



**company profile**



**Fire**



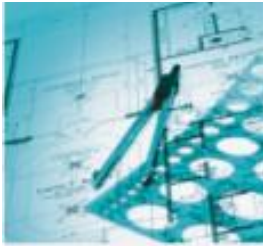
**Safety**



**Security**



**Data Center**



# Genesis Technologies Limited

Inception in year 2005.

The company's Headquarters in Dhaka with branch offices located in the Chittagong.

GTL can provide world class solutions to almost any Fire, Safety & Security problem or requirement and provides products, services and solutions to governments and governmental agencies, non-governmental organisations (NGO's), embassies, banks, power stations, critical infrastructure and major organizations.

The Company is run by a highly experienced board and management team and has all the technical and financial resources necessary to undertake projects of any size or complexity.

Our range of products and services is extremely broad and covers all forms of Fire, Safety & Security Solutions.

GTL, wants to earn reputation of providing "**Excellence through Service**"; let us help you with peace of mind, safety and security by "**Protecting your world**" Please visit for more information, [www.gtl.com.bd](http://www.gtl.com.bd)

Year of Establishment: 2005  
Type of Company: PRIVATE LIMITED  
Board of Directors: Headed by Chairman, Managing Director & Director's.

## Our Mission

The Mission of Genesis Technologies Limited is to be recognized as a centre of excellence for the provision of Fire, Safety and Security products and services.....  
GTL aims to improve the quality of life of people throughout the country and will do so by providing world-class protection systems and services encompassing all aspects of Fire, Safety and Security.

GTL believe all citizens of the Bangladesh have the right to personal safety and security and to be free from the threat of terrorism, crime, fire, accident and mishap and will assist with the development, design, installation and maintenance of appropriate solutions to counter all likely and perceived risks to the individual and their property.

## Our Motto

*" We strive to meet customer satisfaction "*

## Conclusion

Our unique experience, relationship & integration of our trusted partners have given us the expertise as well as knowledge capital to achieve a competitive advantage in market place. GTL are very much focused to build up a long term business relationship with your esteem company by committing a **QUALITY & COST** effective support & service.





# Fire

Each year fire is responsible for billions of taka's worth of loss and damage through out the country, not to mention the often sad loss of life which can have devastating effects on families and businesses.

When a fire alarm installation is required the customer or organisation is often faced with a bewildering array of decisions. For example, which fire safety regulations must the system be compliant with? Is the system to alert the fire brigade and if so by what method? GTL can assist with these questions and many others.

Of course, the early detection of a fire is just part of a fire risk reduction strategy - once a fire has been detected occupants will need to be alerted and if necessary, evacuated whilst simultaneously the fire should be suppressed and extinguished.

Occupants can be alerted by a number of different methods such as traditional fire bells and sounders together with visual indicators such as 'fire strobes' in areas of high ambient noise. Consideration should also be given to the hearing impaired and GTL can advise on and supply a number of systems specially designed to warn hearing impaired and deaf persons of any fire alert and of the need to evacuate the building. In addition, GTL can supply PA/VA voice evacuation systems and emergency lighting systems to assist with the safe evacuation of any building or complex.

GTL can also supply a wide range of gas extinguishing systems to suit almost any risk, as well as the revolutionary Gas Suppression System, which is not an extinguishing system but a total fire prevention system which ensures that an area is constantly protected and a fire cannot even start - ideal for sensitive or high-risk environments such as computer centres, IT rooms, telecommunication centres, bank vaults and even vulnerable warehouses.

Heat and smoke detection, flame detectors, smoke beams, air sampling and wire free systems, automatic door and ventilation operations, intrinsically safe systems, controls, mimics, audio and visual warnings, gas extinguishing and fire suppression, together with remote monitoring and fire brigade signalling systems - whatever the requirement GTL have the experience and the answer.

## Fire Detection System

- Conventional Fire Detection System
- Addressable Fire Detection System
- Air Sampling System
- Very Early Fire Detection System

## Fire Fighter's System

- Fire Hydrant System
- Sprinkler System
- Breathing Apparatus
- Fire Resistance Clothing

## Suppression & Extinguishing System

- Gas Suppression System
- Fire Extinguisher

## Fire Test Equipment

- Consumable & Spares
- Detector Test Kits



# Safety

In order to allow individuals and companies to operate to their full potential it is imperative that they occupy a safe environment. It is also a key requirement that medical staff are adequately equipped to be able to provide aid to those in need of assistance.

Employers in certain industries are obliged to protect their staff by providing safety equipment such as hard-hats and high-visibility clothing. Ensuring that workers are provided with sufficient illumination for the task they are performing, creating and maintaining clearly signed and unobstructed emergency exits, providing a working environment that is adequately ventilated to protect workers from harmful fumes and chemicals, is also a requirement for every employer. The management of risk and contingency planning in the event of a hazardous situation is now a legal requirement in many countries, as well as an essential aspect of good practice.

