




# ***COMPANY PROFILE***



**BIG Trading & contracting** is a Solution provider and System Integrator operating in Qatar providing the complete end to end Telecommunication and ELV solution in the field of

- ❖ Healthcare Industries
- ❖ Education
- ❖ Hotel Industries
- ❖ Oil & Gas Industries
- ❖ Energy & Power Utilities
- ❖ Aviation & Transportation
- ❖ EPIC Projects and Upgrade Projects

## ABOUT BIG NETWORKS

### SINGLE WINDOW FOR INTEGRATION

The uniqueness of BIG Trading & contracting is that it offers a single window solution for all your requirements. Your requirement may need different electronic systems from various vendors employing unrelated technologies. You can find all your office systems work together through our thoughtful integration process and it fetches bunch of benefits to your company

### RESOURCES

BIG Trading & contracting comprising of highly skilled engineers with industry wide experience, can contribute to achieving high quality and affordable solutions. They excel in various commitments like Engineering design, System Integration, Installation, Technical Support and Operation & Maintenance

### LOGISTICS

Shortest Delivery Time and High Quality of Service in every moment is our aspiration.

OUR SERVICES

Consultancy  
Services

Engineering

Project  
Management

Technical Support

Products & Cables  
Sales

Training

ON

Telecom solutions

IT solutions

Cabling solutions

ELV systems

AV systems

Automation  
system



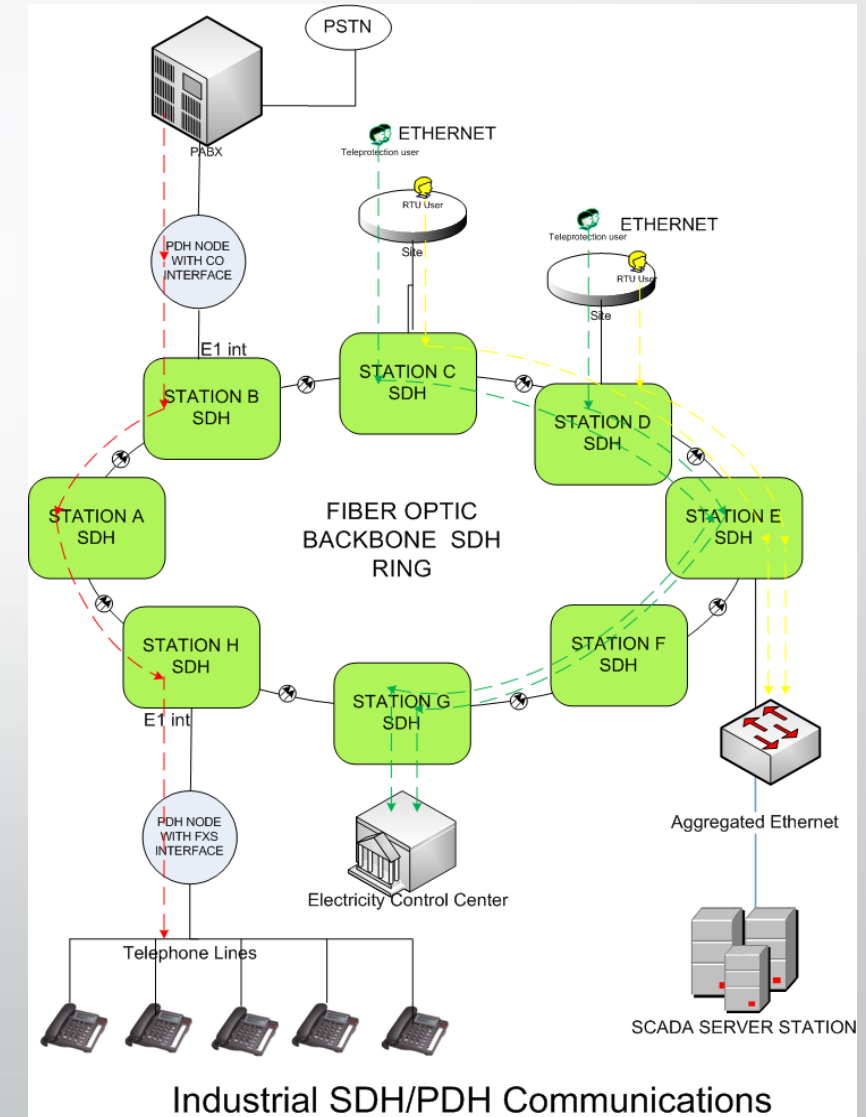
## TELECOM SOLUTIONS



In Big Security Networks, we develop secure efficient and effective Telecom solution to fit all industries.

Being valid partner with Avara's systems, BIG Telecom solutions with DynaFlex product family is a flexible, fully featured, multiservice node with powerful cross connect & protection capabilities, interoperable and compatible with the Nokia Dynanet & Siemens' FMX-2 products.

With the support for a wide range of interfaces like POTS, SCADA, Ethernet, Serial Data and Tele-Protection, the DynaFlex platform is an ideal choice for providing mission critical TDM services over PDH, SDH or Ethernet based packet switched networks





## Avara Technologies

### DYNAFLEX MULTISERVICE

- DB<sub>4</sub> Multiplexer
- DXC Cross connect
- Interface Cards
- SDH Transport
- Gbe Transport
- Optical Transport
- Ethernet Switch

