

-PIDS-

SECURITY MANUAL

Green Security Revolution

D-Fence High Tech Security

Zero False Alarms, Zero health Hazard



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D-Fence website

24 hours security, 7 days a week,
Easy to install on every fence in any design

 <https://www.facebook.com/D-Fence-Electronic-Fencing-Security-Systems-Ltd-296411363750627/>

 [Youtube.com/channel/UCpi_3Q-1U8Z942a07B9DFcQ](https://www.youtube.com/channel/UCpi_3Q-1U8Z942a07B9DFcQ)

 <http://i.youku.com/dfence>

 <https://www.linkedin.com/company/d-fence-electronic-fencing-&-security-systems-ltd>

Uriel Bin

Founder and CEO

Dear member of the security community,

The world we live in is rushing in two seemingly unstoppable tracks. The first is turning the world into one global village – multi cultural, with no borders, overflowing with technology. The other is turning the world – objectively and measurably – into a more dangerous place. Individually, organizationally, and at the state level. Today's security threats are not contained by physical or demographic borders. The threats are global, difficult to define, dynamic and ever developing.

This security book is for anyone dealing with security – architects, security advisers, security personnel, etc.

As a variety of threats are evergrowing – from the sea, air and land - this book aims to gather together safety and security solutions for the private and public space – securing private homes, borders, airport, antennas, water installations, tactic and strategic bases, manned and unmanned perimeters.

This book is intended as a practical tool for architects, advisers and other professionals in the security planning and implementing areas.

The common denominator of the dozens of various chapters is cutting edge security methodology based on circuit system and high end new technology, characterized by minimal maintenance and avoiding false alarms.

Uriel Bin, founder and CEO of D-Fence Electronic Security Systems is a pioneer in the electronic security domain, with over four decades of experience in protecting airports and other sensitive installations, as well as private homes, in Israel and overseas.

Uriel and the D-Fence team present in this book visual examples of a security concept that is both hermetic and elegant, uncompromising but flexible, efficient yet decorative and green, global and targeted at the same time.

Enjoy your reading. Safety to all!



Arik Shaked

D-fence Chairman of the Board

Arik Shaked (Col, res)
B.A, Political Science.
M.sc Master of science.
Chairman of the Board

Relevant experience:

- Vice president "Baran Engineering Group" the largest engineering company in Israel, traded on the Tel Aviv Stock Exchange.
- Colonel {res} Dep' Armored Command Division. {Israel Defense Forces} IDF.
- Graduate "The IDF National Defense College".
- Director of the "Aviation Security Department" "Ben- Gurion Airport" Israel.



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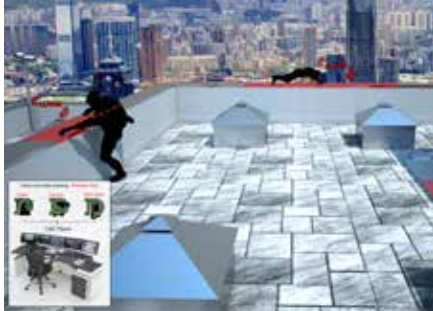
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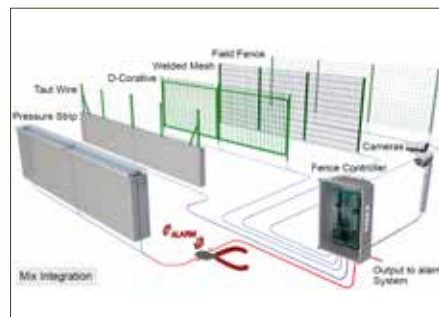
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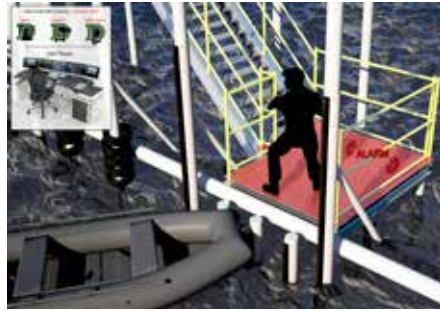
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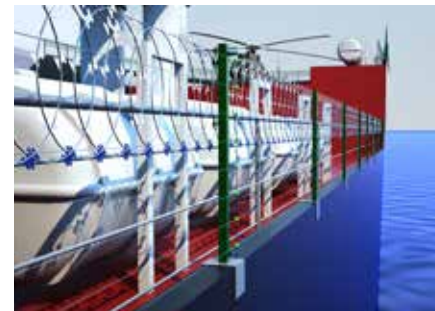
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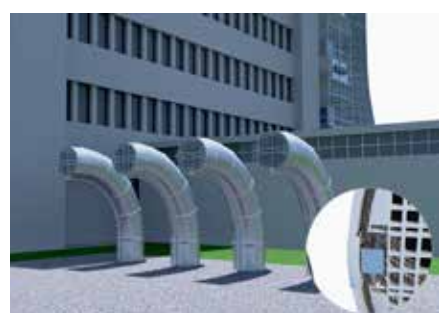
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This security book is intended to provide a general idea and a sample of the technologies and capabilities that D-Fence can provide for security, perimeter protection and intrusion detection.

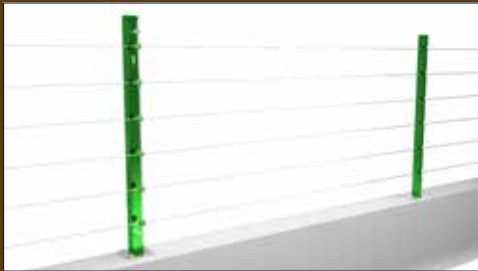
We will be happy to assist and support you in finding the custom security solution specifically tailored according to your needs. Our team of specialists is available to help you plan the optimal security configuration and layout to meet your security goals and fit within your budget.



FREE: Send us a photo of your home or facility to sales@d-fence.com and we will send you a demo of how it will look along with a price estimate.



Glossary



D-Taut Wire Perimeter Intrusion Detection System

The taut wire system is D-Fence's highest security solution for protecting sites against intruders. The system provides both a physical barrier against intruders, and a sophisticated electronic remote control system indicating the precise location of any intrusion attempt. Specially designed rugged sensors and unique digital post processing units, insure constant sensitivity that can withstand all environmental conditions with virtually zero false alarms.



D-Deck Perimeter Intrusion Detection System

The D-Deck Perimeter Intrusion Detection System has been developed by D-Fence as a solution for indoor and outdoor surface protection. Installed permanently or temporarily on decks, mandatory passages, terraces, hallways or any other outdoor area, the D-Deck system can detect any pressure changes caused by the stepping or climbing of the intruder, while maintaining an invisible and aesthetic look, with open-design. The system is suitable for any type of flooring material (wood, metal, plastic, vinyl, etc.), and in case of an alarm, D-Fence's main computerized control center or a home alarm system is notified.



D-Corative Perimeter Intrusion Detection System

A decorative, cost-effective, smart electronic fence, that easily integrates with any existing security metal fence, via specialized sensor posts. Based on advanced sensor technology, the system provides high-performance and robust intrusion protection, while blending in a natural greenery background.



D-Step Perimeter Intrusion Detection System

The D-Step Perimeter Intrusion Detection System has been developed by D-Fence as a solution for indoor protection. The D-Step can be installed underneath any type of flooring material rendering it completely invisible. The built-in Strain Gauge Sensor can adjust to any design in order to provide real pre-alarm and the best intrusion detection for stairways, sensitive area access, safe-box rooms and vaults. The moment an intruder steps on the protected sections and alarm is triggered as a result of the changes in the pressure caused by the intrusion, and D-Fence's main Computerized Control Center or any alarm system is notified.



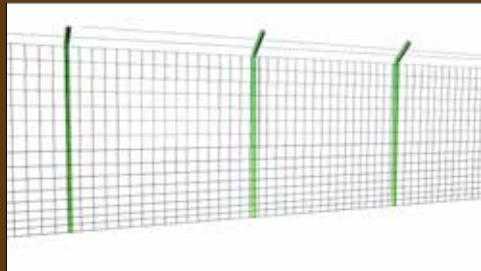
D-Pressure Strip Perimeter Intrusion Detection System

D-Fence's Wall protection system with a built-in Strain Gauge system is used to deter intruders attempting to climb concrete or wood walls, any type of fence (metallic, wood, plastic, etc) or gates. In case of an alarm D-Fence's main computerised control center is notified.



D-Glass Perimeter Intrusion Detection System

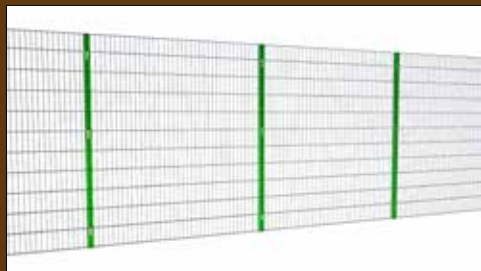
The D-Glass is a new and innovative security system that allows to integrate intrusion detection to glass fences and walls. By harnessing the glass panels with D-Fence's Strain Gauge Sensor to the sensor post, or by integrating the sensors to the top of the glass fence/wall, the fence is turned into an intelligent, electronic Perimeter Intrusion Detection System.



Electronic Field Fence
Perimeter Intrusion
Detection System

The Electronic Field Fence PIDS is D-Fence's newest development in Perimeter Security. Based on the well know and cost-effective Field type fences, they system is very easy and fast to deploy and install in any height needed, without the need for special skills or tools, and it can be installed into existing fences or walls (Retrofit) or as a Stand-Alone system in places where there is no fence.

* New! Simple and advanced perimeter protection - A product of The Green Security Revolution family.



Electronic Welded MESH
Perimeter Security System

New, Patented

D-Fence's Strain Gauge Sensor interfaces with any welded mesh fence and turns it into an indicative fence. The sensor is connected between the mesh panels in a modular and easy to install way, and if today's most indicative systems are installed as an additional element to the fence, like a vibration system, D-Fence's system is an integral part that holds the fence panels.



DF-2100 Electronic Razor
Wire Concertina

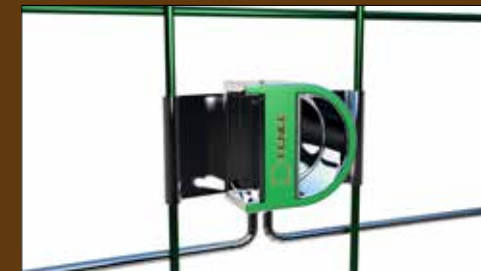
A razor wire concertina combined with electronic intrusion detection – Provides both a physical barrier that's very hard to penetrate with pinpoint location of an intrusion attempt that activates an alarm in the control center showing the exact point where the attempt happened. This gives the security forces time to react and reach the place very quickly.



D-Bolt Security System

New, Patented

The D-Bolt Electronic Bolt System is a new and innovative security system to protect expensive and/or sensitive equipment against theft. D-Fence's Strain Gauge Sensors are embedded into bolts and screws of different calibers and then connected to an electronic box containing a PC Board card connected to a Wireless transmitter, a GPRS transmitter, an SMS system or a GSM system and to contacts. Any attempt to open or loosen the bolt/screw generates a warning and sends its location.



D-Fender Advanced Vibration
Fence Sensor

D-Fender uses a popular technology for protecting high-risk sites based on inertial / vibration sensing technology. D-Fence's D-Fender is most reliable and advanced vibration sensor. It's unique technology provide superior sensitivity and accurate response to vibration caused by real intruders. An advanced algorithm analyzes the information from the sensors by a dedicated processor and sends an alarm in case of an intrusion. Installing the D-Fender is very fast and require no previous background. The sensor can be fitted into any existing perimeter fence.



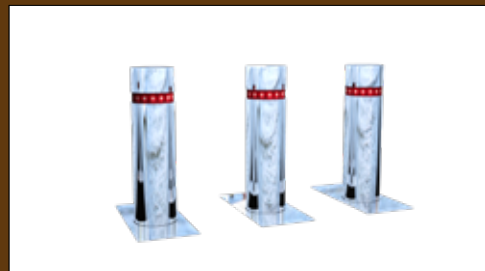
D-Ground Perimeter Intrusion
Detection System

The D-Ground Security System provides a comprehensive solution for access-route and perimeter protection. It operates with seismic sensors which recognize threats whenever fluctuations are sensed in their vicinity. The system identifies the intruder's movements as soon as he enters the access route, road or path, and provides an early warning before the intrusion actually occurs. The D-Ground is installed below ground, cannot be detected nor sabotaged and does not change the area's appearance. The system's self-learning algorithm has an extremely high recognition level of diverse threats, with minimum false alarms.



Computerized Control Center
(CCC)

D-Fence's CCC gathers, analyzes and reports field data in real-time to all relevant organization entities. Designed to manage both daily routines and crisis situations, the system provides decision makers the data they need to make prompt, informed decisions regarding the situation at hand. In addition, the system conveniently controls the standard perimeter operation.



High Security Bollards

D-Fence's bollards are a result of more than 20 years of experience and field testing. The High Security Bollards include specific and unique solutions for every demand without compromising appearance for high security. The products are crash-certified at different levels offering a modern and aesthetically pleasing access control solution, with formidable strength, important when securing high profile, high risk facilities and highly secured compounds.

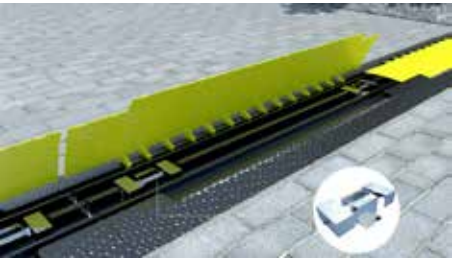


Access Routes

Based on the now well-known and field tested D-Pressure Strip PIDS, D-Fence has developed the D-Truck Strip Perimeter Intrusion Detection System to provide accurate and reliable protection for roads and access routes.

The D-Truck Strip PIDS can be mobile or fixed, and provides detection and protection against unauthorized vehicles in access roads, access routes and in entry ways to any site, including those remotely located like agricultural fields, oil and water wells, telecommunication stations, etc.

A mobile system can be deployed in minutes, can be visible or hidden and can send the alarms by cable connection and/or wirelessly. A fixed system can also be visible or hidden.





Access Routes





Agriculture Security

Modern Agriculture is in constant development, both in the vegetable field and in the animal field and the technology. This fast development causes also an increase in the security needs from year to year, either in the protection of fields, to protect valuable crops, or the protection of animal growing installations like cowsheds, stables, growing farms, etc., and additionally, the protection of agro mechanical equipment, packing plants, mechanization, etc.

