to our capability of collaborating effectively.

SDT combines its different services to develop quality solutions. This is because social and cultural vivacity is formed through sustainable, liveable, and dynamic buildings.

Our services are modified according to the clients' project and budget requirements.





SDT - Leaders in Audio Visual Integration

SDT is a leading Audio Visual Integration company servicing the Hospitality, Education, Medical, Corporate and Government sectors. Our services range from designing AV systems through to project management.

Founded in 1991, the company has always been among the first to apply new technology. SDT create tailored Audio Visual solutions to suite each project.

With over 22 years of experience in AV designs and working on complex AV projects across the region, SDT has developed a reputation that is unsurpassed in the industry.

Our AV Services

- Background Music Systems
- Control Systems
- Conference Room Systems
- Presentation Systems
- Video Projection Systems
- Video Conferencing Systems
- Digital Signage Systems
- HDTV Systems





Audio Visual Design Services

SDT is independent when it comes to equipment selection and partners for our projects. Our philosophy is to select the most appropriate technology, regardless of the manufacturer, offering the most value for the client's investment. SDT have created a long-term partner network with the best manufacturers and this ensures our clients always receive the best solutions and expertise.

SDT is well positioned to handle the requirements of any project and our expertise has been demonstrated in many diversified areas:

- Hotels
- Boardrooms
- Universities
- Control Rooms
- Class Rooms
- Training Rooms
- Lecture Theatres
- Houses of Worship
- Court Rooms
- Public Display Areas





At SDT we listen to our client's needs,
developing and refining their
requirements.





AV Design and Consultation

Our greatest resource is our many years of Audio Visual experience; our hands-on knowledge from several AV projects will save our clients time and money by providing cost effective and custom solutions to meet their needs.

SDT provides design services for Audio Visual Integration, Video Conferencing, and Digital Signage Solutions. Comprehensive in-house CAD facilities are utilised to provide sophisticated design and documentation services.

Technical specialists are available to meet with clients, consulting engineers, architects and other professionals in the preparation of design and tender documentation.

At SDT we listen to our client's needs, developing and refining their requirements. Through collaboration we develop a working solution designed to achieve their outcomes.





IT Infrastructure

At SDT we have developed the IT Infrastructure of leading clients in different sectors. Our strength comes from years of experience in the consultancy and implementation of global IT solutions from setting strategy to designing and implementing full solutions.

Our services

- Main Distribution Frame Design (MDF)
- Intermediate Distribution Frame (IDF)
- Telephony (analogue/digital/VOIP) Infrastructure
- Communications Infrastructure and cabling
- Electronic Signage Data Infrastructure
- Data Center Planning
- Voice Data Cabling Design
- Wireless Applications
- Peer Review Drawings





Networking and Telecommunications

Through the implementation of many complex, multisite, and multinational large projects, SDT has proven a high level of expertise in the networking & telecommunication sectors.

Network Cabling Infrastructure

Extensive expertise in design and deployment of structured cabling infrastructure for Voice and Data, as well as any IP communication: Copper network and fiber networks, inside building and main incomers as well as Passive Optical Networks (PON) complete solutions.

Telephone Solutions

Extensive in depth knowledge in designing complex telephone solutions like conventional systems, IP Telephone systems, Hybrid Systems, etc. We can design the most complex convergent multi-application telephone solution.

Network LAN, WAN and WLAN

Multiple expertise in designing network solutions for LAN, WAN and WLAN with multiple vendors: Building, campus and metropolitan networks and wireless voice and data networks.

Network Security

Capability in designing and implementing full network security solution from firewalls to intrusion prevention with all the appliance based security solutions needed for a fully secured LAN, WAN and WLAN networks.



UPS and Cooling Systems



We have been in the business of ensuring power continuity to our clients. We know the outcome of power breaks and how it can affect operations, services, clients' loyalty, costs and business results.

At SDT we have an extensive experience power & cooling solutions by our robust team who developed the right expertise, we can help evaluate our client's needs, propose the right sized solutions and implement / improve the critical power & cooling infrastructure.