### ETHERNET ACCESS

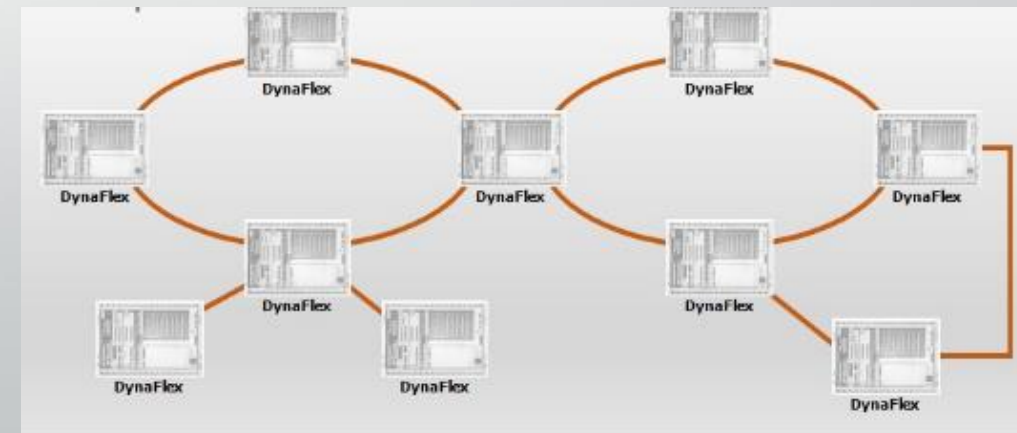
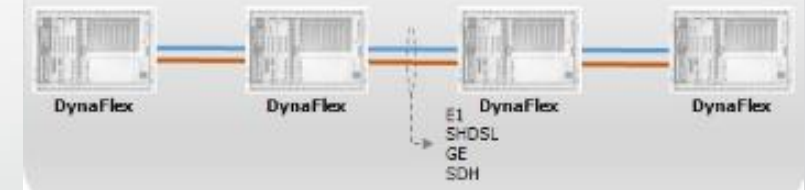
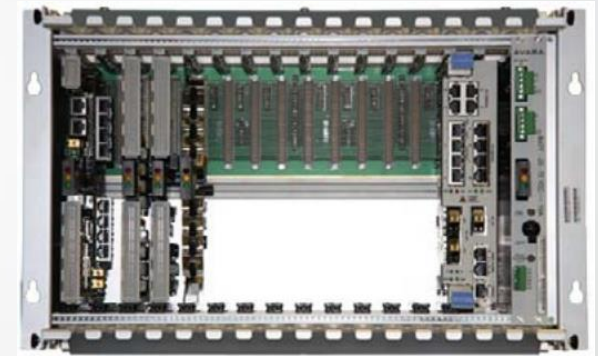
- Ethernet Over TDM
- Ethernet Over Fiber
- TDM Over Ethernet

### VOICE & SERIAL PRODUCTS

- Optical Access Point
- Point to Point
- Ring Network

Together with the extensive Ethernet switching functionality supported, the DB<sub>4</sub> is an ideal solution for mission critical networks where deterministic timing, low jitter and predictable switching times are necessary.

### DynaFlex Multiplexer



### Nokia DWDM Equipment

Support next-generation DWDM multiservice, multilayer P-OTN transport with the Nokia 1830 Photonic Service Switch (PSS)

The 1830 PSS portfolio helps you optimize optical networks to meet unpredictable traffic demands. Our platforms provide efficient transport at any scale, from compact access to the converged Optical Transport Network (OTN)/DWDM core. They support a wide range of applications and services, including:

- Metro and long-haul transport
- Broadband backhaul
- Data center interconnect
- Multicast video
- Carrier Ethernet
- Wavelength services



## Industrial LAN Communication

BIG Networks experience in connectivity for industrial automation enables to optimize communication and collaboration between multiple systems with various processes. We deliver innovative, efficient, and reliable solutions to establish the infrastructure networks with utmost secure and reliability.

### MOXA

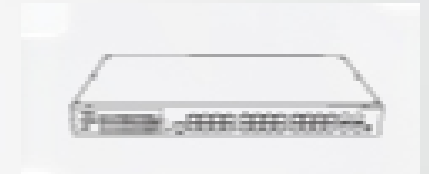
- Ethernet Media Converter
- Wireless AP/Bridge/Client
- Secure Routers
- Serial Converters
- Protocol Gateways
- Controllers & I/O s

### OTS

- Ethernet Media Converter
- Ethernet switches
- Optical Switches
- POE Injectors and Splitter
- POE Media Converters

### RUGGEDCOM SOLUTIONS

- Layer 2 switches
- Layer 3 switches and routers
- Media converters and serial servers
- Wireless





## Voice Communication (Analogue & IP Telephony)

BIG Networks will establish the error free network on a simple voice-only solution, or a VoIP product that is embedded within a larger unified-communications suite.

Think about which type of solution will best serve your business needs.

Being a system integrator and Telecom expert, BIG has tremendous networking capability in voice communication on both Analog and VoIP.

### ANALOGUE

- PABX
- Hotline
- Industrial Telephone

### VoIP

- Cisco Unified communication
- VoIP Communication
- Video Conferencing

### RADIO

- UHF/VHF Radio
- Ethernet/ E1 radio
- WLAN Radio
- Tetra Radio



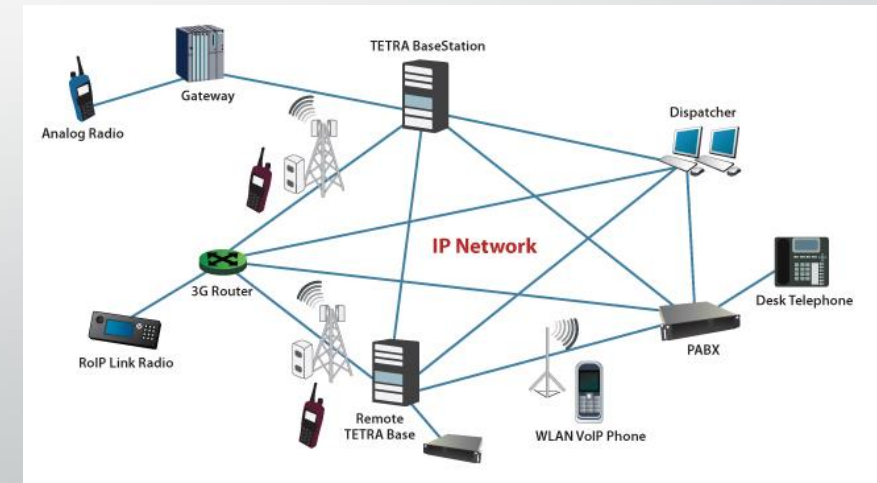
## TELECOM SOLUTIONS

### Voice Communication- RADIO systems

BIG offers complete REDLINE radio communication to Deliver voice, data and video for all your business and operation applications in onshore and offshore.