D-Fence has developed a wide range of security systems for the agricultural field, including mobile systems for seasonal deployment that are functional for the protection of the fields, farms and installations. The systems are designed to avoid any false alarms that could be caused by animals or by the agricultural crops and to stand any extreme weather conditions.

Systems for Agriculture Security:

1. D-Taut Wire Perimeter Intrusion Detection System
2. Electronic Field Fence Perimeter Intrusion Detection System
3. DF-2100 Electronic Razor Wire Concertina
4. Electronic Welded Mesh Perimeter Intrusion Detection System
5. D-Bolt Security System
6. D-Ground Perimeter Intrusion Detection System
7. Computerized Control Center





Agriculture Security





Airport Security

The security and protection of airports is one of the most challenging subjects for Security Experts around the world. The combination of technology and personnel in a noisy and dynamic environment constitutes a very big technological challenge because of the need to create systems that integrate multiple technologies, in several security circles. D-Fence has developed and created the First Circle, a very important circle that encloses the airport along very big lengths. The systems withstand harsh environmental conditions as well as the noise from airplanes, shock waves, vibrations and tremors, RF transmission, etc. The experience accumulated in this field and the products developed by D-Fence can be used by architects and security integrators with the objective to provide protection and security to airports around the world.

Systems for Airport Security:

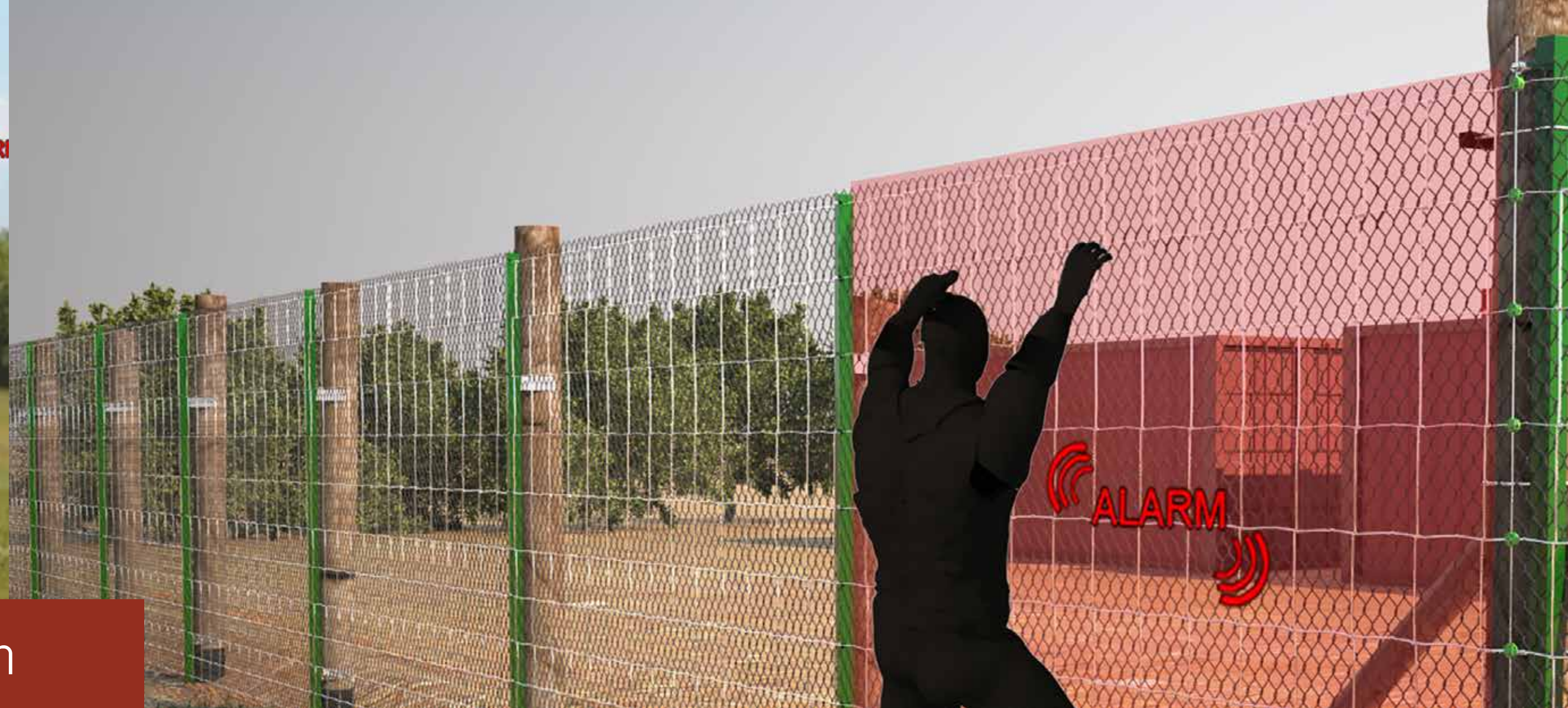
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|--|--|
| 1. D-Taut Wire Perimeter Intrusion Detection System | 6. Electronic Welded Mesh Perimeter Intrusion Detection System |
| 2. D-Corative Perimeter Intrusion Detection System | 7. D-Bolt Security System |
| 3. D-Pressure Strip Intrusion Detection System | 8. D-Ground Security System |
| 4. DF-2100 Electronic Concertina Intrusion Detection System | 9. Computerized Control Center |
| 5. Electronic Field Fence Perimeter Intrusion Detection System | |





Airport Security





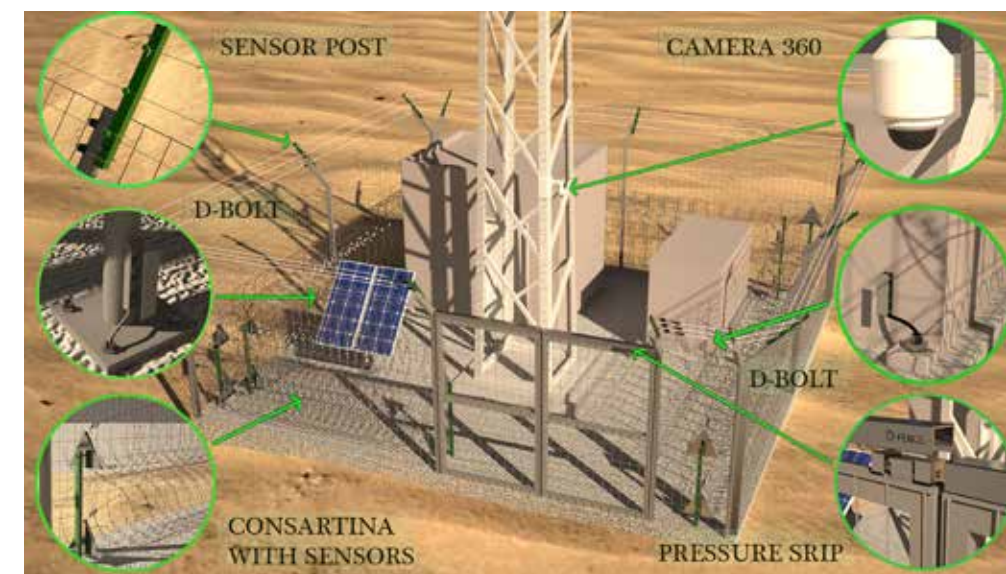
Antenna & Telecomm Station Security

The issue of providing protection for remotely located installations, big or small, like Cellular Antennae, civil or military Telecommunication Stations, Electrical towers and posts, etc., that are frequently exposed to vandalism by hostile elements, terrorist activities or criminal elements. Disabling or damaging them can cause heavy damages like communication blackouts or disruption in the electricity supply as well as damages on a national political level.

D-Fence has developed security systems that are vandalism proof in several levels, that include perimeter protection for these installations in several "security circles", according to the level of threat. The systems include electronic fences, electronic bolts and anti-vandalism gates.

Systems for Antennae and Telecommunication station Security:

1. D-Taut Wire Perimeter Intrusion Detection System
2. Electronic Field Fence Perimeter Intrusion Detection System
3. DF-2100 Electronic Razor Wire Concertina
4. Electronic Welded Mesh Perimeter Intrusion Detection System
5. D-Bolt Security System
6. D-Ground Perimeter Intrusion Detection System
7. Computerized Control Center





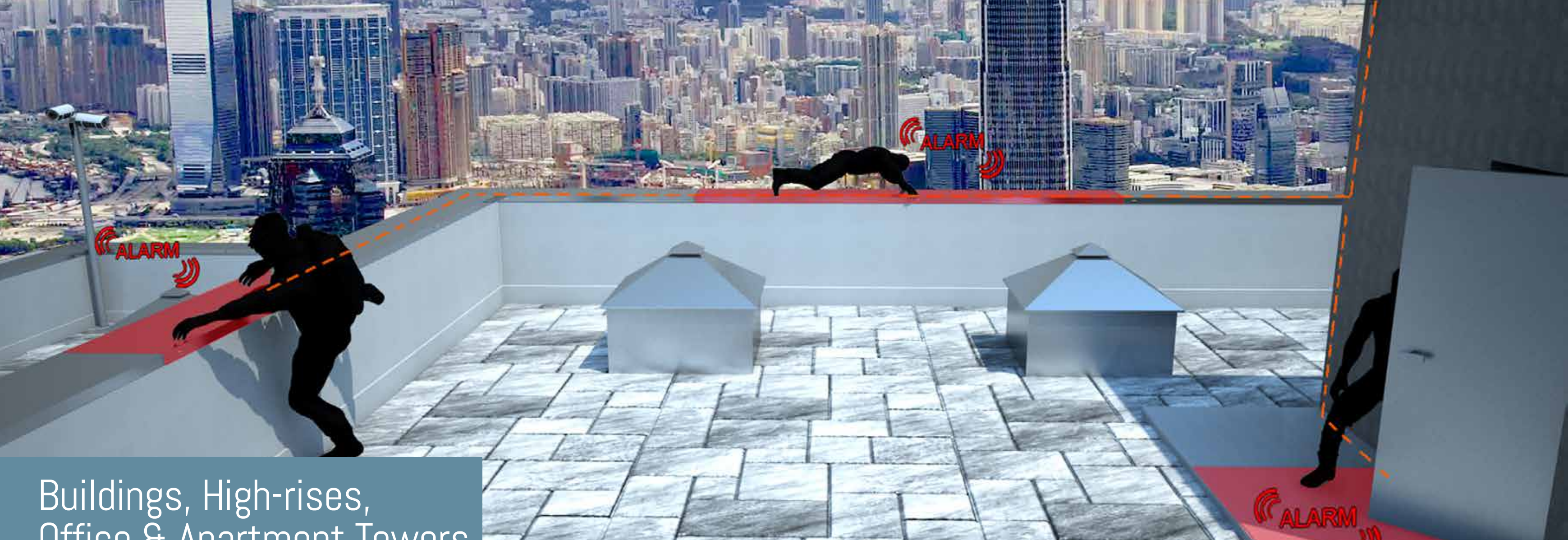
Banks, Financial Institutions & Vaults

Banks and Financial Institutions, in general, have today a high level of security. D-Fence has systems that can improve the existing security infrastructure, creating a double layer of security, including increased protection for vaults and mandatory access ways, protection against excavations and tunnels, and protection against breaking in through walls.

Systems for Banks, Financial Institutions and Vaults:

1. D-Taut Wire Perimeter Intrusion Detection System
2. D-Corative Perimeter Intrusion Detection System
3. D-Pressure Strip Intrusion Detection System
4. DF-2100 Electronic Concertina Security System
5. Electronic Field Fence Perimeter Intrusion Detection System
6. Electronic Welded Mesh Perimeter Intrusion Detection System
7. D-Bolt Security System
8. D-Ground Perimeter Intrusion Detection System
9. Computerized Control Center





Buildings, High-rises, Office & Apartment Towers

The massive transition around the world to high-rises and sky scrapers, including luxury buildings, brings with it new security threats which in most cases is addressed by security guards at the entrances and lobbies of the buildings but not inside the apartments and/or terraces. The threat of an intrusion and the passage between balconies and terraces led D-Fence to the design and development of quality decorative systems and products that don't create false alarms and that can be integrated with the architectural design with an "Open Design" concept, providing maximum security to the residents and the property owners.

Systems for Buildings, High-rises, office and apartment towers:

1. D-Taut Wire Perimeter Intrusion Detection System
2. D-Corative Perimeter Intrusion Detection System
3. D-Pressure Strip Intrusion Detection System
4. Electronic Field Fence Perimeter Intrusion Detection System
5. Electronic Welded Mesh Perimeter Intrusion Detection System
6. D-Bolt Security System
7. Computerized Control Center





Camping Sites

The peace of mind of vacationers in holiday camping sites is very often disturbed by intruders that can very easily gain access to them with the intention to steal or cause damage to their property or even to cause physical damage to them.

By enclosing them with an electronic perimeter system that provides early indication of any intrusion attempt, the sites can be easily controlled to make sure no unauthorized persons gain access to them. D-Fence has developed electronic perimeter intrusion detection systems that completely blend with the environment of the sites, cause no interference with their nature, and work around the clock with zero false alarms.

