

# Master Halco

## Industrial and Government Agencies

DHS  
DOD  
DOE  
DOI  
DOS  
DOT  
EPA  
GSA  
NAICS Code  
TSA  
TSWG  
Border Security  
Federal Procurement  
Procurement Technical Assistance Centers (PTAC)

## Product Specifications and Information

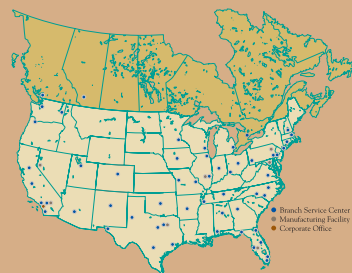
Specifications in CSI and AIA Format  
ASTM  
State DOT Specifications and Drawings  
AASHTO  
Federal Specifications (FED, RRF, FAA, Corps of Engineers)  
Military Specifications (MIL)  
Drawings on CD-Rom, PDF & AutoCAD Formats

## Full-Service Resources

We offer a wide range of helpful services, from the engineering expertise of our specifications department to the technical integration of our security solutions group. Our excellence in quality products and services is the result of our more than 40 years of experience meeting the demanding requirements of our commercial, industrial, high security and residential customers and their projects.

## Nationwide Coverage

Master Halco operates from locations across North America with a vast network of distribution centers, manufacturing plants and access control centers.



## Proud Members



### Specification Department

4000 W. Metropolitan Dr., Suite 400  
Orange, CA 92868  
Tel: (800) 229-5615 Fax: (714) 385-0107  
e-mail: spec@FenceOnline.com  
www.FenceOnline.com