People, machines, vessels, helicopters and drones on the move can all connect to legacy and new digital transformation applications via a secure, private standards-based LTE network.

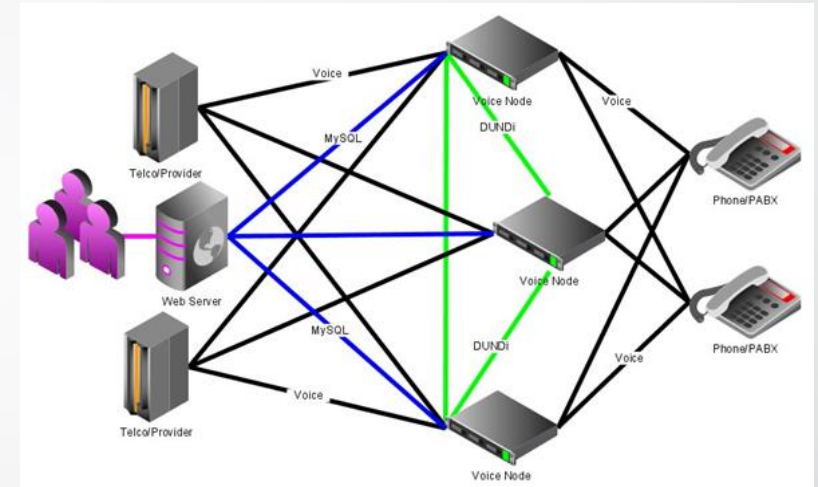
BIG offers complete TETRA solutions including infrastructure, terminals, consoles and command and control rooms. we will always equip you with the right device delivering excellent audio quality, exceptional robustness, and ultra-reliable security, to help you coordinate the moments that matter most.



## IT NETWORK SOLUTIONS



Today's environment requires effective communication methodologies., Each requirement is unique. Our expert team visit your premises to understand your needs and requirements, and to customize your needs and deliver a solution to suit your requirements. . Our solution caters to the requirements in all range from Multi locational corporate to Medium and Small offices



### DATA NETWORK

- Data Network infrastructure setup
- VPN and Remote connectivity
- Industrial LAN/ MPLS networking

### Network Server

BIG IT solutions will provide complete network infrastructure set up with HPE servers and Storage network equipments To address your High Performance Computing, virtualized, and memory-centric workloads

Hewlett Packard Enterprise is extending the worlds' most secure industry standard servers to include the HPE ProLiant DL385 Gen10 server, utilizing the AMD EPYC 7000 Series processors. This platform has been designed with the security you need and the flexibility you require to accommodate demanding enterprise workloads. With up to 64 cores, up to 32 DIMMs, or 4 TB memory capacity and support for up to 24 NVMe drives, the HPE ProLiant DL385 Gen10 server delivers a low cost virtual machine (VM) with unprecedented security.





# CABLING SOLUTIONS

From design and deployment to management and moves, adds and changes; BIG Networks delivers the performance, flexibility and reliability to meet the classfull cabling infrastructure for Data and Voice.



## Outside Plant – OSP

- Cabling to suit all nature of projects for Oil & Gas and Qtel/ Oreedoo standards requirements for fiber and copper Networks.
- Fiber Splicing and OTDR Testing Solution
- Fiber optic cable
- Fiber panels and Cassettes
- Fiber tools, kit and consumables
- Outside enclosures

## Structured Cabling

- Complete connectivity solution
- Installation
- Designing
- Cable pulling
- Splicing & Termination
- Testing & Commissioning
- Moves/adds/changes
- Troubleshooting

## Racks & Cabinets

- Server Cabinet
- Network Cabinet
- Server and Network cabinet accessories
- Wall Mount enclosure
- Outdoor enclosure
- Racks
- Power Distribution (UPS/ PDU)





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## ELV SYSTEMS



## What we Offer

## SECURITY SYSTEM

- IP CCTV System
- Video Analytics
- Access Control System
- Audio & Video Intercom System
- Intrusion Detection System
- Barriers / Bollards / Turnstiles / Blockers
- Parking Management & Guidance
- Disabled Toilet Alarm Systems
- PA/GA System

## AUDIO/VISUAL SYSTEM

- Digital Signage & Video Walls Systems
- Audio/Video Conferencing System

## OTHER SYSTEMS

- Nurse Call System
- SMATV/IPTV System



## Security System- IP CCTV System

BIG designs and installs complete CCTV systems including fully equipped control rooms as well as other security surveillance solutions. BIG has successfully implemented tens of large and small CCTV from Various vendors.

BIG deals in world-renowned brand of CCTV product such as PELCO and HoneyWell Security Solutions. As we can provide other brands subject the Budget and Application to End-User.