Systems for Camping Sites:

1. D-Taut Wire Perimeter Intrusion Detection System
2. D-Corative Perimeter Intrusion Detection System
3. D-Pressure Strip Intrusion Detection System
4. Electronic Field Fence Perimeter Intrusion Detection System
5. Electronic Welded Mesh Perimeter Intrusion Detection System
6. D-Bolt Security System
7. D-Ground Security System
8. Computerized Control Center

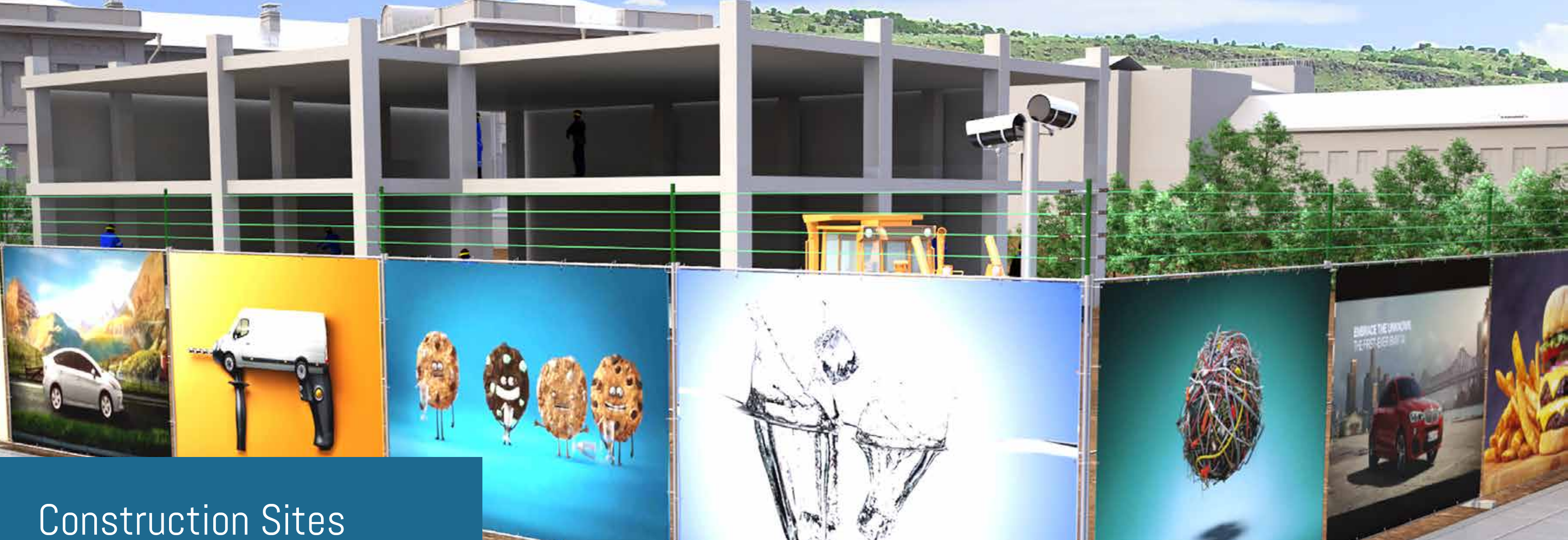




Command & Control Center

D-Fence's Computerized Control Center (CCC) is used for gathering, analyzing and presenting data from the system's field assemblies to the security officer on site. The CCC also conducts automatic self-tests of the system and it controls the standard operation of the perimeter system. The CCC software can run on D-Fence's hard bodied computer or can run on any PC.





Construction Sites

The protection of construction sites and of highway and road infrastructures requires coming up with solutions that will prevent vandalism, damage or theft of equipment or of the site itself. D-Fence has developed a range of modular systems that will alert in any case of an intrusion attempt through the fences. The advantage of these systems is that they have the capability to transmit the alerts wirelessly to a remote location in addition to the local alarm that is activated at the site itself, and also to document all the events.

Systems for Construction Sites:

1. D-Taut Wire Perimeter Intrusion Detection System
2. DF-2100 Electronic Concertina Intrusion Detection System
3. Electronic Field Fence Perimeter Intrusion Detection System
4. D-Bolt Security System
5. Computerized Control Center





D-Cybersafe



Today, more and more physical security systems are connected to communication networks for monitoring and control. This connection leaves the physical security systems vulnerable to cyber-attacks, threatens national security and impacts public safety. If you thought that you are the only one that watches the images of the CCTV cameras installed at your site, you'll be surprised to know that with a very simple action any unauthorized person can watch them too.

D-Cybersafe will protect your security systems, including cameras, computers, alarm systems, etc. from any unauthorized connection, internal or external. D-Cybersafe provides ironclad security with full control and customizable networking capabilities. Cutting edge hardware, coupled with network intelligence and policy enforcement software engines, offer an effective tool for securing and hardening your sites and installations.





Factories & Industrial Installations

Around most factories and industrial installations, the perimeter fences that have been installed were chosen by architects or other designers, according to the nature of the region or even the country where they are located. Most of these perimeter fences are exposed and can be very easily bypassed. For this purpose, D-Fence has developed the "Upgrade" system, that allows implementing in a very simple, easy and in a modular way our unique electronic fencing systems into the existing fences, using an "Open Design" concept and allowing to improve the security level in an ultimate way, while completely integrating into the existing infrastructure.

Systems for Factories and Industrial Installations:

1. D-Taut Wire Perimeter Intrusion Detection System
2. D-Corative Perimeter Intrusion Detection System
3. D-Pressure Strip Intrusion Detection System
4. DF-2100 Electronic Concertina Intrusion Detection System
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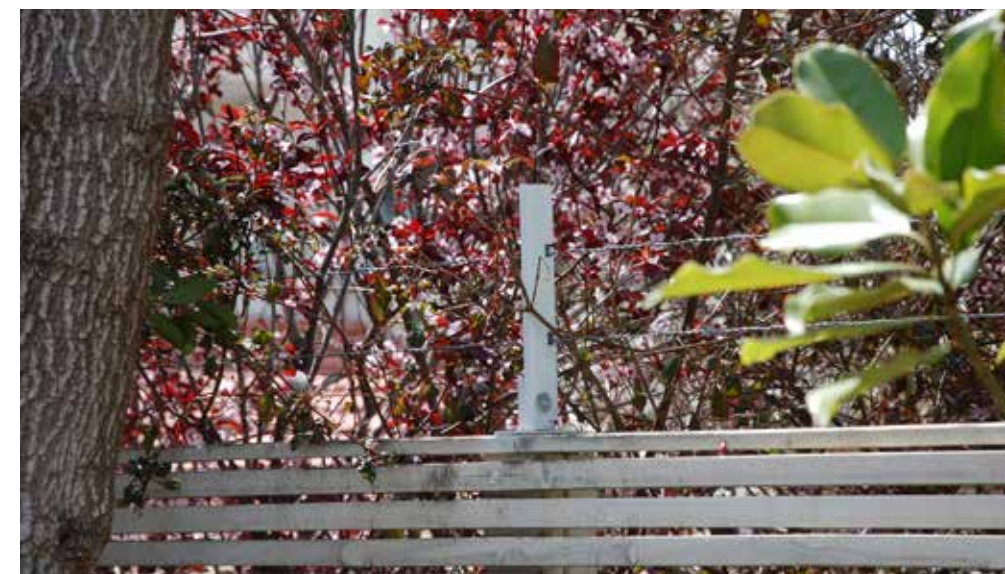


Patent Pending
GREEN SECURITY REVOLUTION

Living next to an electric fence is like having the radiation of multiple smart phones next to your family at all times. D-Fence Green Security Revolution turns your electric fence to a smart fence with Zero false alarm and no health hazard. D-Fence is proud to launch the Green Security Revolution, our newest development that allows turning any Electric Shock Fence into a Green Electronic Fence, without any radiation, without High Voltage of 10,000 Volts, without any false alarms, an exclusive patent of D-Fence Electronic fencing and Security Systems Ltd.

Systems for Green Security Revolution:

1. D-Taut Wire Perimeter Intrusion Detection System
2. D-Corative Perimeter Intrusion Detection System
3. D-Pressure Strip Perimeter Intrusion Detection System
4. Electronic Field Fence Perimeter Intrusion Detection System
5. Electronic Welded Mesh Perimeter Intrusion Detection System
6. Computerized Control Center





Patent Pending
GREEN SECURITY REVOLUTION





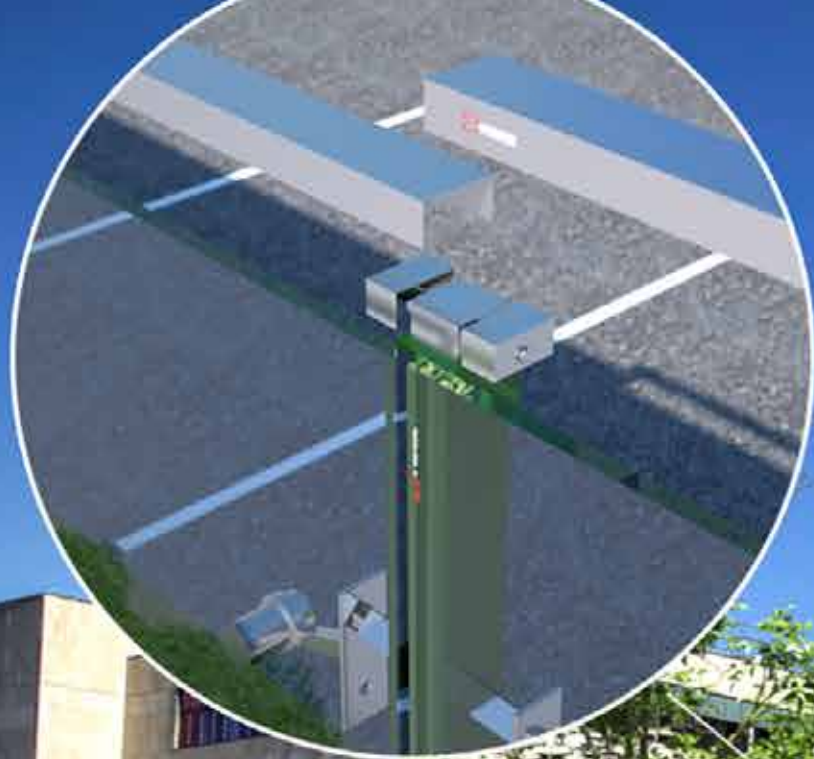
Highways, Gas Stations & Rest Areas

Highways, Gas Stations and Rest Areas, as well as roadside restaurants have become very popular in many countries around the world, and consequently the focus of crime, theft and vandalism. By making use of the systems of the Upgrade series, D-Fence has been able to turn these areas into safer and more comfortable places.

Systems for Highways, Gas Stations and Rest Areas:

1. D-Taut Wire Perimeter Intrusion Detection System
2. D-Corative Perimeter Intrusion Detection System
3. D-Pressure Strip Intrusion Detection System
4. Electronic Field Fence Perimeter Intrusion Detection System
5. Electronic Welded Mesh Perimeter Intrusion Detection System
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Hospitals & Medical Centers

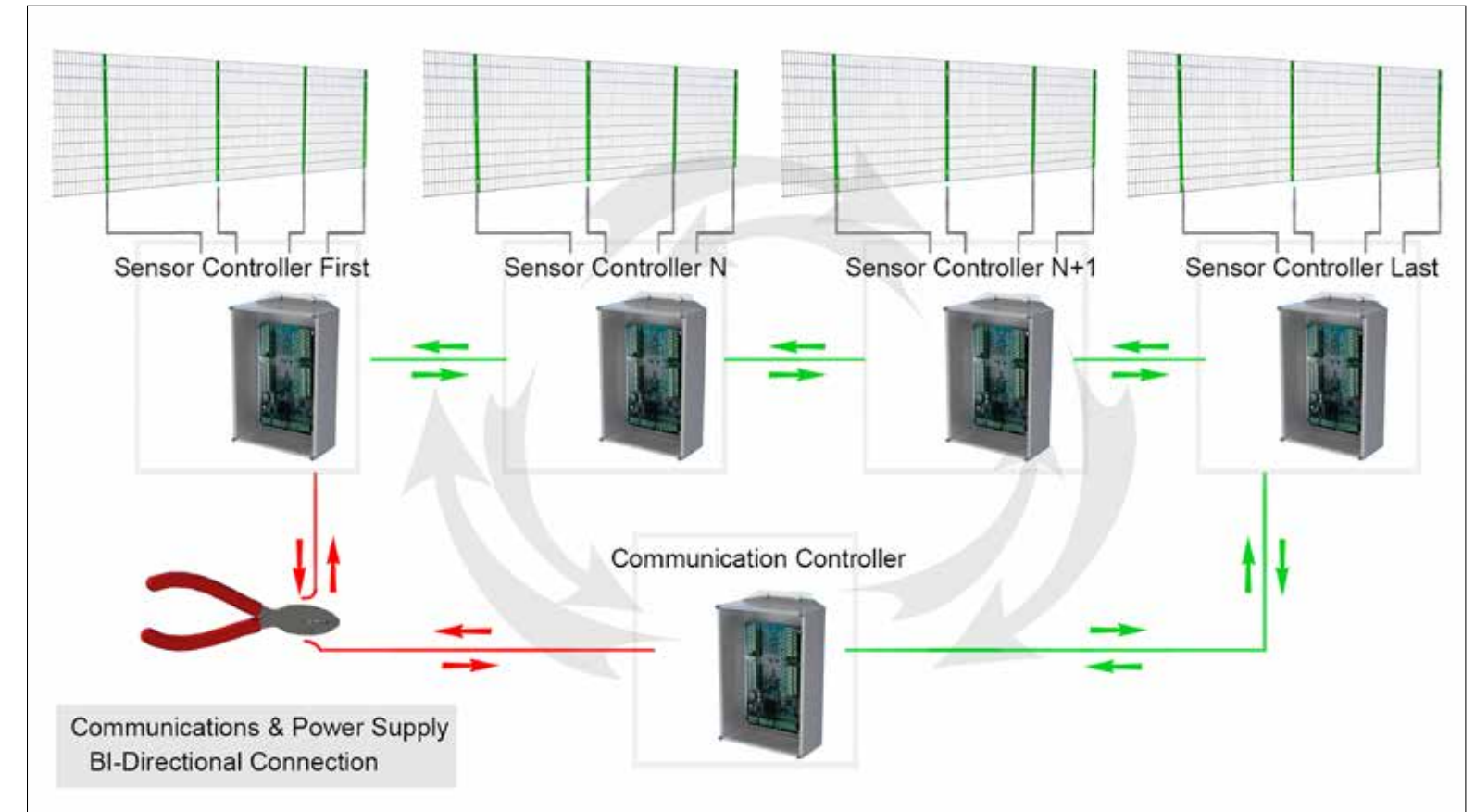
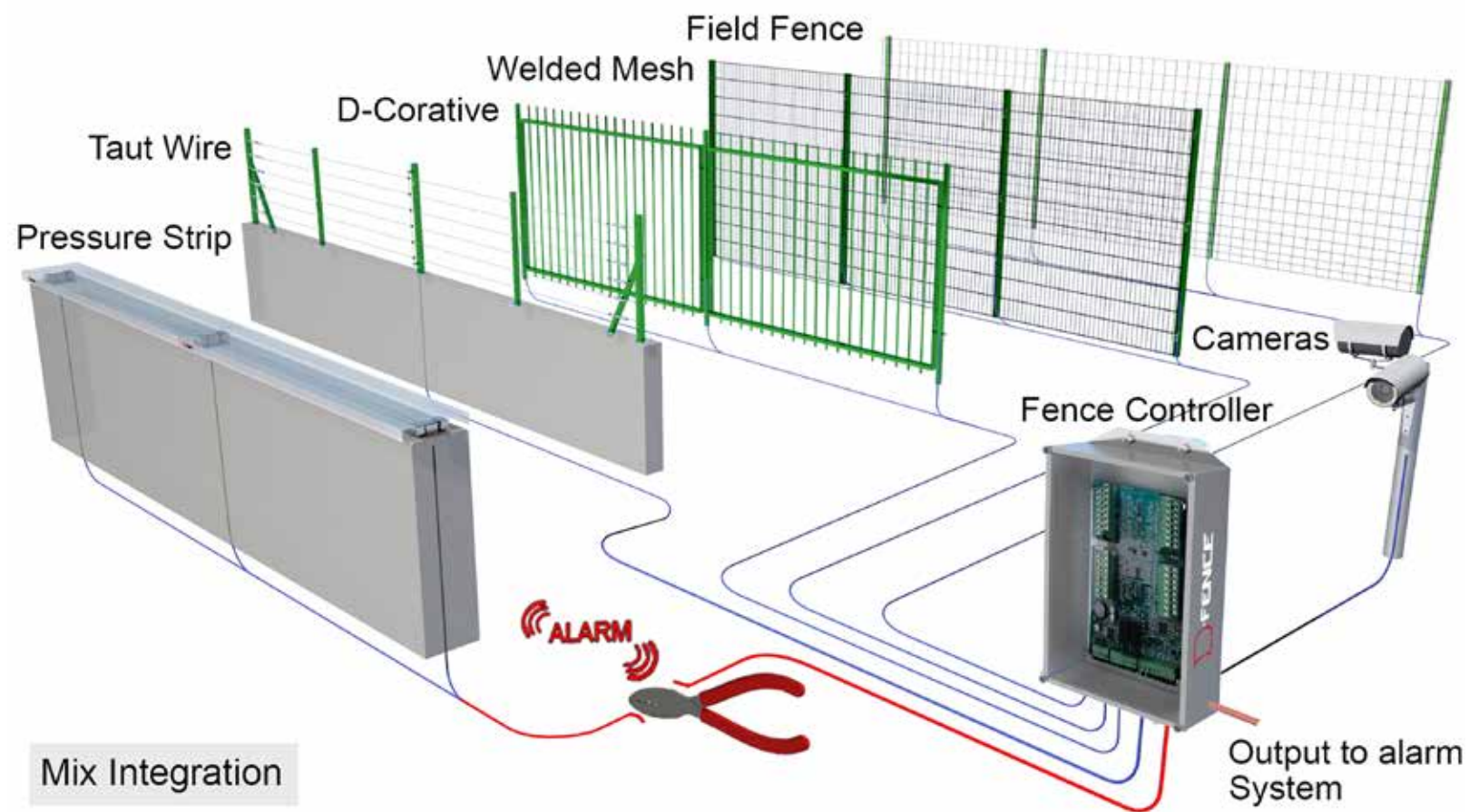