GTL provide specialist and associated services for the protection and personal safety of individuals and employees. This includes Emergency Lighting Systems designed to allow safe evacuation from buildings in the event of power failure. Lone Worker Monitoring and Tracking Systems can provide protection to individuals who work remotely such as inspectors or engineers.

GTL can also assist with safety issues within Buildings by the provision of Safe Evacuation Systems and Equipment & Gas Detection together with Public Address Systems to facilitate instant communication with people inside and around the Building, whilst Induction Loop systems assist hearing-impaired people with hearing aids. GTL's Panic Rooms provide a secure refuge in homes, offices or any other building where people may be at risk from the threat of kidnap and / or violence.

GTL have the expertise and experience to assist with design, installation and maintenance in accordance with American Standards, British Standards and European legislation and will happily assist clients meet the required standards.

## **First Aid**

- Blankets
- Rescue Tools
- Stretchers

## **Flood/ Leak Detection**

- Detection Cable
- Point Sensor

## **Emergency Lighting**

- Site Lighting
- Solar Powered Lighting

## **Public Address System**

## **Safety Clothing**

## **Safety Sign**

- Fire Sign
- First Aid & Safe Condition
- Hazard Warning
- Informational
- Mandatory
- Posters
- Prohibition

## **Traffic & Site Safety**

- Cones & Bollards
- Road Marker Studs
- Safety Floor Sign
- Speed Bumps & Signs
- Traffic Flow Plates
- Traffic Mirror

## **Bomb Blast Film**

## **Fire & Scientific Door**

## **Server Room Monitoring & Control System**



# Security

Today we face not only the common threats of theft, personal attack, trespassing and information leakage, but also the more serious risk of terrorism on an international scale.

Security is of primary concern to everyone from individuals, who wish to ensure the security of their property from theft and personal intrusion, to governments, non-governmental organisations and multi-national corporations worldwide, who need to protect their staff and key assets.

Security has to be taken seriously by all members of society as threats have widespread and often indiscriminate effects.

The security of a country's infrastructure, including utilities, oil & gas, ports & harbours, transportation, etc, are of top priority as sabotage to these assets can severely hinder a country's ability to operate.

Unauthorised access to Buildings and Compounds can be prevented via GTL's range of Perimeter Security, Access Control, Intruder Detection and Surveillance Systems, together with Solar Lighting, Remote Monitoring and Vehicle Entry Control.

To ensure the safety of persons, an extensive range of Security Screening products is available for the detection of Metal and Command Systems allow personnel to monitor and control every aspect of security within premises.

Goods, merchandise and information within Buildings can be protected from theft and breach of security by using and CCTV surveillance, together with a wide range of other security and anti-theft equipment and solutions offered by GTL.

GTL can provide Protective Clothing for staff and Ballistic and Blast Protection for Buildings.

## Access Control System

### Door Access Systems

- Proximity/ Bio-metric/ Face Recognition
- Hotel Locking System

### Pedestrian Control

- Automatic / Remote Controlled Gate

### Turnstile

- Half Height Turnstile
- Full Height Turnstile

### Wheelchair Access

#### Door Interlocking System

### Rising Kerbs & Ramps

- High Security Road Blocker

### Vehicle Control

- Beams & Concrete Barrier
- Bollards
- Crash Rail Barrier
- Sliding Gate

### Parking Control

- Hoop Barrier
- Detachable Barrier
- Permanent Barrier

### Rising Barrier

- Basic Rising Arm Barrier
- Heavy Duty Rising Arm Barrier
- Manually Operated Barrier



# Security

## **Under Vehicle Search**

- Under Vehicle CCTV Inspection
- Portable Under Vehicle Inspection System
- Fixed Under Vehicle Inspection System

## **Anti-Theft & Intruder Detection**

- Burglar Alarm System
- RFID Tracking System

## **Blast Protection & Containment**

- Blast Proof Doors & Shutters
- Bomb Blast Suppression Blankets
- Vehicle Glass Protection

### **Window Protection**

- Bomb Blast Window System
- Bullet Proof Glass
- Clear Safety Film
- Security/ Blast Film
- Solar Control Film

## **Digital CCTV System**

- Analytics CCTV System
- Automatic Number Plate Recognition
- Basic Digital CCTV System
- Control & Command Center

## **ID Verification & Counterfeit Detection**

- Bank Note Detectors & Counters
- ID Cards
- ID Card Printer

## **Integrated Security System**

- IT Security
- Conference Voting System

## **Scanning & Screening**

- Explosive & Narcotics Detection

## **Weapon & Metal Scanner**

- Ground Search Scanner
- Hand Held Scanner
- Seated Scanner
- Walk Through Scanner
- Shoe Scanner