### CCTV Products

- Vandal Resistant Cameras
- Ex-Proof Cameras
- Weather Proof Cameras
- Thermal cameras for long distance applications
- Speed Dome Cameras
- Digital Video Recorders
- Automatic Number Plate or License Plate Recognition System
- IP Encoders

### CCTV Accessories

- CCTV Poles
- CCTV Junction Boxes and Winches
- Wiper and Washer for Automatic cleaning



Typical Weather proof CCTV Installation with IR Light





## Security System- Video Analytics

Video analytics solutions can capture and identify various types of content and events, including motion detection, facial recognition, crowd and vehicle counting, heatmap and dwell time in shopping aisles, traffic and queue detection, and more

Integrating analytics tools into your surveillance system can make it more intelligent and effective.

Video analytics played major role in the following:

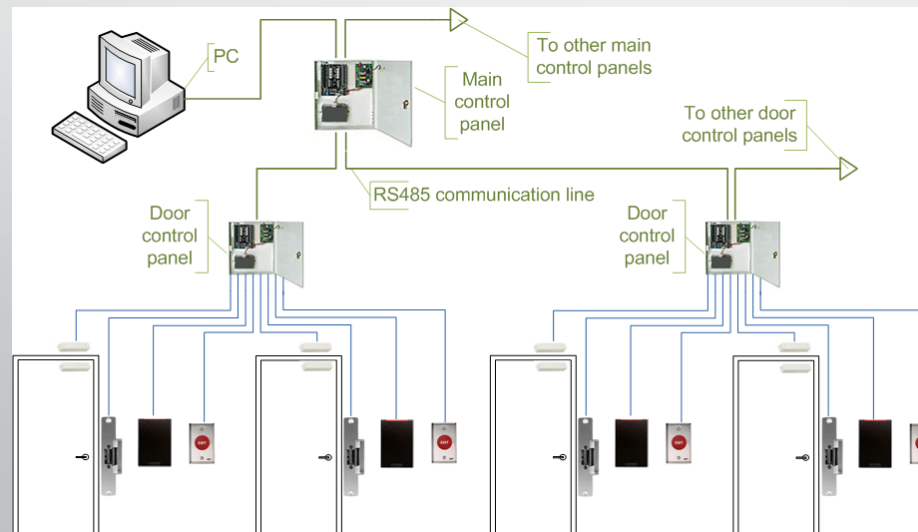
1. At the parking- License Plate Recognition (LPR)
2. At the gates- Queue Management
3. Security check & ticket scanning- Connected devices
4. Protecting Boundaries- Intrusion Detection
5. Crowd Control- People Counting



## Security System- Access Control System

BIG designs and implements various Access Control systems based on solutions from multiple vendors. We offer systems ranging from standalone card printers and readers up to complicated networked systems consisting of tens of card readers and various types of biometric recognition and identification devices, door controllers and other types of readers from vendors such as Bosch, Honeywell, GEM, etc.

As a solution provider and integrator we take great responsibility in design and integration of Access Control Systems (ACS) with CCTV, Barrier, BMS etc



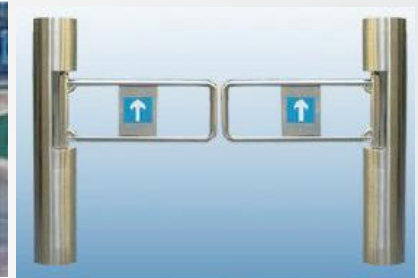


## ELV SYSTEMS



### Security System- Barriers / Bollards / Turnstiles / Blockers

At Big Networks in association with CEDAMATIC automation systems are “state-of-art” products for Harsh Weather conditions and are powder coated to avoid corrosion and rusting. They combine reliable for everyday use with safety, elegance and convenience. These products are designed to be long lasting. They are the result of broad-based technology Our customized solutions to match all industries Five star hotels to parking for High rise buildings.



Options to Access Control – Subject to Project and End-User requirements:

- Boom Barriers
- Raising Bollards
- Road Blockers for Embassies or Hotels
- Vehicle Scanning System
- Full Height or Waist Height Turnstiles