Hospitals, Clinics and Medical Centers require territorial security for the complex and complete control over unauthorized persons that can penetrate the compounds through the perimeter fence, and also in terms of sensitive areas like drug storage areas, generator areas, machinery rooms, Oxygen tanks, etc. For each one of these subjects, D-Fence has created solutions that can integrate into the security means, both in the architectural and in the functional aspects, in the required zone.

Systems for Hospitals and Medical Centers:

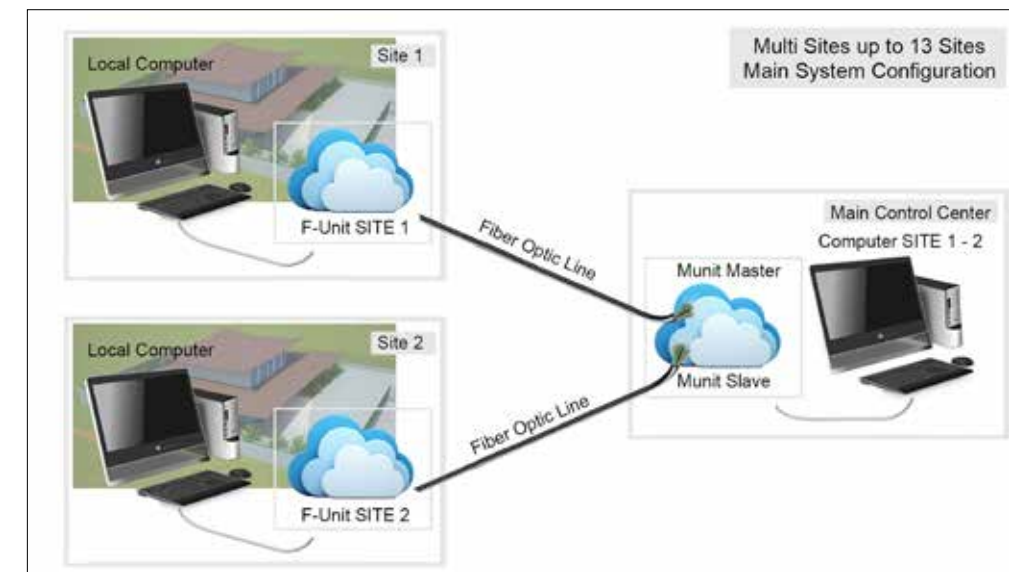
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9. Computerized Control Center





Integration

D-Fence, additionally to providing its own systems and electronic components, has the capability to integrate them into any existing or external system like CCTV Cameras, Access Control Systems, Security Lights, Control Centers, Alarm Panels, etc. using both RS232 and RS485 protocols. D-Fence has the capability to build a complete system, or to add and integrate it into any type existing ones.



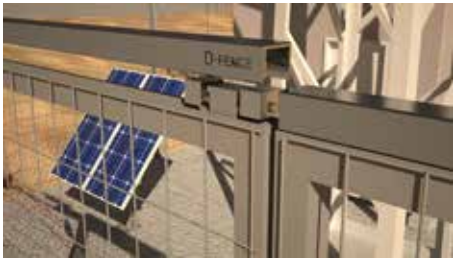


Mechanical Safety

The technological developments, the robotics and the increased use in lasers created a need to protect the mechanical equipment and the employees that operate the systems. For this purpose, D-Fence has designed modular security systems that are embedded in the existing general security and protection systems that have been set up in the installation. Any attempt to climb or dismantle them or any attempt by an unauthorized person to bypass them will generate an alarm and/or will cause the machine to shut off.

Systems for Green Mechanical Safety:

1. D-Pressure Strip Perimeter Intrusion Detection System
2. Electronic Welded Mesh Perimeter Intrusion Detection System
3. Computerized Control Center





Military Installations

Military and Intelligence installations have become in the last years targets for intrusion and penetration, both on the intelligence and the hostile action levels. To provide adequate security for these installations, High Security level systems are required, systems that are built by no less than three security rings that include electronic, intelligent fences, security cameras, and a Command and Control Center. D-Fence has developed systems that give answer to these needs and requirements, that can be installed and that work perfectly in the most extreme conditions like desert environments, areas with extremely high and/or extremely low temperatures, etc. The systems are built with dual connections so that even sabotaging the communication and power cable won't stop the system from working, and will provide response to the new terror threats by preventing intrusions from unauthorized people and a wide range of protection and security possibilities according to the needs of each installation.

Systems for Military Installations:

- | | |
|--|--|
| 1. D-Taut Wire Perimeter Intrusion Detection System | 5. Electronic Welded Mesh Perimeter Intrusion Detection System |
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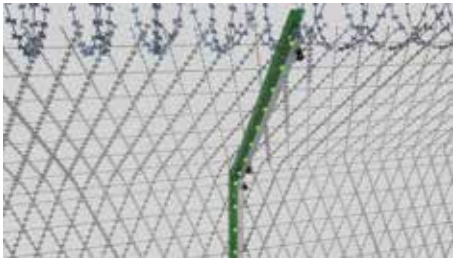


Military Installations, Borders & Frontiers

The protection of borders and frontiers is a subject that today many countries around the world have to deal with, being either because of territorial disputes, conflicts and wars, infiltrations, smuggling (of drugs, equipment, etc.), refugees, etc. For this risks and threats, D-Fence has developed a series of systems to allow the relevant bodies to deal with all the above threats. We are talking about modular systems that can be installed according to the relativity of the threat.

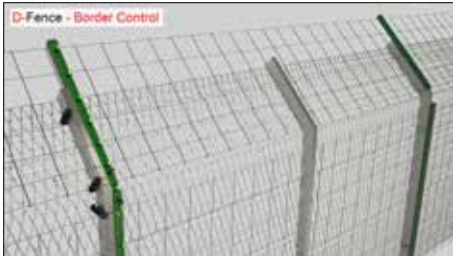
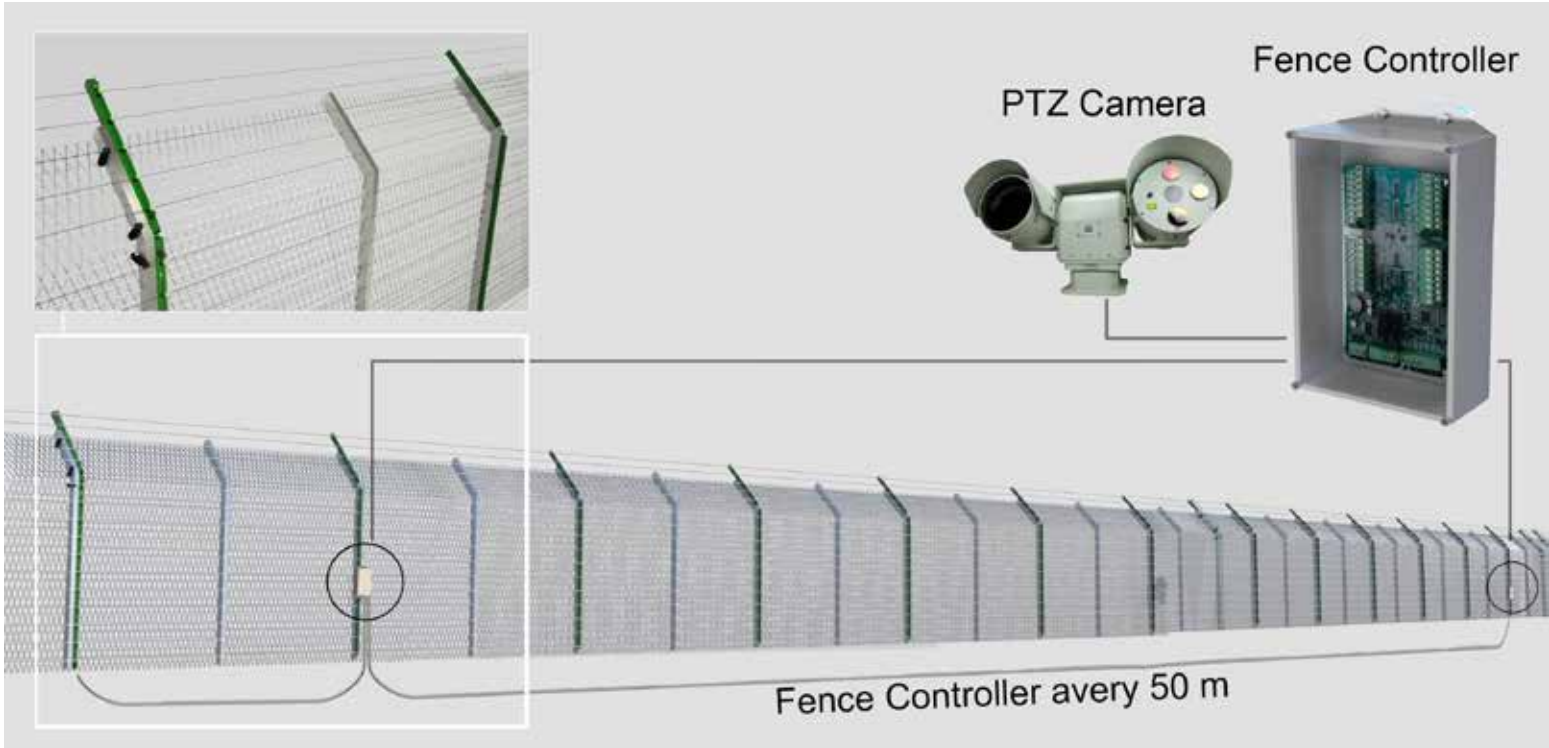
Systems for Borders and Frontiers:

1. D-Taut Wire Perimeter Intrusion Detection System
2. Electronic Field Fence Perimeter Intrusion Detection System
3. DF-2100 Electronic Razor Wire Concertina
4. Electronic Welded Mesh Perimeter Intrusion Detection System
5. D-Bolt Security System
6. D-Ground Perimeter Intrusion Detection System
7. Computerized Control Center





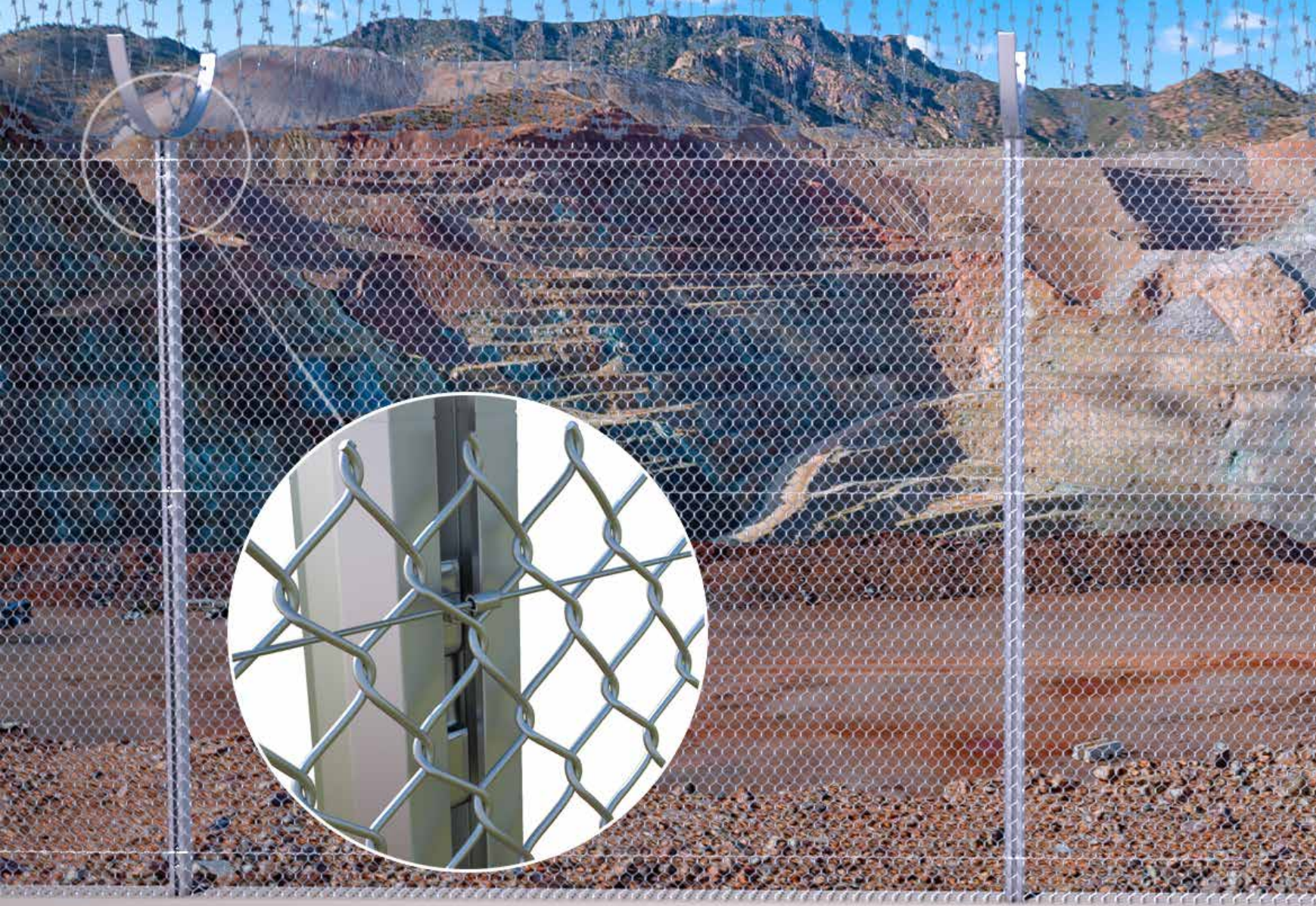
Military Installations,
Borders & Frontiers