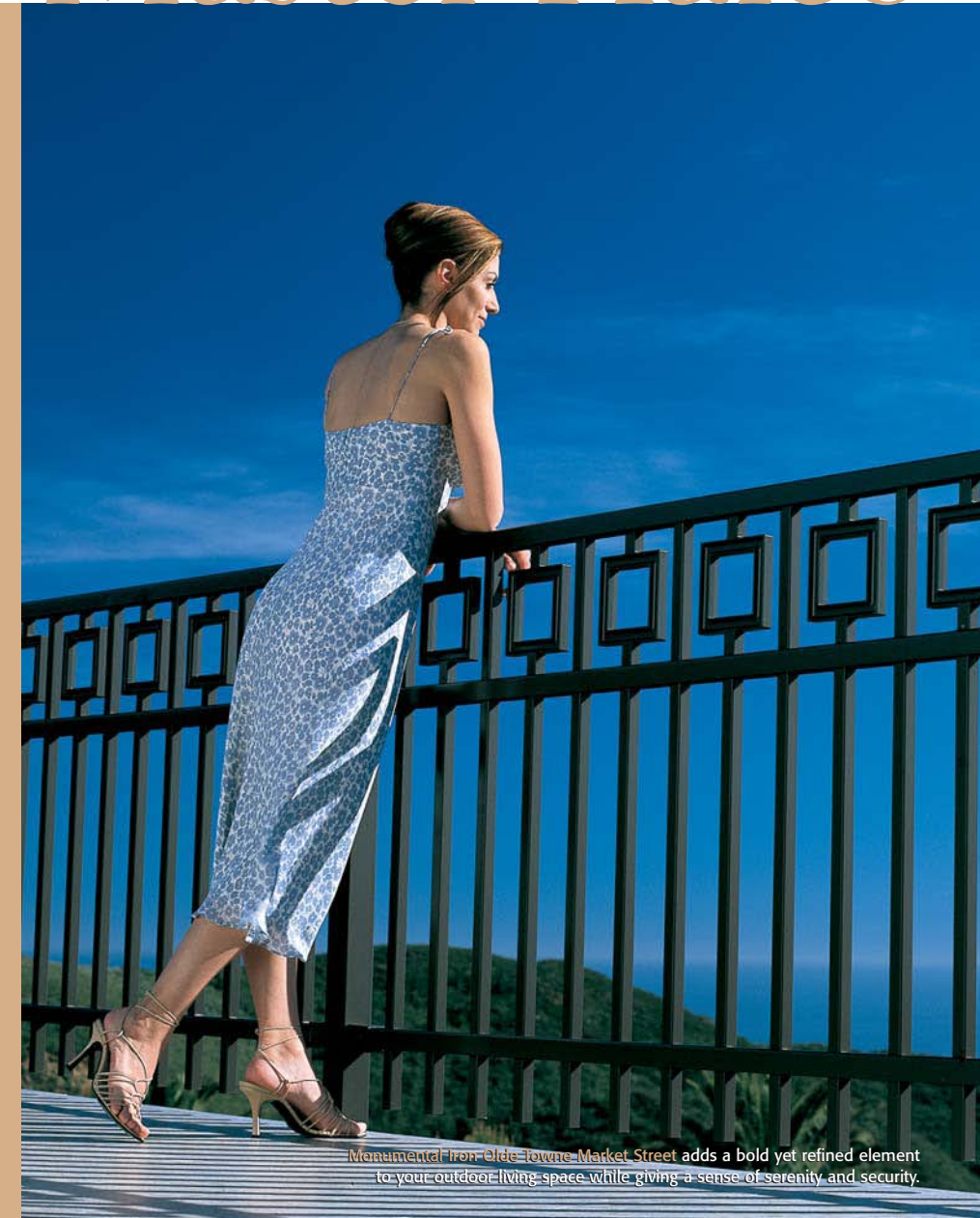
### Security Solutions Group

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e-mail: SecuritySolutions@MasterHalcoSecurity.com  
www.MasterHalcoSecurity.com

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Fencing Without Boundaries®



Monumental Iron-Old-Towne Market Street adds a bold yet refined element to your outdoor living space while giving a sense of serenity and security.

Security

Innovation

Style

# Fences for All Seasons

Everything You Need...When and Where You Need It.



The exterior of your home begins at your property line, and fencing customized to your unique, “by request” specifications enhances the style and beauty of your home. Our Designer Collection offers an exceptional combination of manufacturing quality coupled with the finest in architectural design elements, providing virtually endless design possibilities for those with the most discerning tastes.



## Monumental Iron™ & Column Series

Complement the distinctive character of your home with beautiful ornamental fences & columns.



## Legend® Vinyl Series

Peace of mind and lasting beauty surround you with the maintenance-free durability of our premier vinyl fence series.



## Estate Gate Series & Access Control Systems

Enhance the style and security, the convenience and control of your entryway with a choice of gates and access systems.



Fleur-de-lis finials and whitewash columns crowned with terra cotta caps give Monumental Iron Main Street a classic estate elegance.



Specifications

CAD Drawings

Technical Data

Product Information

Expert Fencing Advice

Project Estimator

Installation Information

## Monumental Iron™ Series



Imperial Style

### Design Options

Satisfy your architectural goals with a wide variety of mix and match design options, styles, accessories and colors. Create an elegant and distinctive style all your own combined with the strength of steel to make every fence a work of art and any home a masterpiece.



Estate Style

### Detailed Construction

Meticulous attention to detail distinguishes our Monumental Iron fencing with a classic, riveted design creating a contemporary and true Old World quality. Our exclusive cast zinc Pro-Arc™ end bracket ensures a finished installation from the finest fence system available. The beauty and craftsmanship of our Monumental Iron fencing enhances almost any architectural style.

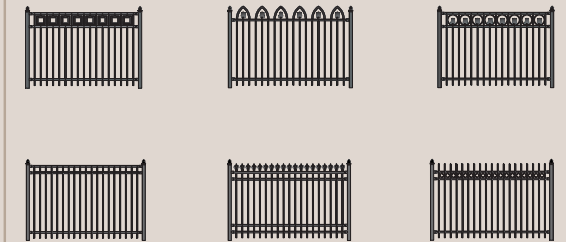


Olde Towne

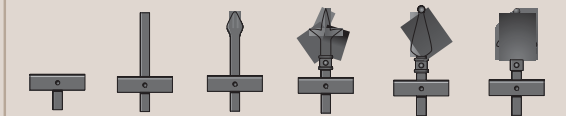
### Longevity

To ensure optimum quality and appearance, we drill and cut all components, then coat them prior to assembly and installation. Our high manufacturing standards allow us to offer a 15-Year Limited Warranty—the longest ornamental steel fence warranty in the industry.