Our team expertise covers the implementation and support of:

- Uninterruptible Power Supplies (UPS) ranging from 400 VA to 4,800 KVA
- Electrical Power Distribution & Control
- Precision Air Conditioning solutions: In-room, in-rack and in-row options





Hospitality (Hotels)

SDT believes in vertical market specialization, and one of its business units is specialized in offering IT solutions to the Hospitality sector.

SDT hospitality team groups professionals and consultants with industry specific experience, having worked in restaurants and hotels for several years. They know the operational side of your business, they master our solutions and they have the right technical expertise. They give you the support you need with such combined skills.





Data Centers IT Design

The data centre has become a critical component in all types of organisation. It must be suitably planned and designed so as to allow sufficient guarantees of quality, efficiency and service continuity, regardless of the dimensions and the sector in which it operates.

Electrical power distribution systems are fundamental infrastructure for most production processes, and IT infrastructures contribute to determining their performance, for example in terms of safety, reliability and ease of maintenance. Reliability, availability and ease of maintenance are the main characteristics in our IT designs.

At SDT we are capable of designing a data centre, which includes:

- Network server
- Calculation and network infrastructure (copper/fibre cabling, equipment)
- Network operations centre (NOC), including communication and monitoring
- Electricity distribution and generation systems (UPS, generators)
- Electrical power panels with overcurrent and overvoltage protection
- Lighting systems
- Earthing systems
- Environmental control, ventilation and air conditioning systems
- Fire extinguishing systems
- Access control
- Equipment cabinets and enclosures
- Ducting, floating floors, suspended ceilings



SERVICES DESIGN TECHNOLOGY International

About SDT

SDT international was established in 1991 as an engineering consultancy company that provides comprehensive range of services in the Structural, Mechanical, Electrical, Infrastructure, Environmental and Plumbing design.

For the past 22 years, we have been a pioneering force in the planning, design and implementation of development projects in the Middle East and UK.

With five offices in five countries, we employ high caliber specialized engineers capable to apply innovative approaches to design and deliver practical and cost effective solutions.

UK . Lebanon . KSA . Qatar . Dubai

www.sdtconsultant.com



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Appendix A – Our Previous Projects



Client: H.H Hamdan Bin Zayed Al Nahyan

Date: 2009-2010

Location: Jumeirah, Dubai

Design &
Audio Visual Consulting

AL BATEEN HOTEL

The Project

The project involves construction of 2 towers. Tower 1 comprises of 2 basement levels, a ground floor and 52 additional floors and Tower 2 comprises 2 basement levels, a ground floor and 25 additional floors offering 430 flats both connected by 2 podium levels. Amenities will include retail shops, a restaurant, coffee shops, health centre and 2 swimming pools.

Our Role

The Al Bateen Residence & Hotel Tower is a project focused on sustainable practices established for the UAE by their Department of Environment, Health, and Safety.

SDT helped with the Audio Visual (AV) design and the Information Technology (IT) designs for the hotel part of the project.

Our experience specialists went to the next level with their AV design due to the clients additional requirements for luxurious services that the hotel provided. On the other hand, we were able to minimise the projects costs by designing effective solutions.

Services

- Audio System
- Background Music System
- Projectors in Meeting Rooms
- Main distribution frame
- Telecommunications infrastructure

The Results

We have completed the project successfully, on time and within the allocated budget. Our Audio Visual solutions impressed our client along the current customers.



SERVICES DESIGN TECHNOLOGY INTERNATIONAL



Client: DAMAC Properties Co. LLC

Date: 2010

Location: Beirut, Lebanon

Audio Visual Design

DAMAC TOWER

The Project

The 28-storey DAMAC Tower is situated at the heart of Beirut Central District. It stands unrivalled, having won the world's most prestigious property award for 'Best High Rise Architecture.'

Designed to epitomise living in a luxury apartment through a unique partnership with world renowned Italian designer - VERSACE Home, each Beirut apartment boasts the finest fixtures and fittings with a choice of stunning contemporary design.