Military Installations,
Borders & Frontiers



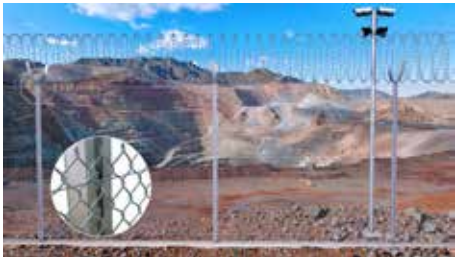
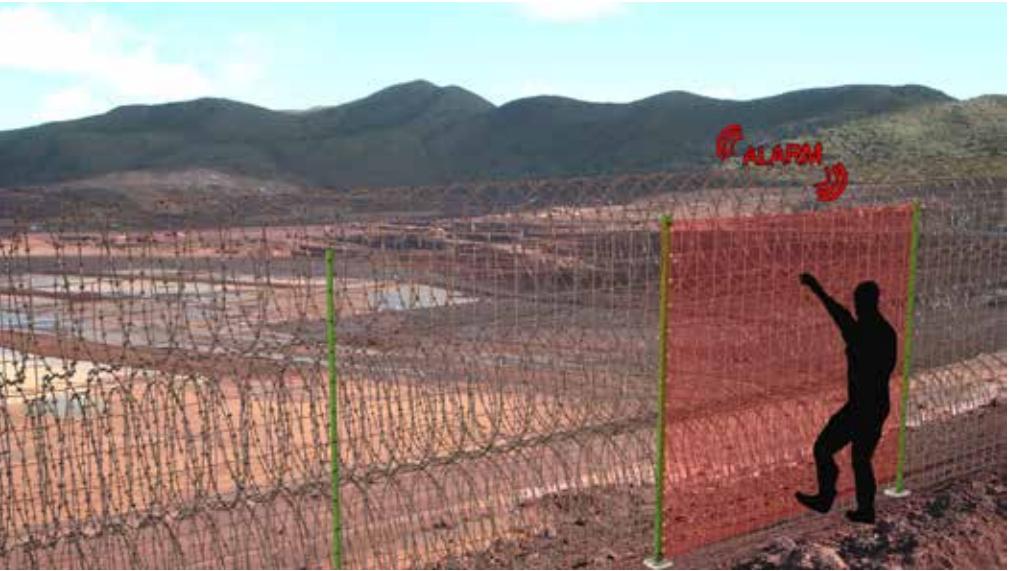


Mines

The protection of mines requires first and foremost control over very big areas of territory, control over the infrastructure, the mechanical equipment and the workforce personnel. The protection suit that D-Fence has built for the mines includes integration between tens of systems, related to each other, and provide response with command and control over the large areas, according to the client's needs. The product package described here is a part of this puzzle, optimized after a risk assessment that D-Fence has developed and assembles for the protection of mines.

Systems for Mines:

1. D-Taut Wire Perimeter Intrusion Detection System
2. DF-2100 Electronic Concertina Intrusion Detection System
3. Electronic Field Fence Perimeter Intrusion Detection System
4. D-Bolt Security System
5. Computerized Control Center





Museums

The protection of artworks, paintings, sculptures and heritage values both on a national and on a private level is a mission by itself. The high level requests from the governments and from the security forces led D-Fence to create unique systems that are fit for the task both from the functionality and also from the architectural aspects. The systems are invisible and won't interfere with the existing environment (these are modular systems), and they provide answers to sophisticated intrusion and theft attempts, with early warning. D-Fence has developed a wide range of systems for this specific purpose that are presented to architects, security officers and art treasurers to provide maximum protection to the artworks.

Systems for Museums:

1. D-Taut Wire Perimeter Intrusion Detection System
2. D-Corative Perimeter Intrusion Detection System
3. D-Pressure Strip Intrusion Detection System
4. Electronic Field Fence Perimeter Intrusion Detection System
5. Electronic Welded Mesh Perimeter Intrusion Detection System
6. D-Bolt Security System
7. D-Ground Security System
8. Computerized Control Center



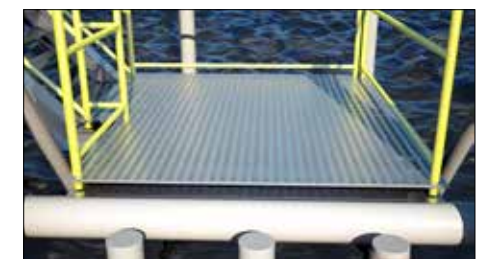
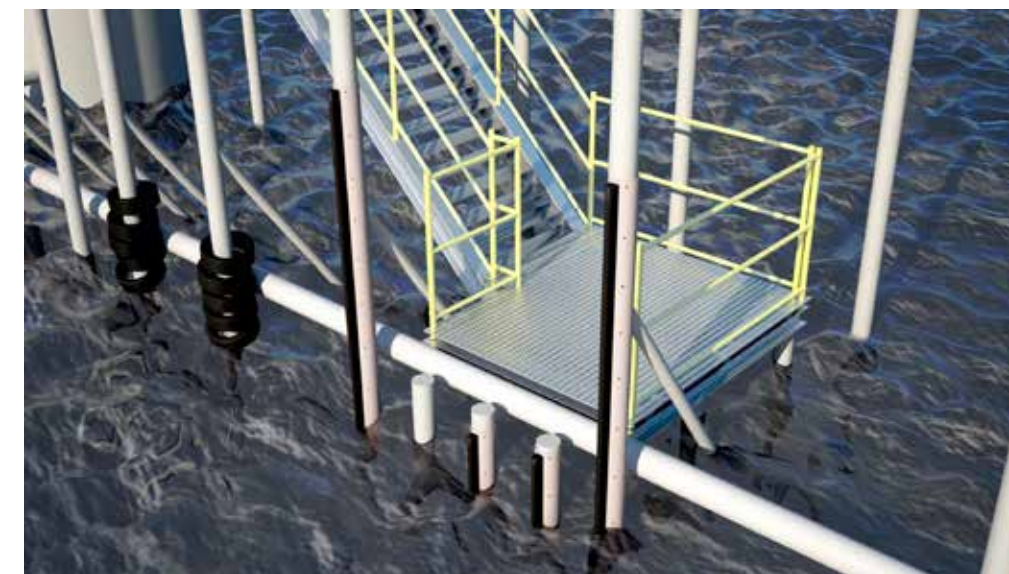


Offshore Oil & Gas Platforms

The task to provide security and protection for offshore oil and gas platforms, which recently are under constant terror and other security threats, gave rise to the need to find creative solutions because of their location deep in areas with high corrosion and extremely harsh environmental conditions. In order to prevent approaching or infiltrations attempts to the platform by boats, or attempts to damage or to gain access to the physical structure of the platform, D-Fence has developed a protection enclosure that provides the solutions that will allow the decision makers to make use of them according to the level of threats.

Systems for Offshore Oil and Gas Platforms:

1. D-Taut Wire Perimeter Intrusion Detection System
2. D-Pressure Strip Intrusion Detection System
3. DF-2100 Electronic Concertina Intrusion Detection System
4. Electronic Field Fence Perimeter Intrusion Detection System
5. D-Bolt Security System
6. Computerized Control Center



Playgrounds

Playgrounds and parks, which usually attract thousands of families and especially small children, are places that are often surrounded by regular fences that don't provide any indication of intrusions by non-authorized persons, and can very easily be bypassed providing non-restricted access to the site.

For this purpose D-Fence has developed the D-Corative and the Electronic Welded Mesh systems, among others, that supply a technological addition to the existing fences turning them into advanced electronic warning systems that can additionally be connected to CCTV cameras.

Systems for Playgrounds:

1. D-Taut Wire Perimeter Intrusion Detection System
2. D-Corative Perimeter Intrusion Detection System
3. D-Pressure Strip Intrusion Detection System
4. Electronic Field Fence Perimeter Intrusion Detection System
5. Electronic Welded Mesh Perimeter Intrusion Detection System
6. D-Bolt Security System
7. D-Ground Security System
8. Computerized Control Center





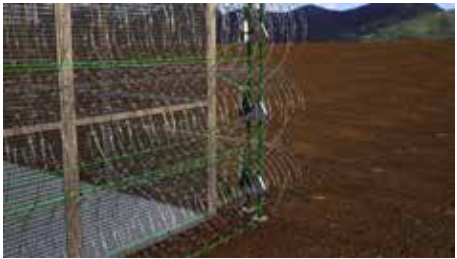
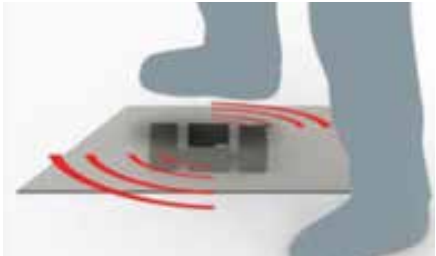
Power Generation Facilities stations & sub-stations

The protection of Power Generation Facilities, Stations and Sub-Stations is characterized by the search for systems that are explosion-proof while providing both deterrence and early alarm against intrusions. Since the great majority of these types of installations are already protected one way or another, D-Fence has developed several protection and detection systems designed to Upgrade any existing means already installed into smart intrusion detection systems with zero false alarms.

The systems presented below can be installed independently or can be combined into existing security means and can also integrate with additional existing and new systems by way of a sophisticated control interface that, in combination with D-Fence's unique sensors, create a safe and secure system that provides protection to the wide range of installations.

Systems for Power Generation Facilities:

1. D-Taut Wire Perimeter Intrusion Detection System
2. D-Pressure Strip Intrusion Detection System
3. Electronic Field Fence Perimeter Intrusion Detection System
4. DF-2100 Electronic Razor Wire Concertina
5. Electronic Welded Mesh Perimeter Intrusion Detection System
6. D-Bolt Security System
7. D-Ground Perimeter Intrusion Detection System
8. Computerized Control Center



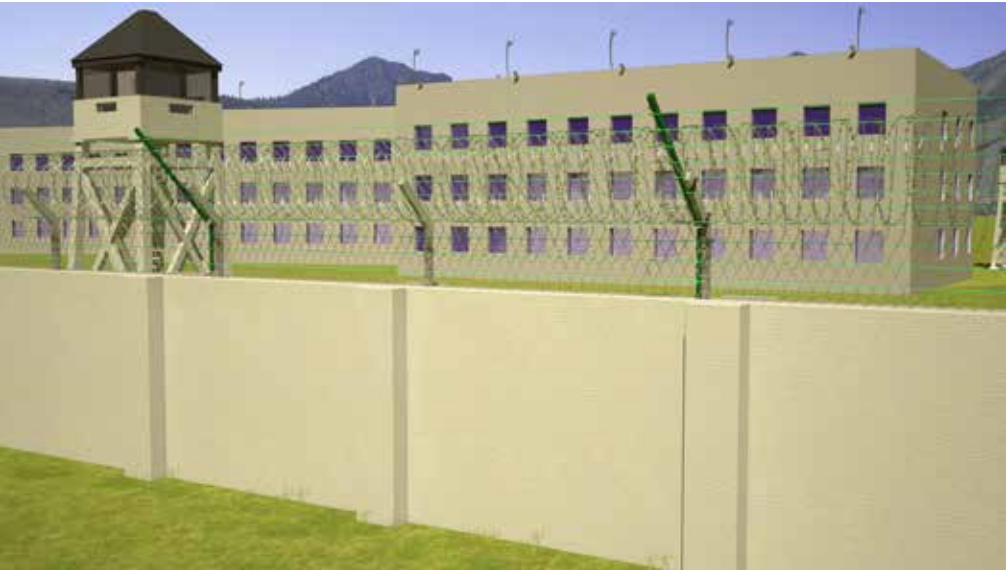


Prisons & Jails

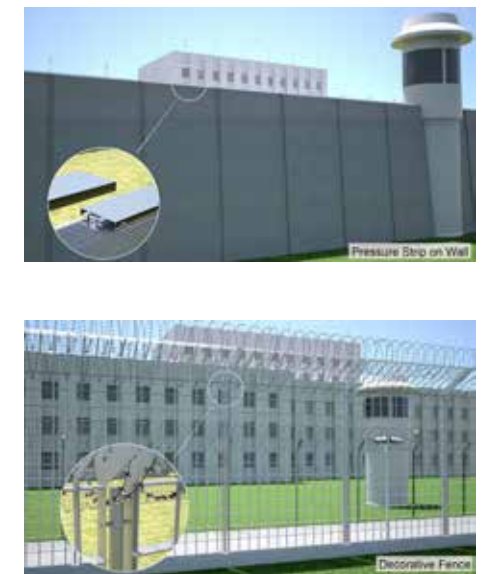
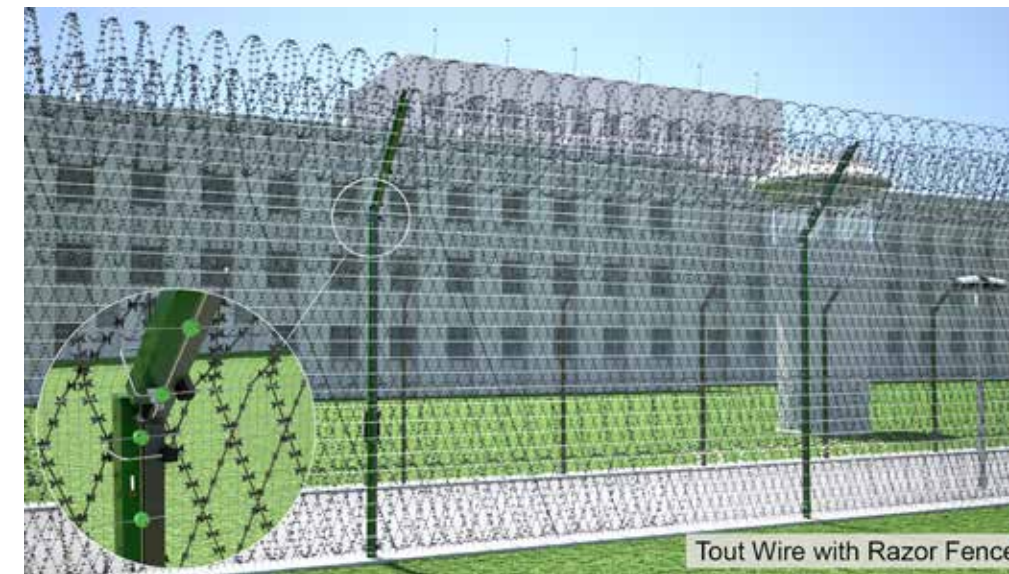
The subject of detention and incarceration has become, with the years passing, a global problem. From Federal to privately operated prisons, as well as detention centers for refugees, all of them require the most strict security measures. D-Fence has developed systems that provide a complete response, both in terms of upgrading old and obsolete systems, and in terms of providing an environment that allows for complete protection and for a sense of security without compromises. We are talking about systems that are decorative, aesthetic, eco-friendly, that are not electrical, yet provide the highest level of security. These systems present a change in the architectural concept of prisons and jails, and provide a more pleasant feeling without a compromise in the security or the detection levels.