## Configurations & Options



**Fencing** Over 75 distinctive styles to choose from, most available in 2, 3 or 4-rail at heights from 3' to 10'. Shown here: Olde Towne Market Street, Seminary Avenue, Olde Towne Main Street, Imperial B, Estate Style H and Estate N.-Modified.

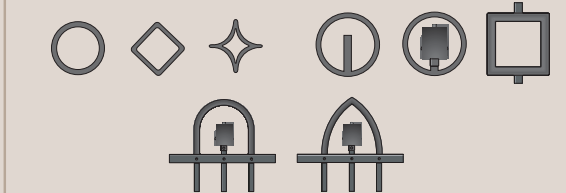


**Pickets & Finials** Choose from Flush Top, Flat Picket or Spear Top Pickets or dress it up with Triad, Quad-Flair or Fleur-de-lis Finials.



**Picket Sizes** 3/4": solid, 16 or 18 gauge, 1": 14, 16 or 18 gauge.

**Post Caps** Choose from Flat, Ball or Acorn.



**Accessories & Arches** 4" Ring, 4" Diamond, 4" or 9" Star, 9" Ring with Picket, 9" Ring with Fleur-de-lis Finial, 7" Olde Towne Square, 10" Round Arch with Fleur-de-lis Finial and 10" Gothic Arch with Fleur-de-lis Finial.



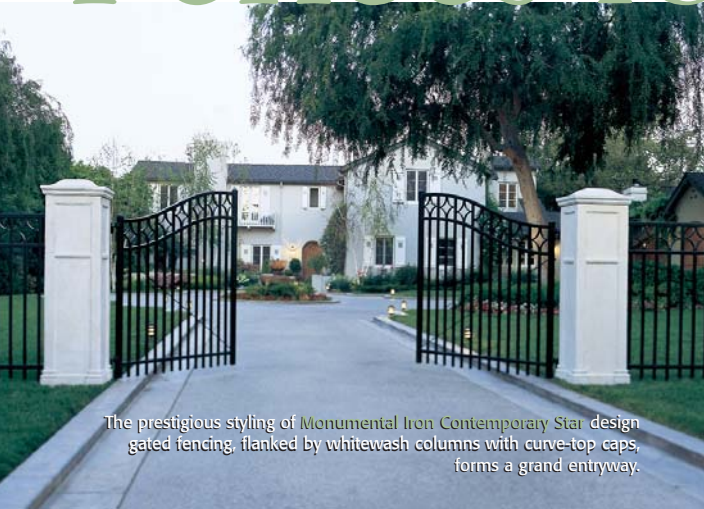
**Colors** Midnight Black, Bronze, Icon Grey, Hunter Green, Camel Tan and Brilliant White.

Not all styles are available in all heights or all picket sizes.

Consultation: (800) 229-5615  
E-mail: [spec@FenceOnline.com](mailto:spec@FenceOnline.com)  
[www.FenceOnline.com](http://www.FenceOnline.com)

# Fences for All Seasons

Everything You Need...When and Where You Need It.



The prestigious styling of Monumental Iron Contemporary Star design gated fencing, flanked by whitewash columns with curve-top caps, forms a grand entryway.

## Estate Gate Series

### You've Arrived

As the saying goes, your home is your castle, and Master Halco's Estate Gate Series welcomes you home in the style you deserve. Part of our Monumental Iron product line, our gates have the same riveted craftsmanship as our fencing, in a choice of elegant styles. Providing the security of a gated entry that can be easily combined with the convenience of remote operation, our Estate Gate Series enhances the prestige of your property for visiting guests as well as the masters of the house.

## Access Control Systems

### Peace of Mind

Driving up to your home after a long day at work or a night on the town, in sunshine or rain, alone or with family and friends, you can relax, enjoying the convenience and security provided by your Estate Gate and access control system. Making it effortless for you to enter your property, your access control system is an advantage anytime and can be easily operated using a variety of control devices.



An access control system enhances the convenience and security of a gated entry.