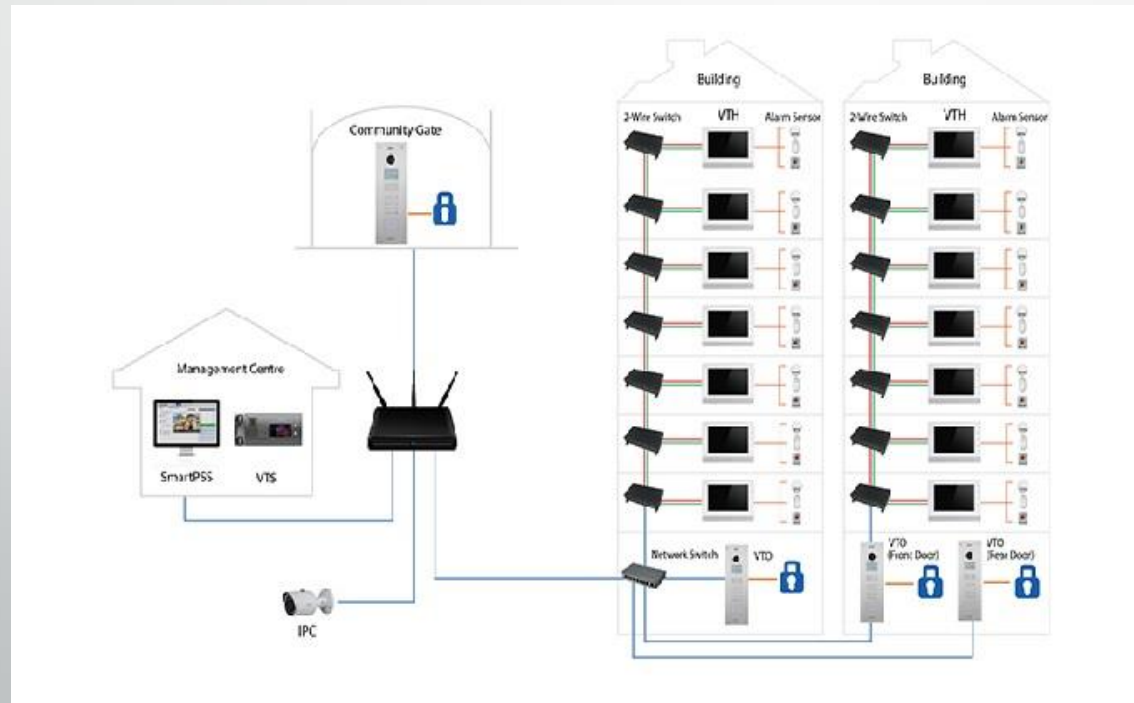
## ELV SYSTEMS



### Security System- Audio & Video Intercom System

BIG Networks will video intercom solutions for visitor access control in villas, multistoried residential & commercial buildings, and ministries, hospitals, banks, educational institutions and factories.

Being a system integrator and Telecom expert, BIG has tremendous networking capability in voice communication on both Analog and VoIP.



### Security System- Parking Management & Guidance System

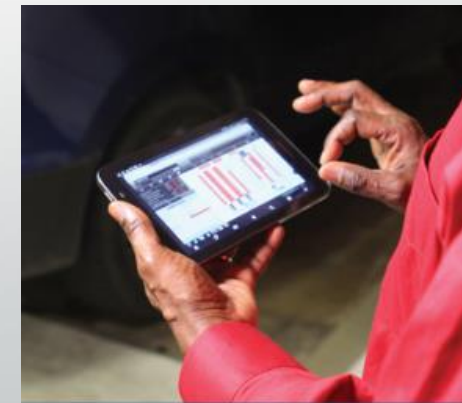
BIG will help you improve your customers parking experience, while optimizing your parking occupancy from individual space detection sensors, camera based monitoring technology and fully customizable LED and metric signage systems to real time monitoring software and internet based parking apps.

We understand that every parking garage is unique

We can offer the best solution:

1. Accurate and reliable guidance
2. License plate recognition
3. Car locating
4. Integrated video surveillance
5. Reservation functionalities
6. Custom signage (Matrix and Profile)

New technologies have made parking quicker, easier and more customer-friendly.





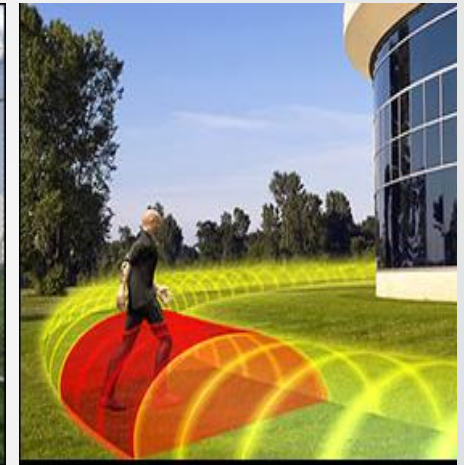
### Security System- Intrusion Detection System

With ever increasing threat levels it is important that organization's properly secure their assets. This starts at the perimeter of their sites where there has never been a more important time to deploy robust, reliable and secure detection strategies to mitigate operational risk.

BIG solutions provide both covert buried or along the pipe line and fence or wall mounted detection capabilities from various vendors. With fully scalable systems for sites less than 5km to more than 100km BIG has the solution for you.

#### Intrusion Detection Solution

- Fence Detection System
- Buried Cable detection system
- Microwave Sensors
- Infrared Sensors

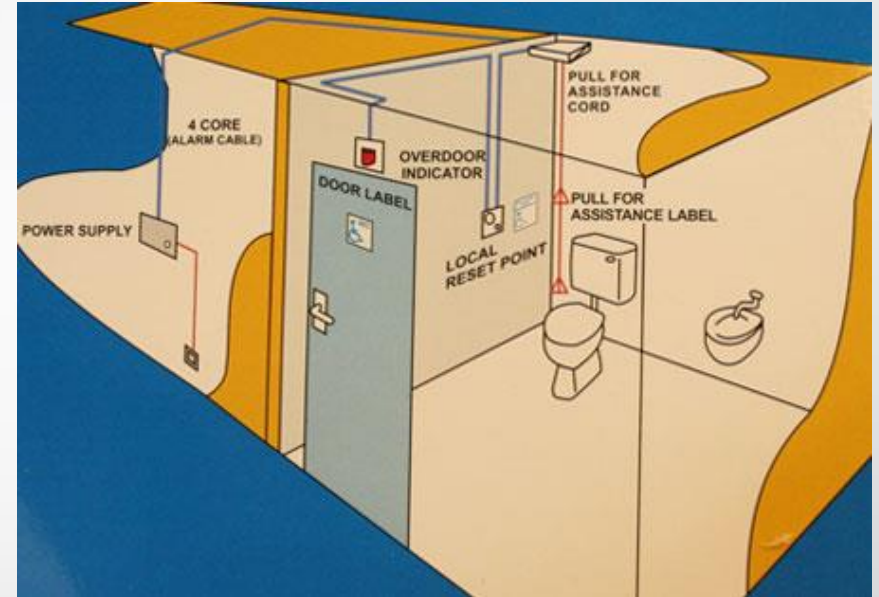


### Security System- Disable Toilet Alarm System

Disabled toilet alarms are essential to allow disabled persons to alert staff members and managers that assistance is required in the toilet cubicle or dedicated disabled bathroom.

This disabled toilet alarm system, where style has met function in design, can be effectively used in a many applications in disabled restrooms in restaurants through to hospitals.

BIG meets and exceeds the requirements in personnel safety and ensure the reliability of the system.