## **X-Ray & Screening System**

- Baggage Scanner
- Mobile X-ray Scanner
- Pallet & Cargo Scanner
- Mail Scanner
- Portal Body Scanner

## **Search Equipment**

- Under Vehicle Search mirror
- Telescopic Contraband Search Mirror
- Torches

## **People Security**

- Panic Room/ Safe Room
- Personal Attack Alarm

## **Perimeter Security System**

- Beam & Area Detection System
- Fence Detection System

### **Physical Security**

- Electrified Fence
- Security Fence
- Razor Wire Fence



# Data Center

IT operations are a crucial aspect of most organizational operations. One of the main concerns is business continuity; companies rely on their information systems to run their operations. If a system becomes unavailable, company operations may be impaired or stopped completely. It is necessary to provide a reliable infrastructure for IT operations, in order to minimize any chance of disruption. Information security is also a concern, and for this reason a data center has to offer a secure environment which minimizes the chances of a security breach. A data center must therefore keep high standards for assuring the integrity and functionality of its hosted computer environment. This is accomplished through redundancy of both fiber optic cables and power, which includes emergency backup power generation.

Effective data center operation requires a balanced investment in both the facility and the housed equipment. The first step is to establish a baseline facility environment suitable for equipment installation. Standardization and modularity can yield savings and efficiencies in the design and construction of telecommunications data centers.

Standardization means integrated building and equipment engineering. Modularity has the benefits of scalability and easier growth, even when planning forecasts are less than optimal. For these reasons, telecommunications data centers should be planned in repetitive building blocks of equipment, and associated power and support (conditioning) equipment when practical. The use of dedicated centralized systems requires more accurate forecasts of future needs to prevent expensive over construction, or perhaps worse — under construction that fails to meet future needs.

## Data Center

### Data Equipment

- Server Rack
- Network Rack
- Patch Panel
- Network Cable Tray

### Electrical Instrument

- Power Backup (Online UPS)
- STS Switch
- Automatic Voltage Regulator (AVR)
- Precision Air Conditioning
- Power Management Module
- Transient Voltage Surge Suppression System (TVSS)
- Electrical Panels
- Industrial Socket
- Grounding
- Power Cable Tray

### Safety Equipment

- Fire Detection System
- Fire Suppression System
- Safety Signage
- Environment Monitoring System

### Infrastructure Works for Data Center

- Civil Works.
- Interior Decoration.
- Raised Flooring System.
- Insulation Solutions (Dry Wall, Floor Insulation).

### Security System

- Access Control System
- IP Based CCTV System

### Network Structured Cabling

- Structured Cabling for Data, Voice

### Others:

- Consultancy and design of Data Center.
- Data Center Project Management.
- System Maintenance Contract and System up gradation, Etc.

## Customer Care

GTL is proud of its reputation in providing comprehensive customer care, training, after sales service and maintenance.

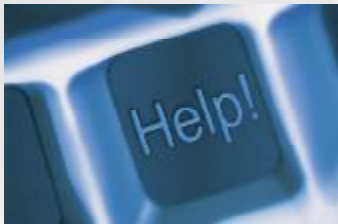
GTL is able to provide comprehensive training services on all systems and equipment either 'in house' or externally as required.

GTL's desire to build long-term relationships with clients has led to a large client base, many of which have been receiving comprehensive maintenance programs for years.

Maintenance and service are vital elements in ensuring any fire or security system remains effective and trouble free in operation in order that the integrity of the system is preserved at all times.

GTL believe in providing the same level of customer care and service to all clients, big or small, whilst recognising that individual customers have diverse and wide ranging requirements which need to be addressed.

GTL will design and implement a service and maintenance package in accordance with client's requirements and relevant regulations and are happy to discuss arranging maintenance of existing installations.



## Maintenance Packages

A typical GTL maintenance package may include:

1. Routine maintenance visits, inspection & tests of the system in accordance with International Standards, industry standards and manufacturer's recommendations.
2. Full 24 hour, 365 days a year emergency service cover and priority attendance facilities with fully trained engineers on standby to attend emergencies.
3. Unlimited use of the technical support hotline service.
4. Comprehensive maintenance of client records.
5. Full computer software and hardware support including all licensing and software upgrades as necessary and where applicable.
6. Customer training and support services as required.
7. **WITH OPTIONAL GOLD STAR SERVICE**  
Extended guarantee of all equipment against fair wear and tear - parts and labour.



## Few of our valuable client's



German  
Embassy  
Dhaka

**Bata**



company profile

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