## Configurations & Options



**Single Swing** Over 60 styles available.  
Shown here: Olde Towne Front Street, Estate E3 and Imperial P4.



**Double Swing** Over 60 styles available.  
Shown here: Estate O1 with fleur-de-lis finials, Seminary Avenue with rings and Olde Towne Bridge Street Curved with florentine scrolls.



**Cantilever** Over 50 styles available.  
Shown here: Estate D1 with rings.



### Worry-Free Operation

Forged from galvanized steel and/or high-strength aluminum, our Estate Gates are built to provide years of reliable, maintenance-free operation. And our gates are designed to match the style, height and color of our fences, with matching accessories all backed by a 15-Year Limited Warranty.

### Physical Characteristics

- Styles:** Imperial, Estate, Olde Towne
- Types:** Single or double swing, single or double cantilever
- Materials:** Hot-dipped galvanized steel and/or aluminum alloy
- Finishes:** Powder coated, 2.5-mil minimum TGIC polyester resin
- Colors:** Midnight Black, Bronze, Icon Grey, Hunter Green, Camel Tan and Brilliant White
- Welds:** Stainless steel

### Proven Reliability

Our access control systems are engineered with advanced electronics for dependable operation, and they have passed strict industry testing standards to earn the "UL Approved" seal.

### Control You Can Count On

From simple to highly sophisticated and complex, we can meet your needs with a variety of systems and high-tech solutions—from closed circuit cameras, card readers and vehicle identifiers to many other access control options.

## Access Control Options

### Gate Operators

Slide or swing operators conveniently open your gate by remote control and automatically close it behind you.



### Radio Control Options

Hand held transmitters, wireless keypads and proximity cards are examples of reliable gate controllers that are small and light enough for your key ring or car visor.



### Telephone Entry Systems

Scrolling LCD screen is visible in any light condition and is ideal for residential gated communities, programmable for up to 2,700 phone numbers.



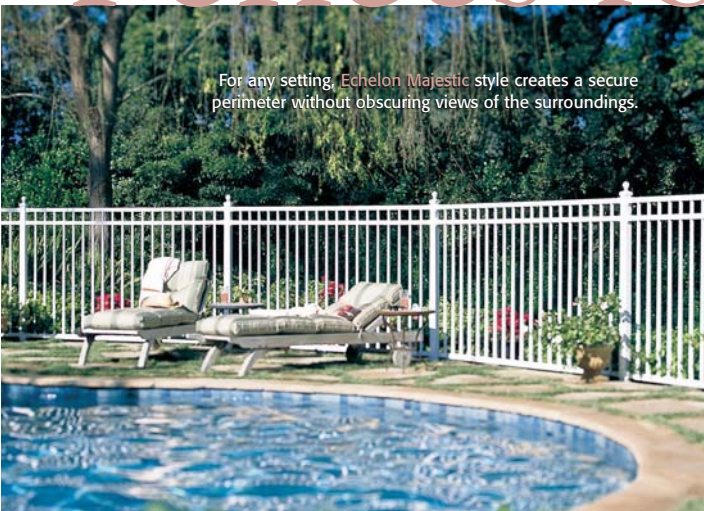
### Solar Gate Operators

A cost-efficient, energy-saving solution using solar panels to power gate operation and eliminates the need for expensive wiring.



# Fences for All Seasons

Everything You Need...When and Where You Need It.



For any setting, Echelon Majestic style creates a secure perimeter without obscuring views of the surroundings.



Many of the same quality elements in our Designer Collection are available at a superior value in our most popular group of products, our Lifestyle Collection. Yet these solutions are readily available from our extensive inventory of simple, classic designs to contemporary styling choices—all designed to complement your lifestyle.

## Defining Your Space

Just as the walls of your home frame the interior spaces of your rooms, your fence acts as a second, complementary wall around your home and family. The fact is, your fence is an integral feature of your home, and the wide variety of products and design styles in our Lifestyle Collection surround you with fencing that adds practicality and personality to your property.

## Quality You Can Trust

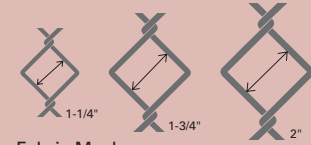
All of the fencing products in our Lifestyle Collection are backed by worry-free warranties, with coverage from 12 years to the lifetime of your fence.