Systems for Prisons and Jails:

1. D-Taut Wire Perimeter Intrusion Detection System
2. D-Corative Perimeter Intrusion Detection System
3. D-Pressure Strip Intrusion Detection System
4. DF-2100 Electronic Concertina Security System
5. Electronic Field Fence Perimeter Intrusion Detection System
6. Electronic Welded Mesh Perimeter Intrusion Detection System
7. D-Bolt Security System
8. D-Ground Perimeter Intrusion Detection System
9. Computerized Control Center



Prisons & Jails





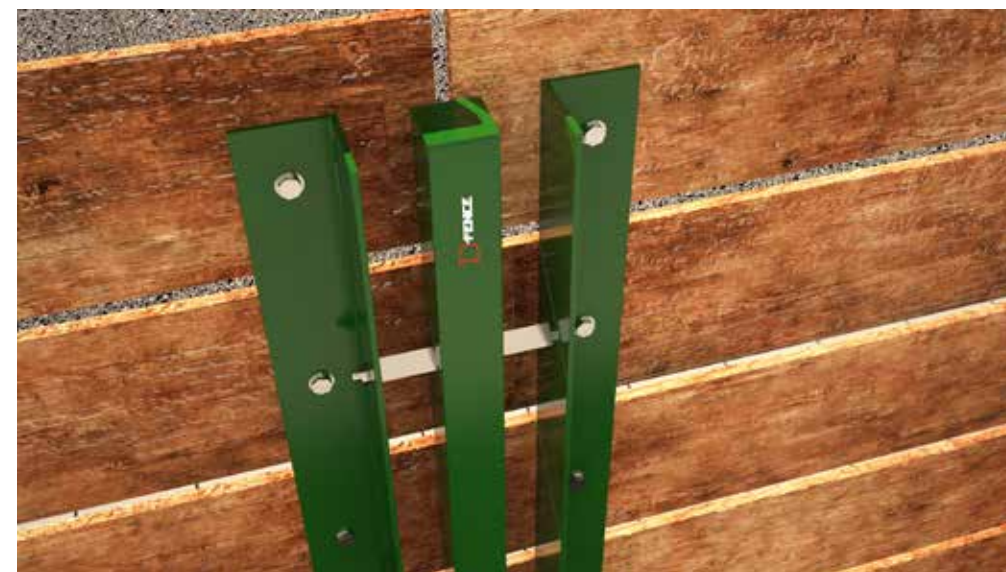
Private Villas, Houses & Homes

D-Fence has designed and developed a unique series of perimeter protection systems for Condominiums, Private Villas, Houses and Homes, that include the D-Corative, the D-Pressure Strip, the D-Taut Wire, the Green Revolution System and others. Years of experiencing systems with a huge number of false alarms and systems that don't provide complete security raised in D-Fence the challenge to develop security systems for private homes that can tackle common inconveniences like the ones caused by growing vegetation, small animals, weather conditions and urban environment. D-Fence has developed quiet and efficient systems that are not affected by these factors, work around the clock, provide maximum security with no false alarms and with almost no maintenance, and help create a safe environment with no health hazards. One of these systems is the Green Security Revolution, that allows being close to a security system with no fear of harm caused by an electric shock or radiation or injury to family members and pets or animals. Additionally, the use of these systems clears the owner/resident of the house and the authorities of the responsibility of any harm that can be caused to any trespasser. the systems we present can be upgraded or re-designed based on the existing blueprints and diagrams.





Private Villas, Houses & Homes





Private Villas, Houses & Homes





Private Villas, Houses & Homes



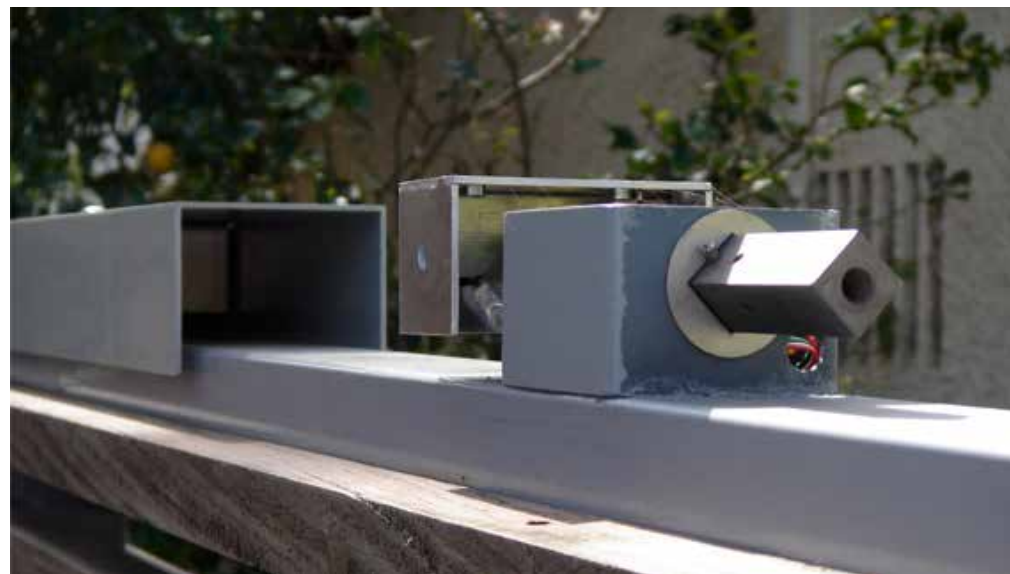


Private Villas, Houses & Homes





Private Villas, Houses & Homes



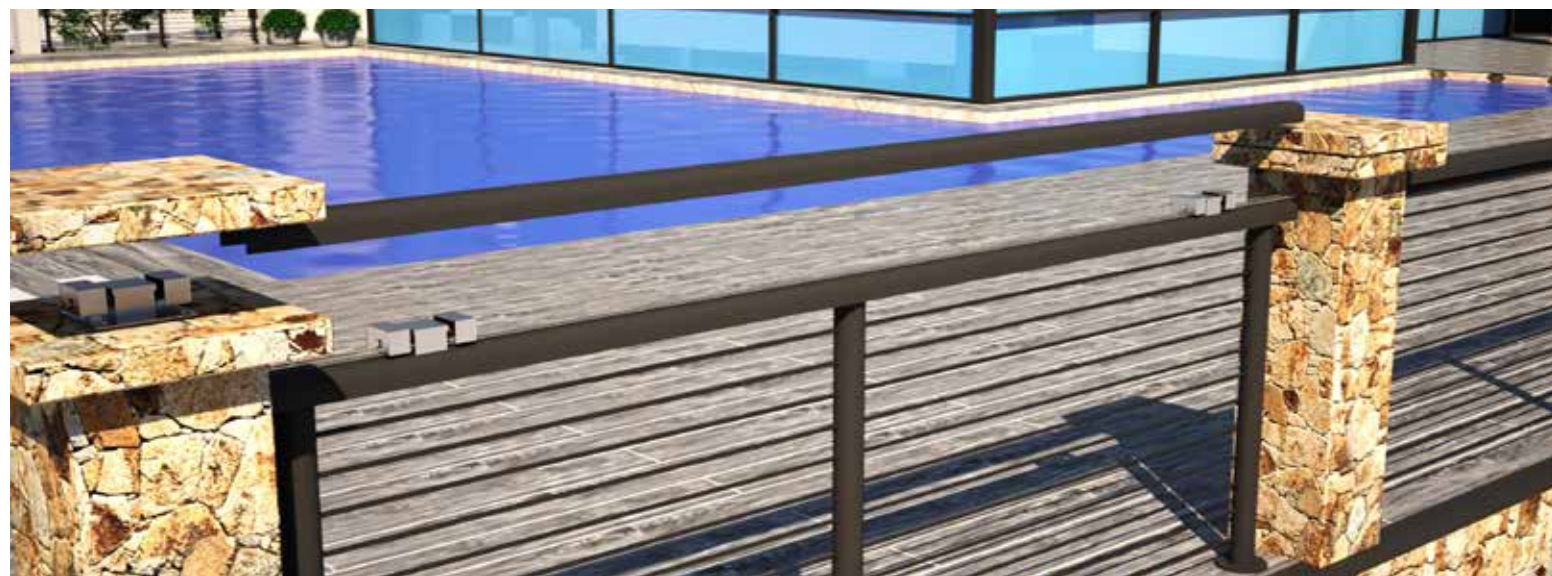


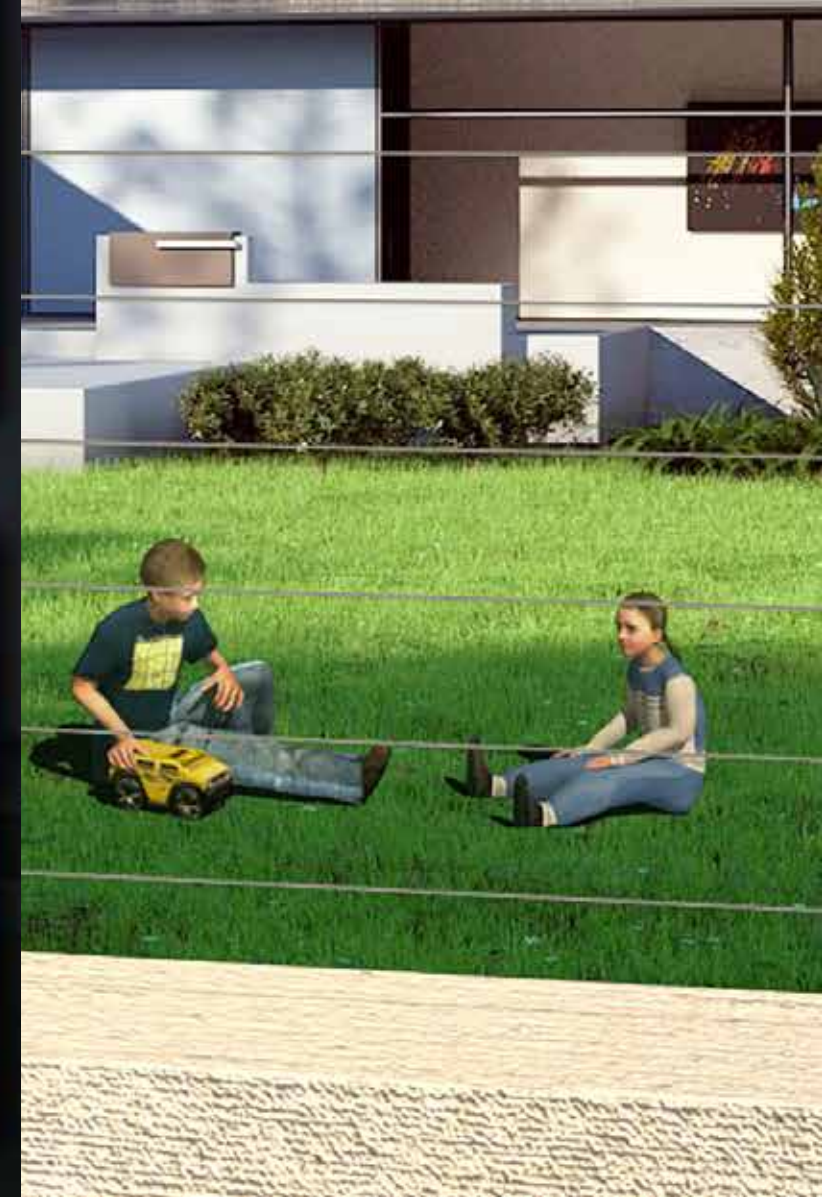
Private Villas, Houses & Homes





Private Villas, Houses & Homes





Private Villas, Houses & Homes





Hong Kong Private Home - Pressure Strip

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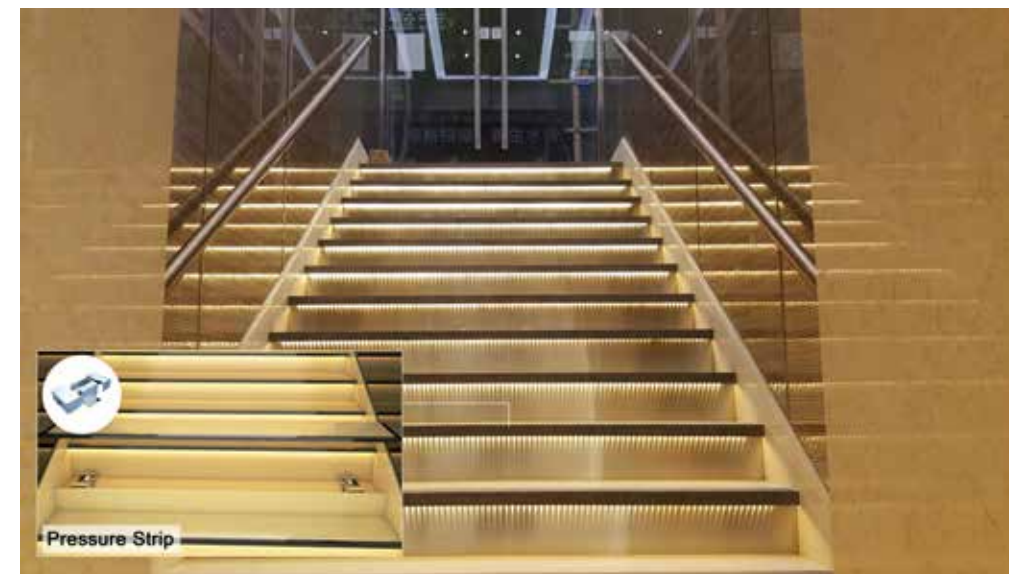