Our Role

SDT completed the Audio Visual design of DAMAC Towers, and investigated the construction and operation of the project as a whole.

The background music system and speakers specification and locations were designed for high quality sound output.

We used DMX system to control the AV equipment. The system was flexible and the Hotel operator is able to expand on the system easily and without any trouble.

Services

- Audio System
- Background Music System
- Projectors in Meeting Rooms
- Main distribution frame
- Telecommunications infrastructure

The Results

We have completed the project successfully, on time and within the allocated budget. Our Audio Visual solutions impressed our client along the current customers.



SERVICES DESIGN TECHNOLOGY INTERNATIONAL



Client: Jnah Development

Date: 2008 - 2010

Location: Hamra, Lebanon

Audio Visual and
Information Technology Services

GOLDEN TULIP HOTEL

The Project

The building is located in the heart of the Hamra. It is 8 story building including 148 guestrooms, 18 suites, Executive floor. Business center with high speed internet connection than can accommodate up to 20 persons for meeting, all are equipped with complete professional sound system, wall-mounted projector screen. Covered car parking for 200.

Our Role

We designed the latest AV and IT technologies at the time of the project. Our specialists worked closely with the equipment suppliers and were able to put all the components together to produce a genuine solution and complete system.

In this project we diverse our experience in all areas of audio, video and control. We have also have a proven to track record of timely project completion, as we were ability to work effectively.

Services

- Audio System
- Background Music System
- Projectors in Meeting Rooms
- Main distribution frame
- Telecommunications infrastructure

The Results

We have completed the project successfully, on time and budget. Our Audio Visual solutions impressed our client along the current customers. As for the IT designs, we were able to produce a reliable solution that is flexible and expandable in a simple way.



SERVICES DESIGN TECHNOLOGY INTERNATIONAL



Client: IDEA

Date: 2007 - 208

Location: Beirut Central District



Client: IDEA

Date: 2007 - 208

Location: Beirut Central District

The Project

The Lebanese Parliament Building was built in 1900. The building has suffered a lot of damages during the Lebanese civil war between the years 1975 to 1982.

The Building was restored in 1982 and outfitted with the present furniture, so it has been around 28 years since the last restoration of this building, although some routine maintenance on its facilities, the Lebanese Parliament Building has become is inappropriate to receive official delegations or even to hold international conferences under its wings.

The Lebanese Parliament is composed of two Basements, ground floor and three upper floors. The estimated total construction area is around 6,500 m².

Our Role

Our scope consists of full Audio Visual for re-design and renovation of the Parliament Building in addition to the refurbishment of the Deputies Building.

We worked closely with the client to meet their requirements. We produced designs that can meet with the latest technologies.

The Results

Our AV design to the parliament building was a serious approach to the ideal solutions and most cost effective. The system was high tech that is able to interface with TV broadcasting equipment.

Our Design was recognised as an international design.



SERVICES DESIGN TECHNOLOGY INTERNATIONAL



Client: Sheffield Real Estate

Date: 2011 - 2012

Location: Marina, Dubai

AV, IT and Low Current Design

MARINA 101

The Project

Dream Dubai Marina is a 101 storey, 432 m (1,417 ft) supertall skyscraper in Dubai Marina, Dubai, United Arab Emirates. While originally scheduled for completion in 2012, as of January 2013 it is still under construction and the completion is now expected by the end of 2013, and opening in 2014.

The first 32 floors of the skyscraper will have a 5-star hotel, while the floors from 34 to 100 will be furnished apartments. Apart from five restaurants in the hotel tower, there will be 252 one, 204 two and 42 three-bedroom apartments with eight penthouses from the 97th to the 100th floor. The skyscraper will have 324 hotel rooms and 516 residential units.

Our Role

We were responsible for the Audio Visual and IT design for the hotel section of this project. We worked closely with the client to meet their requirements. We produced designs that can meet with the latest technologies.

We design separate AV systems at the main entrances, balconies, ball and meeting rooms

The Results

Our AV and IT designs to MARINA 101 were a serious approach to the ideal solutions and most cost effective.



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