Impressions Vinyl Privacy with Lattice fencing with ball caps provides a solid barrier while creating a feeling of openness.

## Spectra® Color Chain-Link Systems

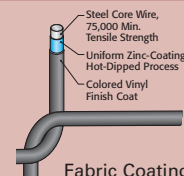
Configurations & Options Also available in Permafused® II coating.



Fabric Mesh



Fabric Gauge, Core Wire



Fabric Coating

3' thru 12' High

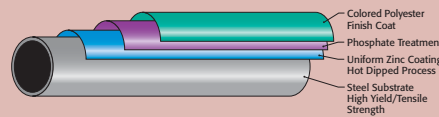
Heights

HQ-25 High Yield Pipe  
CQ-20 High Yield Pipe, ASTM F 1043, Group IC, Light Industrial  
DQ-40 High Yield Pipe, ASTM F 1043, Group IC, Industrial

Framework Grades



Framework Diameter & Coating



Colors Forest Green, Midnight Black and Chocolate Brown.

Fabric: Spectra vinyl extruded over zinc coated steel wire per ASTM F 668 Class 1 or Spectra vinyl extruded and adhered to zinc coated steel wire per ASTM F 668 Class 2a.

Framework: Spectra polyester resin, 3 mils minimum, over galvanized steel ASTM F 1043, Group IC, with minimum yield strength of 50,000 PSI. Protective coating per ASTM F 1043, external coating Type B, zinc with organic overcoat, 0.9 ounces per square foot minimum zinc coating with chromate conversion coating and verifiable polymer film.



From tennis courts to pool perimeters, Spectra color chain-link is a versatile, functional solution.

## Classic Premier™ Iron Series



Clean lines and popular styles combine with new methods and materials for a low-maintenance, high-value ornamental choice.

## Echelon™ Aluminum Series



The durable, no-maintenance appeal of aluminum is crafted into distinctively ornamental fences and gates.

## Color Chain-Link Systems



Our Spectra® and Permafused® II color-coated fencing provides durable and beautiful protection for property, pets and children.

## Impressions® Vinyl Series



Get the durability and beauty of vinyl fencing in the most popular styles immediately available from our vast inventory.

## PostMaster® Wood Systems



The natural beauty of wood and the strength of steel merge in fencing systems reinforced with our PostMaster steel posts.

## EuroScape™ 300 Decorative Wire



Sturdy steel and wire mesh construction in a selection of colors makes this a practical yet versatile fencing option.

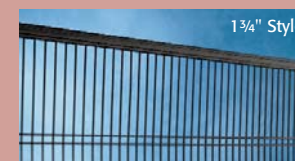
## EuroScape™ 300 Decorative Wire



4" Style

### A New Solution

Our new decorative wire design bridges the gap between our industry-leading chain-link and ornamental iron fencing in elegance and style. Its sturdy steel and wire mesh construction in a selection of colors makes this a practical yet versatile fencing option backed by a 12-Year Limited Warranty.

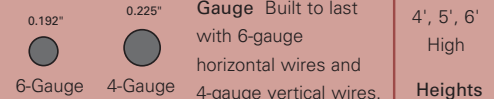


1 3/4" Style

### Innovative Construction

Special twin-wire design creates unique joint strength and distinctive rail design for added strength and architectural style.

## Configurations & Options



Gauge Built to last with 6-gauge horizontal wires and 4-gauge vertical wires.

4', 5', 6' High Heights



Colors Camel Tan, Bronze, Brilliant White and Midnight Black.

- Manufactured from galvanized steel for corrosion protection
- Heavy-gauge, welded wire mesh construction for durability
- Maintenance-free powder coated finish for long-lasting beauty

# Fences for All Seasons

Everything You Need...When and Where You Need It.



Outdoor living spaces become even more inviting with fencing such as the **Magnum Wood Series** topped by a cap rail.



Developed to meet the most demanding specifications for residential, commercial and industrial applications, our Performance Collection offers highly functional, cost-effective fencing solutions. From ornamental iron and wood fencing to color and galvanized chain-link systems, utility and security combine in our Performance Collection to serve a broad range of purposes.

