



Gate Automation Systems (Irl)

Locall: 1890 74 75 76 **Tel:** +353 65 6841175 **Fax:** +353 65 23639

Email: sfe@eircom.net **Web:** www.automationgate.com

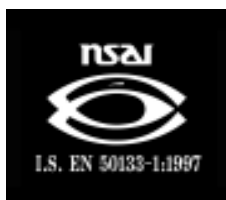
Non-Lethal Electric Fence

The system works by sending a high-voltage electrical pulse around a multi-wire perimeter fence, the potential involved may be on the order of 2,500 to 12,000 volts, the current is limited to a safe level and the actual pulse lasts only milliseconds. The source of the high-voltage electrical pulse is an electric fence "energiser"

When an individual trying to breach the fence and comes into contact with the fence by climbing over/under, the "Live" fence will become part of an electrical circuit between the output terminals of an energiser, a high voltage pulse will flow through the body of the individual to the closest earth, leaving the perpetrator temporarily incapacitated. The strength of the shock depends upon the power available from the energiser, and the total resistance of the circuit.

Electric Fencing not only offers effective protection but also a psychological deterrent, if the fence wires are deflected by vertical movement, contacting strands either side or cutting the strands, the system will cause a short circuit on the fence line, and trigger the alarm, giving an audible and visual indication of a fence breach.

The fence controller is a monitored alarm system; the fences can be zoned for easier detection of breaching. False alarms are virtually non-existent, as the fence will only go into alarm when a concerted effort is made to break the perimeter security. Existing clients have reported the system as paying for itself within twelve months of installation. To date this system has proven to be a very reliable and highly effective security system. In sites previously subjected to a number of attacks the system has eliminated all losses and in some cases removed the need for a resident security guard. The system is capable of protecting and controlling anywhere from one to 100+ zones each of 50-150 meters in distance. This provides a very flexible solution for most requirements.



Brought to you by Gate Automation Systems (Irl) and Retrospective

