

# An Innovative Approach to High Security



GrateGuard™ began as a solution to a common security concern: How best to provide a High Security barrier that is physically sufficient to withstand a concerted intrusion effort? Current offerings of chain link fencing, ornamental iron or aluminum, welded wire and expanded metal all provide a visual deterrent, but each lack in vital areas of physical ability to impede a breaching of the perimeter.

Common failures of these offerings are attainable using small hand tools to cut wires, spreading of thin wall aluminum or steel pickets, and/or using small power tools such as a grinder to quickly cut through the individual sections, making a personnel-sized hole in less than one minute.

GrateGuard is fabricated from heavy duty bar and rod stock with a high strength to weight ratio. GrateGuard is fusion welded for optimal strength and rigidity along the entire panel structure.

GrateGuard is further supported with an architecturally-designed high strength post, rail and bracket framework. This patent pending combination of engineered products provides the ultimate in physical deterrence coupled with a visually appealing design that satisfies even the most discerning client.





### ► **Government**

GrateGuard offers a unique combination of security, visual deterrence and pleasing aesthetics. Substantial high strength steel bars and rods that are fully fusion welded enhance its inherent anti-climb properties, making any attempts at breaching the fence a noisy endeavor requiring heavy duty power tools. With product height configurations available up to 20 ft. tall, GrateGuard is one of the most logical selections when securing any Governmental or Military facility.



### ► **Utilities**

Protecting the critical infrastructure of our nation's power grid and water supplies is at the forefront of security due to recent events domestically as well as globally. GrateGuard's imposing presence begins the deterrence factor of would-be thieves as well as domestic and international terrorist activities and finishes with one of the industry's most difficult barriers to breach.



### ► **Petrochemical**

In Oil and LNG, the risk of potential toxins, caustics, and explosive chemicals/gases are all associated with an escalating need for enhanced security. These facilities need the most stringent protection available to prevent the possibilities of mass illnesses, injury or loss of life. When up to millions of lives are potentially at stake, the choice is obvious. Pick the best physical security barrier to integrate with electronic and personnel security measures in order to maximize Detection, Deterrence, Delay and Denial of would-be intruders.



### ► **Transportation**

9/11 brought home to all of America the need for increased security at not only airports, but ports of entry, railroads, and our country's borders. Increasing amounts of fencing that integrate anti-climb characteristics, including taller and more difficult to scale heights, are continuously being proposed and installed. GrateGuard is the ideal solution for all areas of transportation facilities that need to direct or control pedestrian movements and limit access to secure areas for non-essential personnel. GrateGuard's innate characteristics are a natural fit to protect the hubs of our nation's transit activities.



### ► **Data/Communications/Financial**

The safeguarding of virtual records, transactions and information are critical components of today's society. Facilities that host these services require controlled entry points with dual factor authentication procedures, multiple utility redundancies, hardened buildings, and surveillance needs both internal and external. GrateGuard, when used as a first line of defense barrier, is an integral component in the overall physical security design to ensure these installations are protected against theft, corporate espionage and terroristic activities.



### ► **GrateGuard, a Harsco IKG product**

Harsco Industrial IKG has been one of the world's leading manufacturers of high-quality steel and aluminum bar grating for over a century, with manufacturing plants throughout the Americas. Since our invention of metal grating in the 1900s for use in New York City's subway system, IKG has been designing and developing new and innovative uses for this versatile product. From power plants to petroleum refineries, shipyards to large scale factories, IKG services major businesses throughout the industrial sector. Our ability to tailor products to customer specifications has created a broad market for our grating. But it's our dedication to meeting and exceeding expectations that has kept IKG a market leader for generations.

**Discover how GrateGuard™ can fulfill your specific project requirements.**

**For more information please contact our sales team at 1-800-324-8417  
or visit our website at [GrateGuardFence.com](http://GrateGuardFence.com)**