## Galvanized & Permafused® II Color Chain-Link Systems

Developed to meet the rigorous requirements of commercial and industrial applications, these systems offer years of maintenance-free, long lasting corrosion protection. Permafused II features a new polyolefin coating that offers superior adhesion, resistance to weathering and corrosion, and overall lasting protection, backed by a 15-Year Limited Warranty. Its outstanding resistance to ultra violet light and corrosive environments prevents premature fading and decay.



## Montage® Welded Ornamental™

The affordable excellence of our welded ornamental fencing offers uncompromising quality, value and style.



## Wood Series

The cost-effective grades of naturally durable and treated woods make our wood fencing an excellent choice.



## Chain-Link Systems

The durability of our chain-link fencing is matched only by the diversity of applications, from large yards to dog runs.



## Monumental Iron™ Privacy

Monumental Iron™ privacy fencing is a corrosion resistant, and virtually maintenance-free visual barrier engineered for strength and security. Gates are also available in either swing or internal roller cantilever slide.

### Physical Characteristics

**Styles:** Attleboro and Bristol

**Materials:** Hot-dipped galvanized steel

**Finishes:** Powder coated, 2.5-mil minimum TGIC polyester resin

### Applications

- Chemical Plants • Wastewater Treatment Plants
- Power Plants • Government Facilities • Airports
- Military Bases • Ports • Junk Yards
- Trash Enclosures • Amusement Parks



### Physical Characteristics

**Types:** Commercial, Industrial and High Security

**Materials:** Hot-dipped galvanized steel

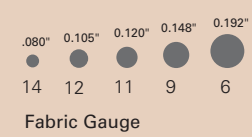
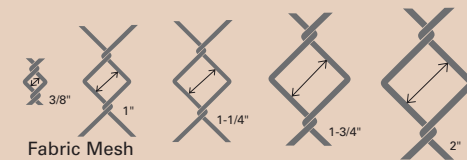
**Finishes:** Galvanized, Permafused II color-coated

**Colors:** Olive Green, Forest Green, Midnight Black, Chocolate Brown and Tantalizing Tan

### Applications

- Schools • Highways • Bridges • Flood Control Channels
- Factories • Wastewater Treatment Plants
- Chemical Plants • Power Plants • Government Facilities
- Military Bases • Airports • Ports • Embassies
- Correctional Facilities

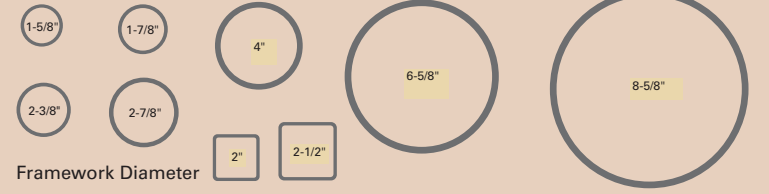
## Configurations & Options



Zinc-Coated Steel, ASTM A 392, Class 1 or Class 2  
 Permafused II Color-Coated Steel, ASTM F 668, Class 2b  
 Galvalloy Alloy-Coated Steel, ASTM F 1345, Class 2

3'-12'  
 High  
 Heights

DQ-40 High Yield Pipe, ASTM F 1043, Group IC  
 Sch 40 Standard Weight Pipe, ASTM F 1043, Group IA and ASTM F 1083  
 Sch 80 Extra Strong Pipe, ASTM F 1083



Framework Grades

Framework Diameter

# Security Solutions Group

Your Full Service Solutions Provider



## Complex Requirements—Simplified Solutions

Local and geopolitical events continue to raise awareness towards greater levels of security. Events that happen on a daily basis redefine our understanding of security. No one product or service can prevent this threat. It is only with a complete and comprehensive approach to an integrated security solution that this problem can be effectively addressed. Currently, component parts of a security system must be selected from multiple sources: perimeter security from one supplier, access control from another, electronic detection and surveillance from another, and finally, building security from yet another supplier. By the time the system is complete, it could take up to 40 vendors in the supply-chain and systems may not be compatible.