Private Villas, Houses & Homes - Pressure Strip





Private Villas, Houses & Homes - Pressure Strip





Protection of Posts

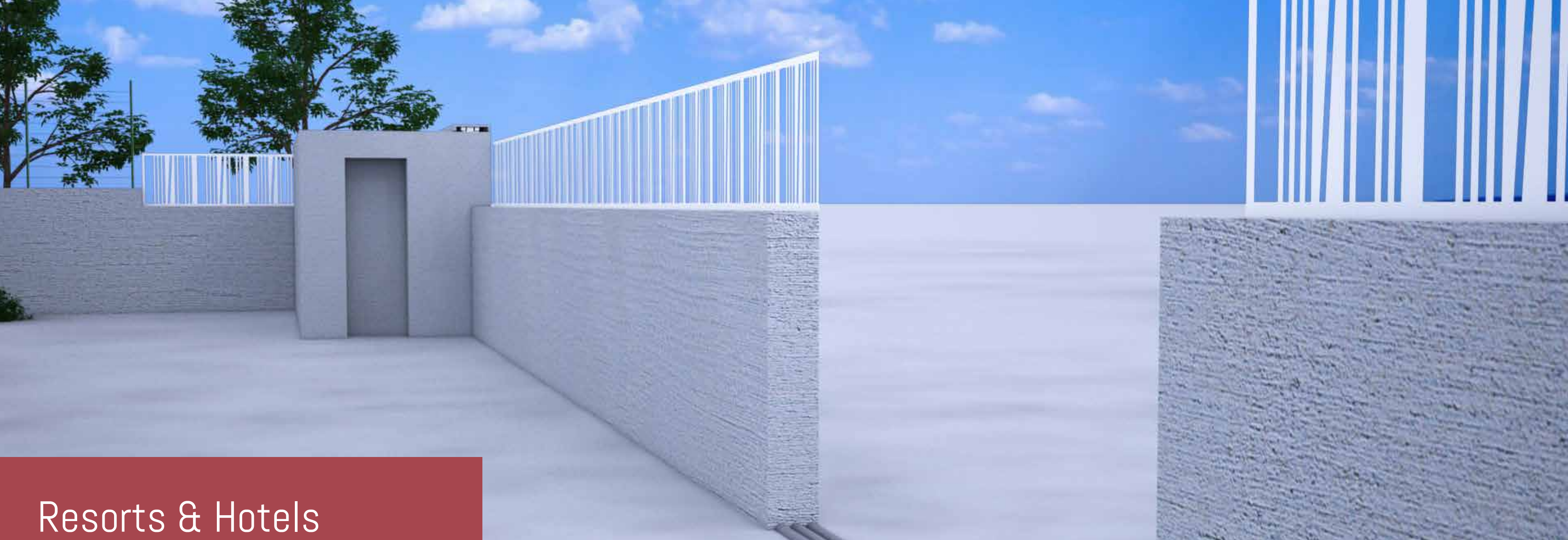
D-Fence has developed a modular security system based on the "open-design" concept to provide protection for posts that hold sensitive and expensive equipment like CCTV cameras, radio and cellular antennae, electronic boards, etc.

An early alarm, with precise information and location, about any attempt to steal or damage the equipment on the post is received directly at the monitoring center and/or to a smartphone or tablet, giving the security forces time to react.

Systems for the protection of posts:

1. D-Corative Perimeter Intrusion Detection System
2. Electronic Field Fence Perimeter Intrusion Detection System
3. DF-2100 Electronic Razor Wire Concertina
4. Electronic Welded Mesh Perimeter Intrusion Detection System
5. D-Bolt Security System
6. Computerized Control Center





Resorts & Hotels

The terror attacks against hotels around the world in the last few years compelled the security forces to seek and find solutions for the security of hotels and resorts. D-Fence has developed a series of perimeter protection systems, designed to provide early warning about any intrusion by unauthorized people to the hotel/resort complex and the open areas that surround them, immediately with the intrusion attempt to the area. The special systems allow for early detection and will work in complete integration with already existing systems at the site and with the security procedures of the hotel.

Systems for Resorts and Hotels:

1. D-Taut Wire Perimeter Intrusion Detection System
2. D-Corative Perimeter Intrusion Detection System
3. D-Pressure Strip Intrusion Detection System
4. Electronic Field Fence Perimeter Intrusion Detection System
5. DF-2100 Electronic Razor Wire Concertina
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Resorts & Hotels





Sea Ports

The Sea Ports were declared by the American Authorities, as well as many other authorities in the world, as strategic assets that have to comply with the most rigorous security requirements with the highest standards and uncompromising laws. D-Fence has developed an ultimate protection package according to these requirements and it includes security systems which have been adapted to work under the most extreme environmental conditions, harsh weather, salty environments and noise.

Systems for Sea Ports:

1. D-Taut Wire Perimeter Intrusion Detection System
2. D-Corative Perimeter Intrusion Detection System
3. D-Pressure Strip Intrusion Detection System
4. DF-2100 Electronic Concertina Security System
5. Electronic Field Fence Perimeter Intrusion Detection System
6. Electronic Welded Mesh Perimeter Intrusion Detection System
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9. Computerized Control Center



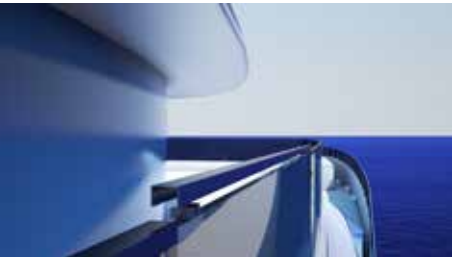


Ship & Yacht Security

The increasing threats around the world of takeovers and kidnappings of merchant ships, tankers and even yachts, led D-Fence to design and develop security systems for maritime transportation means. The systems are tailored for each one of these means according to the level of risk and threat determined for each particular one.

Systems for Ship and Yacht Security:

1. D-Taut Wire Perimeter Intrusion Detection System
2. D-Pressure Strip Intrusion Detection System
3. DF-2100 Electronic Concertina Security System
4. Electronic Field Fence Perimeter Intrusion Detection System
5. D-Bolt Security System
6. Computerized Control Center





Solar Farms & Solar Panels

The growing demand for alternative energy sources has brought, in the last few years, great developments in the solar panel industry that are being installed both on the ground or on top of structures. The enemies of this industry are vandalism and crime to which the equipment is exposed. To protect these assets, D-Fence has developed a series of applications of its systems, which provide safe, reliable and efficient protection

Systems for Solar Farms and Solar Panels:

1. D-Taut Wire Perimeter Intrusion Detection System
2. D-Corative Perimeter Intrusion Detection System
3. D-Pressure Strip Intrusion Detection System
4. Electronic Field Fence Perimeter Intrusion Detection System
5. Electronic Welded Mesh Perimeter Intrusion Detection System
6. D-Bolt Security System
7. D-Ground Security System
8. Computerized Control Center



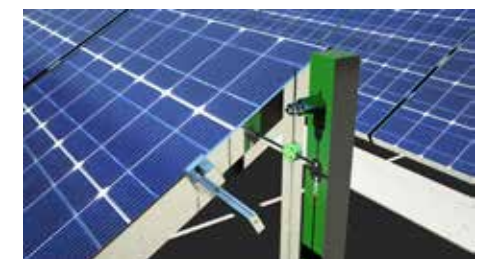
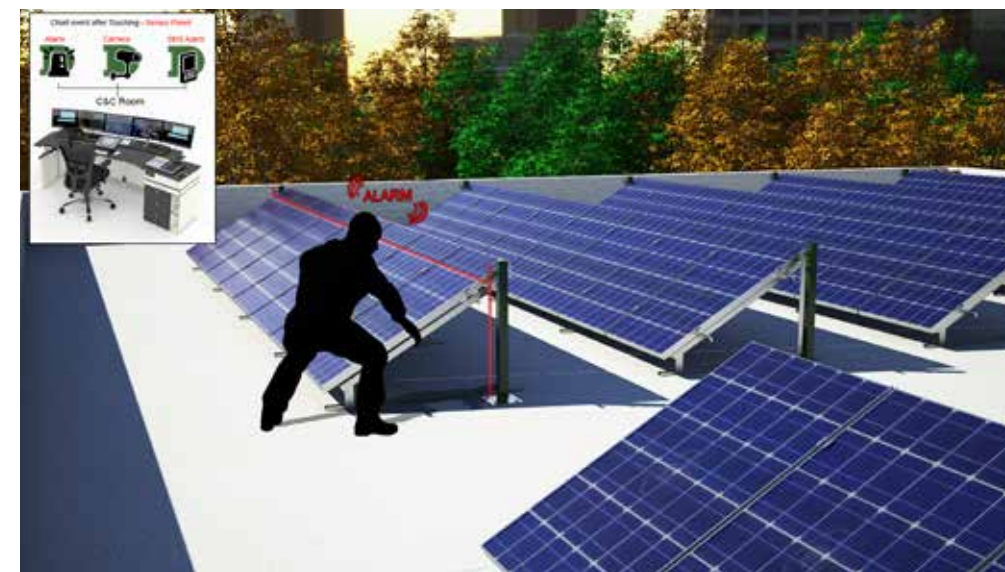


Solar Farms & Solar Panels

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Systems for Solar Farms and Solar Panels:

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Stadiums & Sport Venues

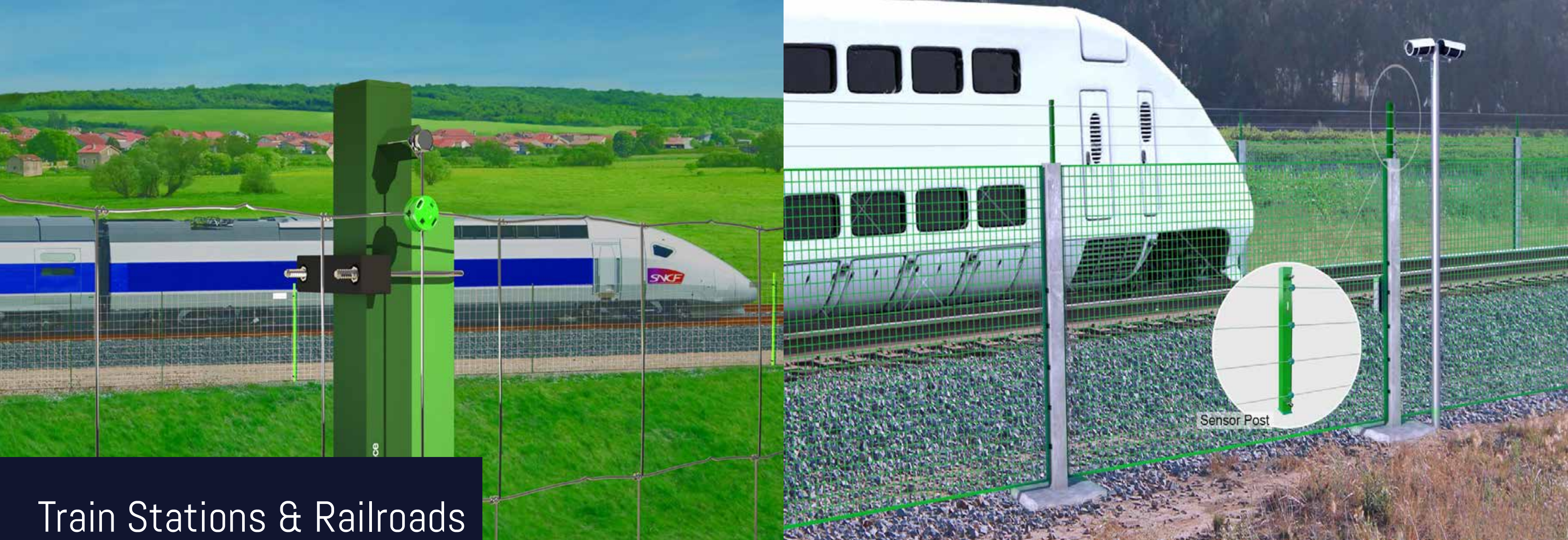


The need to protect the privacy and to ensure the security of the players and club members, both the personal security and the security of their private belongings, gave rise to the need to develop Open-Design type systems that must fit and integrate with the surroundings and must provide a sense of security. For this purpose, D-Fence has developed the "Sport Security", that includes a variety of systems to be used by the Security Officers and also by the building and landscape architects of the venues. The systems can be installed on already existing systems on the field, and can also be programmed for new installations and venues.

Systems for Stadiums & Sport Venues:

1. D-Taut Wire Perimeter Intrusion Detection System
2. D-Corative Perimeter Intrusion Detection System
3. D-Pressure Strip Intrusion Detection System
4. Electronic Field Fence Perimeter Intrusion Detection System
5. Electronic Welded Mesh Perimeter Intrusion Detection System
6. D-Bolt Security System
7. D-Ground Security System
8. Computerized Control Center





Train Stations & Railroads

The worldwide train industry, both passenger and cargo, is developing to monumental proportions in the aspects of technology, speed and crossing of borders, even between continents. The increasing threats to stations and terminals, terror threats, vandalism and theft require creative solutions inside the trains themselves and also on the infrastructure, including the railroads and require from the security forces to provide functional solutions for maximum protection. The systems developed by D-Fence, which can be installed along the rails and that can withstand the most harsh environmental conditions, as well as the walls and fences alongside the rails, are immune to vibrations and don't generate false alarms because of shock waves, speed or vibrations. D-fence has also developed decorative and aesthetic detection systems for the terminals and convenience areas, that perfectly integrate with the architectural design of the station of terminal.