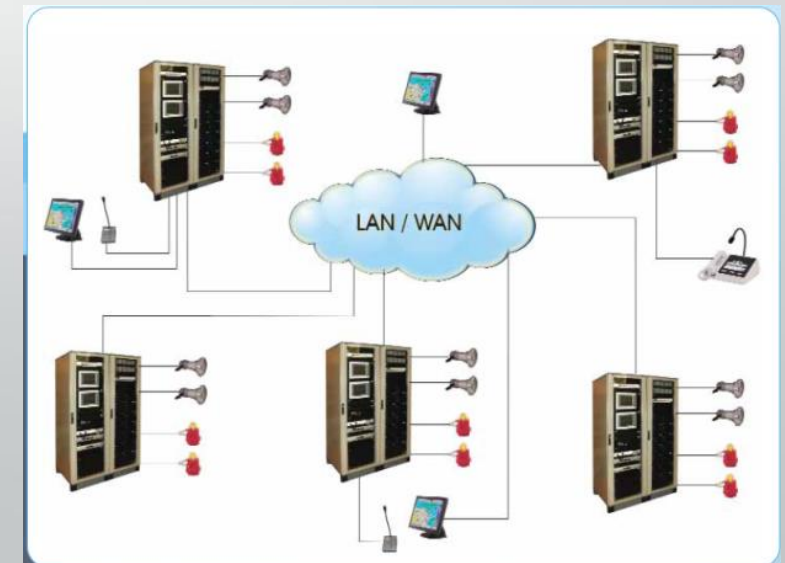




### Safety and Evacuation- PAGA System

Whether it is industrial, commercial or residential sound system, BIG has an experience and the expertise to implement it. With wide range of Network Based Solutions, our systems can offer sound reinforcement in small restaurants to large factories, from residential buildings to malls.

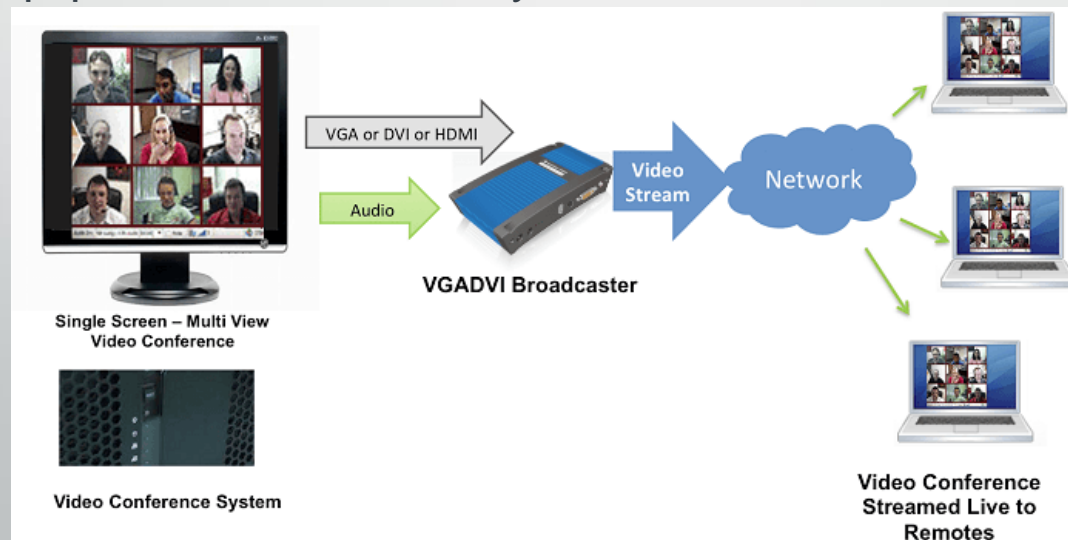
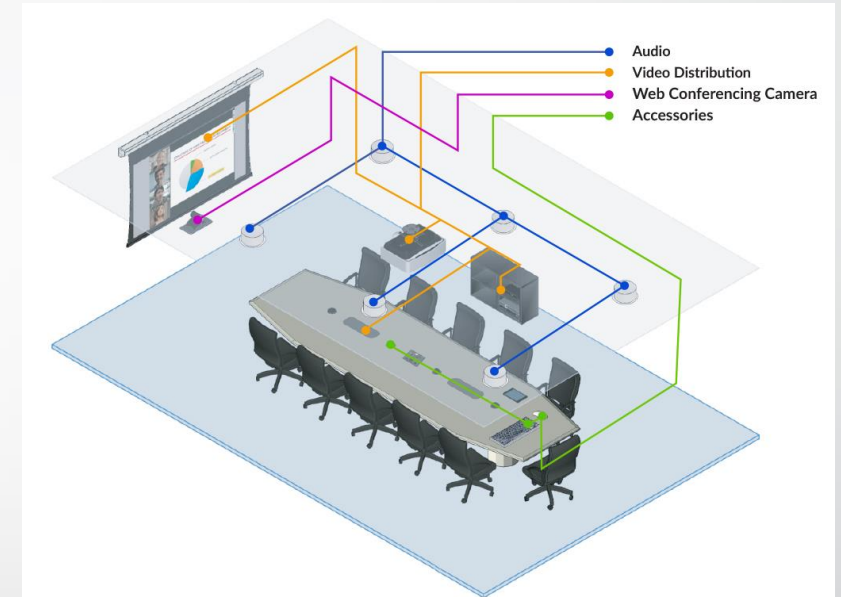
BIG has designed and implemented PA (Public Announcement) and PAGA (Public Alert and General Alarm) systems for Oil and Gas sector, government agencies and private companies. Our systems have been based on leading vendors such as Bosch, TOA, and Federal Signal.



## Audio / Visual System

We plan, design and implement solutions matching client needs for optimized performance of Audio Visual System. Our solutions range from a pull-down Screen, Projector to a fully equipped Command Centre for Emergency response applications.