Master Halco has addressed this issue and has brought all of these products and services under one roof, dramatically simplifying this complex problem.

### Vulnerability & Risk Assessment

A facility's vulnerability to attack is a function of various factors that include adjacent street configuration, site design, vehicular & personnel access, structural design, functional layout, and construction materials. By identifying assets, threats and protective measures a matrix can be compiled that allows the assessment of vulnerabilities and risks along with prioritization. After determining the cost of various mitigation steps a plan can be created that is tailored to your specific needs. Additionally, this plan can be scaled and managed over several years.

### Site Security Planning

Keeping vehicles as far as possible from a structure is a highly effective way to protect a building from weapon attack. Specialized features that are attractive and non-obtrusive can be incorporated into landscaping and site design. We custom design barriers that will stop a car or truck while meeting challenging site constraints.

### Defensive Architecture

Master Halco provides functional and structural design solutions that optimize protection without creating a building or campus that looks like a fortress.

### Design Enhancements

Increased security for new and renovated structures is our specialty. Master Halco's Security Solutions Group provides a consultative approach to the design, enhancing the deterrence, detection, delay, and defense of any structure or site.

### Environmentally Responsible

Master Halco will assist architects and planners in developing designs that support safe environments. Safeguarding our natural resources is always a priority while protecting your facility.

### Project Management

Master Halco creates a true partnership by managing your project through all phases of its life cycle. This ensures a single point of contact and a single point of accountability.

### Certified Partners

Master Halco is a well recognized supplier to the security industry worldwide and has earned a reputation for supporting its customers through a network of certified contractors and vendors.



### Design & Service Solutions

Master Halco creates planning, design and purchasing solutions to address specific, recognizable problems. We believe that tremendous value can be delivered when vendors combine their core product technologies and services to architect a turnkey solution. These custom, integrated solutions create value for our partners while delivering the maximum value to our customers.

### Security Solutions That Work for Your Needs!

Master Halco is committed to continually define and improve the integration of security products and services. Our industry leading technical support staff is dedicated to helping our customers through every step of the project planning, design, supply-chain management, implementation and maintenance. We recognize that customer relationships are formed when problems are solved.

- Vulnerability and Risk Assessments
- Facility Protection Evaluations
- Specification and Contract Documentation
- Specification, Regulation & Code Verification
- Design and Engineering Consulting
- Preliminary Drawings and CAD Design
- Preliminary & Final Budgetary Projections
- Bid Submittals and Evaluation Reports
- Project Management
- Supply Chain Management
- Qualified & Product Certified Installer Selection
- Field Inspections and Tests
- Ongoing Maintenance and Support

**Full Range of Products** Master Halco leads the nation in the development of creative security fence systems, crash deterrent gates, access control devices, electronic surveillance and sensing, intrusion detection centralized control software and advanced products.



**Crash-Resistant Fences and Gates**  
Designed to reduce the chances of vehicular intrusion into your property and facility.



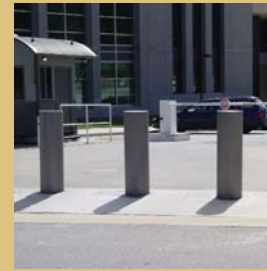
**Electronic Surveillance**  
CCTV for both internal and external applications. All integrating seamlessly into your system.



**Security Gates**  
Full range of security gates: high impact resistant, vertical lift, cantilever slide and others.



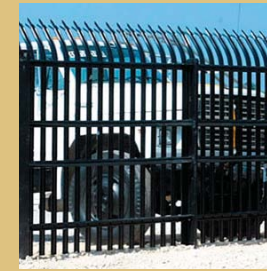
**Command Software**  
Centralized control that integrates access control, CCTV and intrusion detection locally or remotely.



**Vehicle Barriers**  
Ground retractable and stationary barriers that meet U.S. Department of State K12/L3 certification standard.



**Access Control**  
Biometric, proximity and swipe card, keypad or combinations for both internal and external use.



**K-Rated Fence Systems**  
Meets U.S. Department of State perimeter vehicle crash test requirements.



**Electronic Sensing**  
Complete line of volumetric & planar sensors to meet your needs: vibration, microwave, IR and more.