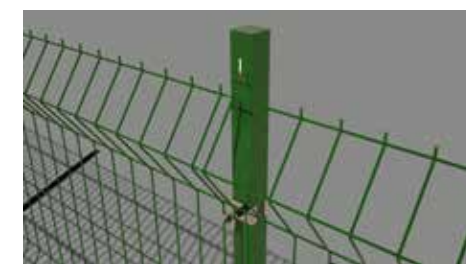
Systems for Resorts and Hotels:

1. D-Taut Wire Perimeter Intrusion Detection System
2. D-Corative Perimeter Intrusion Detection System
3. D-Pressure Strip Intrusion Detection System
4. Electronic Field Fence Perimeter Intrusion Detection System
5. DF-2100 Electronic Razor Wire Concertina
6. Electronic Welded Mesh Perimeter Intrusion Detection System
7. D-Bolt Security System
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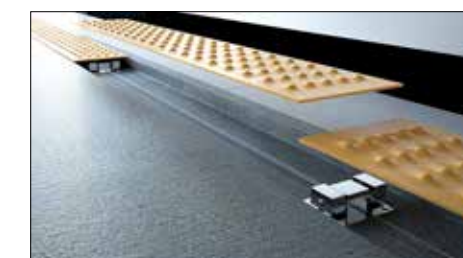
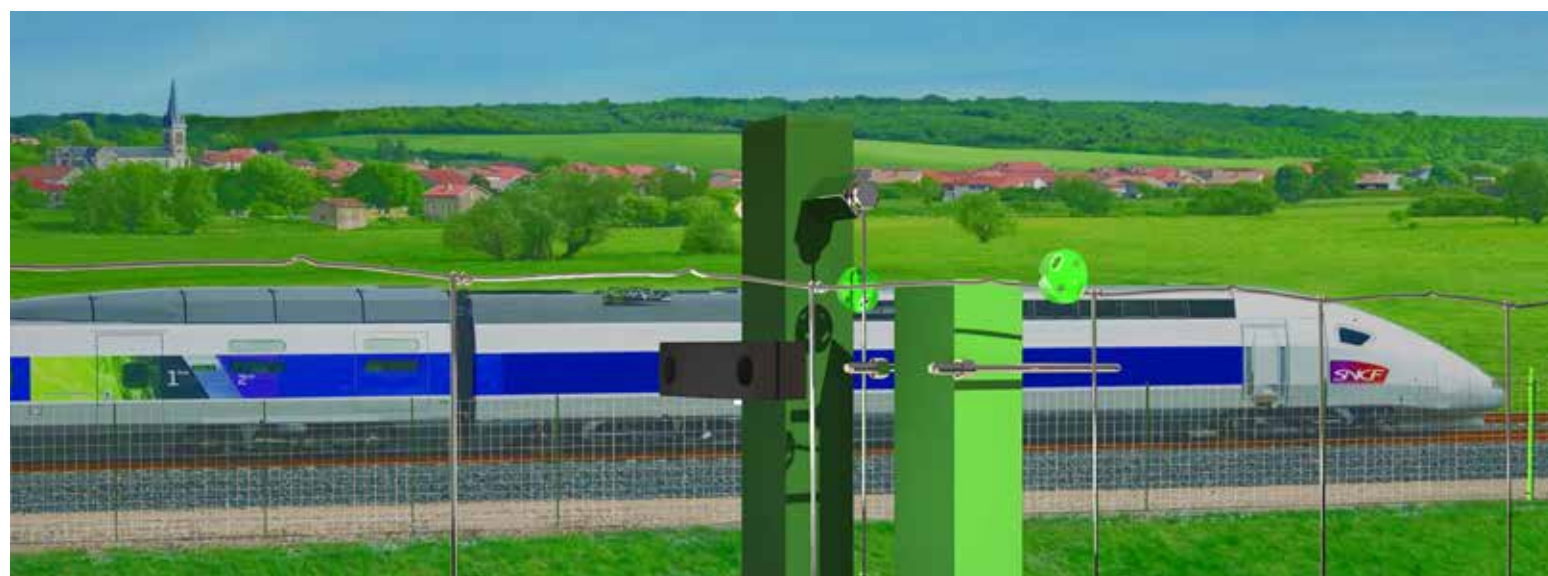


Train Stations & Railroads





Train Stations & Railroads





Train Stations & Railroads Germany





Universities, Colleges, & Schools



D-Fence has worked very hard on the development of perimeter protection systems adapted to a wide range of educational institutes, universities and schools. D-Fence's methodology is based on preventing the intrusion of unauthorized persons to the area of the educational institution, by means of green and safe systems (D-Fence's Green Security Revolution) that are meant to replace the old generation of security systems, don't generate radiation, and are harmless to the students (unlike barbed wires, razor wires or broken glass).

D-Fence has developed an integral perimeter system with Open Design that works 24/7, and that can be integrated with existing or new CCTV systems, Control Center, the gates and any other existing systems, while blending perfectly with the surroundings and the environment where they are installed. The integration and combination of the unique technology will provide the several types of educational institutes, as well as to the architects and/or security officers the possibility of a very high level of control and supervision regarding both in terms of functionality and in terms of price.

The systems presented below can be upgraded or re-designed based on the existing blueprints and diagrams.

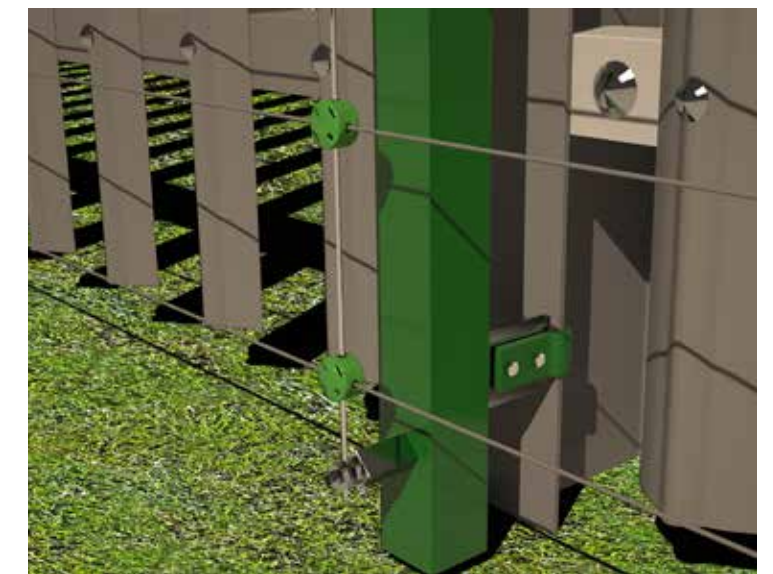
Systems for Universities, Colleges, Schools and other Educational Institutes:

1. D-Taut Wire Perimeter Intrusion Detection System
2. D-Corative Perimeter Intrusion Detection System
3. D-Pressure Strip Perimeter Intrusion Detection System
4. Electronic Field Fence Perimeter Intrusion Detection System
5. Electronic Welded Mesh Perimeter Intrusion Detection System
6. D-Bolt Security System
7. D-Ground Perimeter Intrusion Detection System
8. Computerized Control Center





Universities, Colleges, & Schools



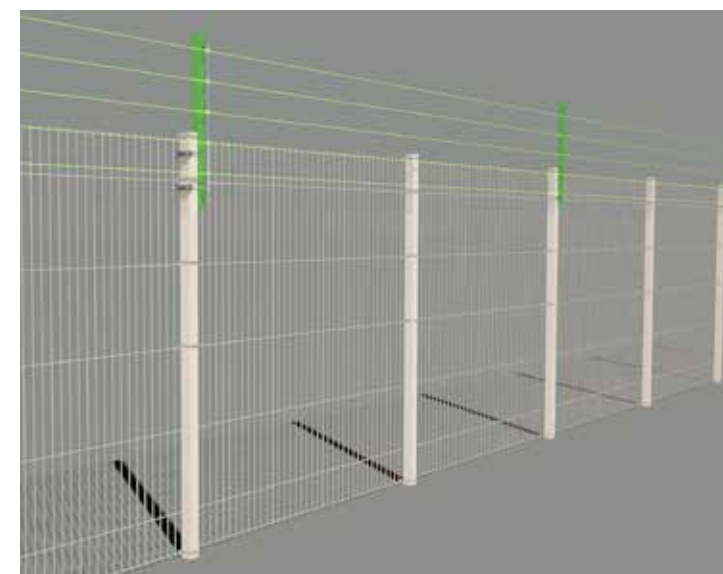


Universities, Colleges, & Schools





Universities, Colleges, & Schools





Water Protection

In the last years, Water Resources have become a priceless commodity, a fact that has required us to develop unique protection and security systems for them, D-Fence's Water Security, which includes security and supervision for all types of water installations like reservoirs, treatment plants, hydrologic stations, dams, pumps and support equipment. The systems we are talking about have been successfully tested in tens of sensitive installations and have proven their efficiency against sabotage, criminal acts and terrorism. The systems are made from materials that withstand the most extreme environmental conditions including extreme weather conditions, high humidity, high salinity, moisture, etc.

The systems presented below can be installed independently or can be combined into existing security means and systems and can also integrate with additional existing and new systems by way of a sophisticated control system that, in combination with D-Fence's unique sensors, create a safe and secure system that provides protection to the wide range of water installations.

Systems for Water Security

- | | |
|--|--|
| 1. D-Taut Wire Perimeter Intrusion Detection System | 4. Electronic Welded Mesh Perimeter Intrusion Detection System |
| 2. Electronic Field Fence Perimeter Intrusion Detection System | 5. D-Bolt Security System |
| 3. DF-2100 Electronic Razor Wire Concertina | 6. D-Ground Perimeter Intrusion Detection System |
| | 7. Computerized Control Center |



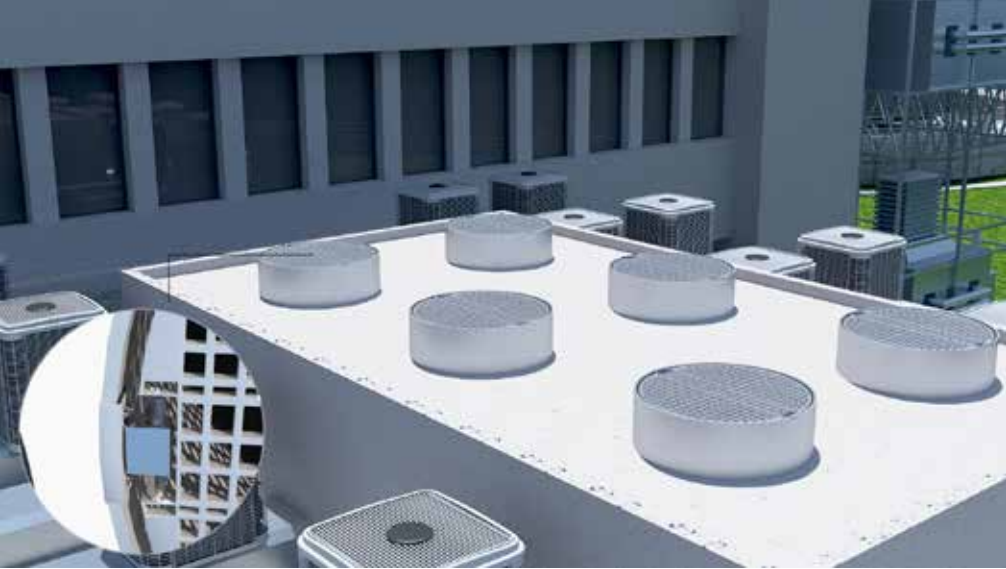


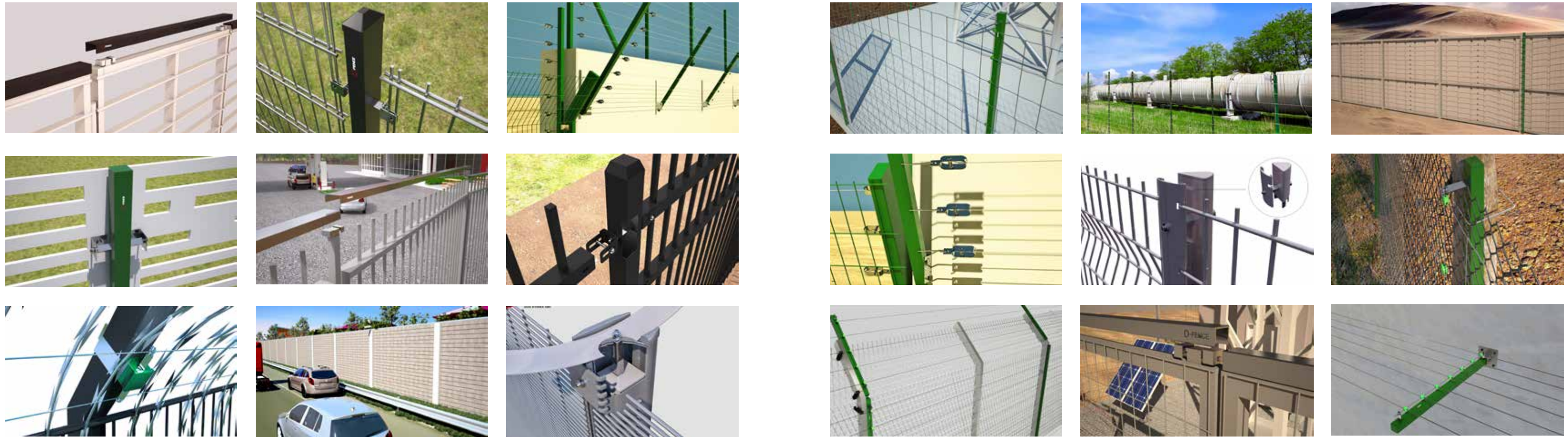
Water Passages & Air Vents

Water Passages and Air Vents can be defined as weak points in the security and protection circles of any site D-Fence has developed the ultimate and most technologically advanced security solution to provide reliable security for water passages, drain pipes and air vents, which integrate perfectly within the protection circles.

Systems for Water Passages and Air Vents' Security:

1. D-Corative Perimeter Intrusion Detection System
2. Electronic Field Fence Perimeter Intrusion Detection System
3. DF-2100 Electronic Razor Wire Concertina
4. Electronic Welded Mesh Perimeter Intrusion Detection System
5. D-Bolt Security System
6. Computerized Control Center





Different Fence Designs









If you wish to receive additional information about the solutions for any of the subjects covered in this book or about any other type of additional support, please send us your request by mail to:

Sales: sales@d-fence.com
Support: dfence@d-fence.com

Or by phone / fax to:
Phone: +972-8-925 6257
Fax: +972-8-925 6442

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 <http://i.youku.com/dfence>
 <https://www.linkedin.com/company/d-fence-electronic-fencing-&-security-systems-ltd>

ZERO FALSE ALARMS FOR ANY FENCE

This security book is for anyone dealing with security – architects, security advisers, security personnel, etc.

As a variety of threats are evergrowing – from the sea, air and land - this book aims to gather together safety and security solutions for the private and public space – securing private homes, borders, airport, antennas, water installations, tactic and strategic bases, manned and unmanned perimeters. This book is intended as a practical tool for architects, advisers and other professionals in the security planning and implementing areas.



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