BIG provides a complete range of branded Audio Visual and Automation products including Audio and Video sources, processing, Routing and Destination Devices, Conferencing Equipment and Control Systems.



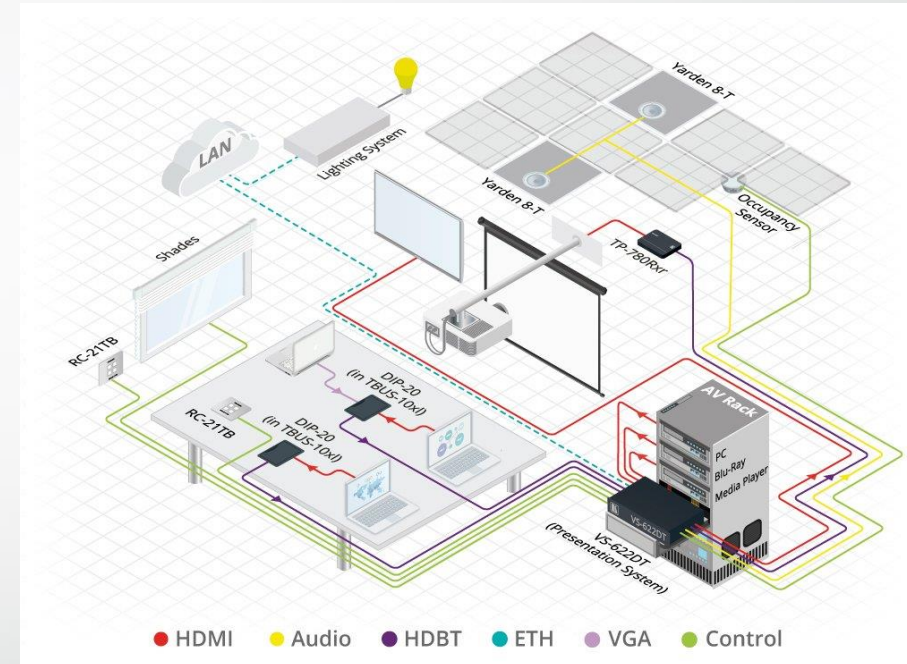
## ELV SYSTEM

### Audio / Visual System- Audio / Video Conferencing system

The Audio-Visual Solutions in Boardrooms and Conference rooms must be professionally designed and optimized as per your organization's needs, so that your staff, instructors and employees feel comfortable operating these technologies.

We aspire to be your preferred partner for innovative technology solutions.

BIG ensures enterprises to create more usable, digitally-enabled meeting spaces with superior boardrooms & conference rooms av solutions.

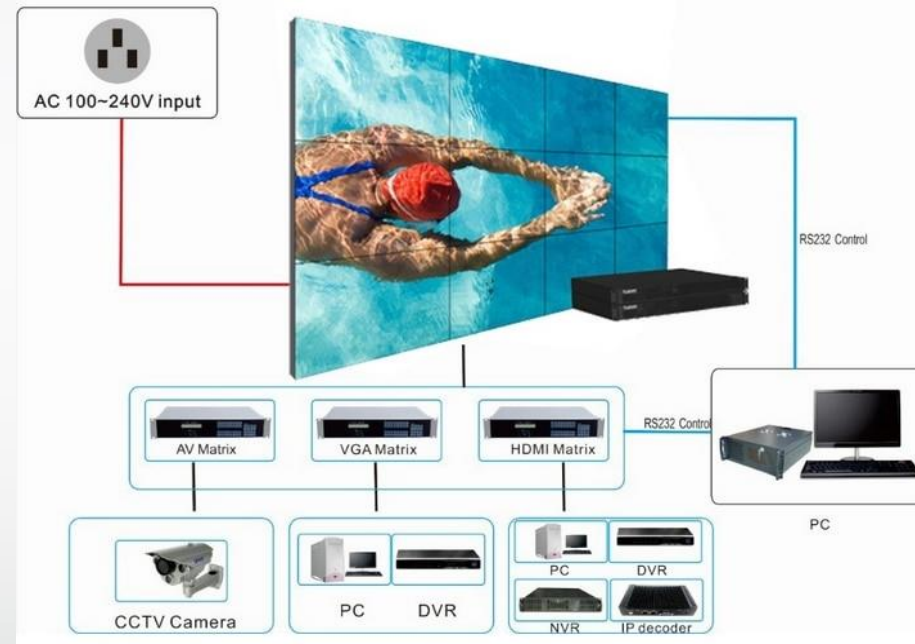




## Audio / Visual System- Digital Signage & Video Walls

The digital signage is a large interactive board used to advertise sales, brands, events, awareness and dynamically present any visual information on a video wall using multiple screens to create a virtual wall of information, an ideal concept, engaging audience with a powerful digital display.

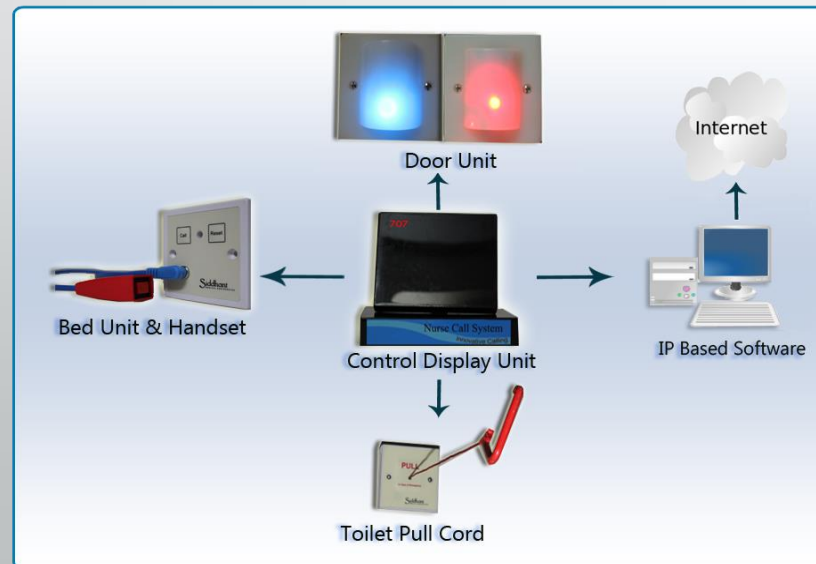
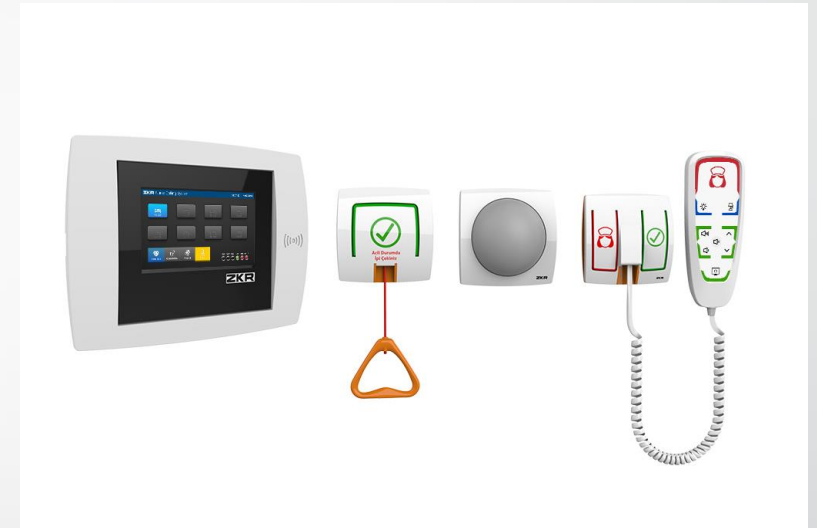
BIG, with extensive experience incorporating into high-end kiosks offers enclosures digital signage system, self-service terminals, LCD panels and touch screens monitors



## Nurse call system

We can offer the best Nurse Calling Systems which provides a perfect solution to the hospitals & nursing homes.

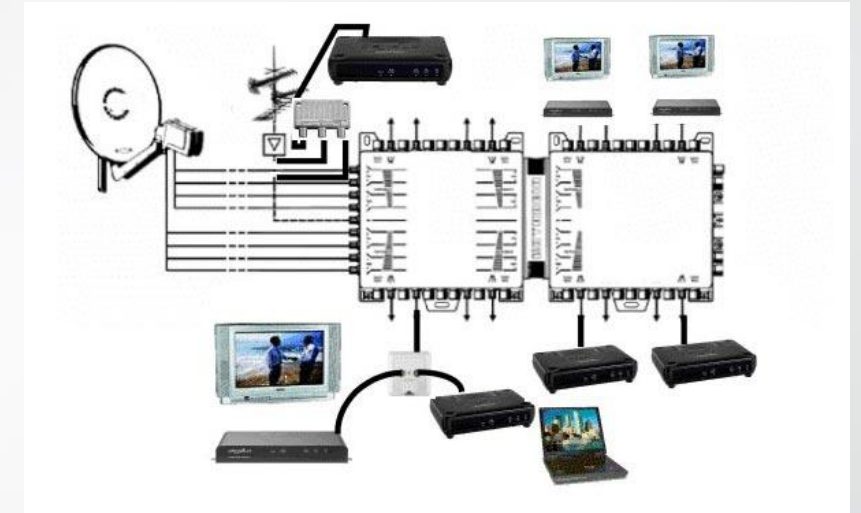
Patients' care is undoubtedly the main aim of all hospitals and Nursing Homes. Hence there is a need to provide one dedicated line of communication to every patient so that the patient can draw attention of a nurse from his bed whenever required.





## Multimedia System - SMATV & IPTV system

SMATV stands for Satellite Master Antenna Television, and refers to a system that uses multiple satellite to broadcast television and sound signals to create a single integrated cable signal for distribution to households or offices within a building or multiple buildings, especially to Hotels, Apartments, Offices etc.



IPTV System is defined as secure & reliable delivery to subscribers of entertainment video and related services. These services may include, for example, Live TV, Video On Demand (VOD) and Interactive TV (iTV). These services are delivered across an IP network to transport the audio, video & control signals.

BIG can offer the best SET UP for SMATV /IPTV system from various vendors, which provides a perfect solution to the households, Hotels, Apartments, etc.

## PARTNERS



## OUR CUSTOMERS



## ANNUAL MAINTENANCE CONTRACTS



BIG Trading & Contracting recommends proactive maintenance, after the 12 months defect liability period. We can determine maintenance requirements based on your system's complexity, equipment components, frequency of use, available personnel support and more.

Big Trad & Contg offers a comprehensive "Annual Maintenance contract" choose from maintenance and service options that vary from on-call support to full-time on-site support. Big Trad & Contg service team is comprised of highly trained and experienced personnel. Our technicians are certified on numerous systems and components and are proficient in the servicing control systems and other complex equipment. E

Every AMC service plans offers preventive maintenance visits that will help assure your system continues to work dependably, now and in the future.





# OUR STRENGTHS - BIG ADVANTAGE

- ▶ 100% Local presence in the country, there is no dependency on foreign Manpower
- ▶ Professional support
- ▶ Systematic Approach in implementation of Projects.
- ▶ Extensive knowledge and understanding of QP projects, quality requirements and systems used.
- ▶ Well versed with QP-Dukhan Area and Geographical locations. We have executed multiple projects with different Contractors.

