

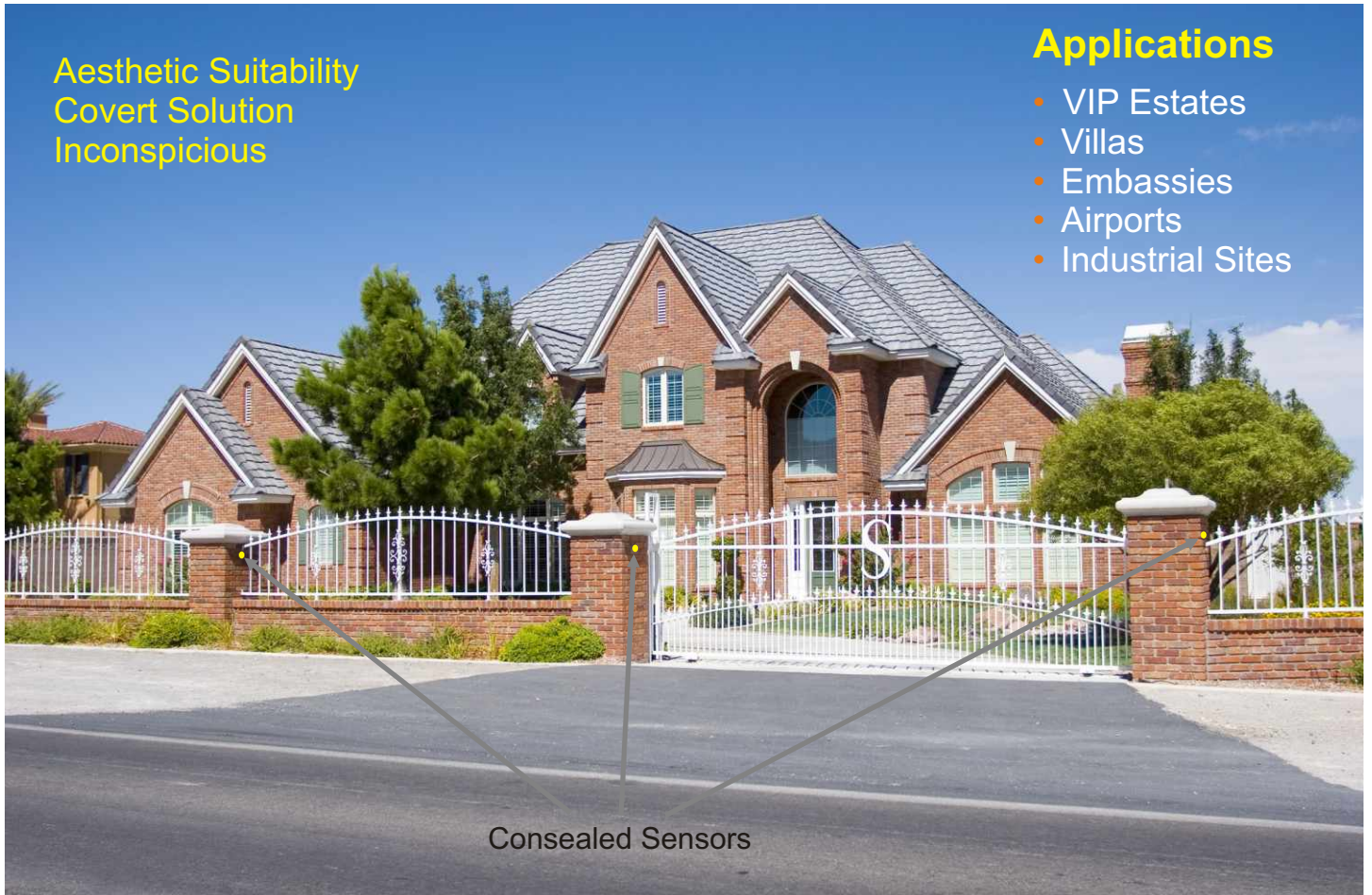
CASSTEL CF-GUARD INNOCENCE/100

The Covert Intrusion Detection Solution

Aesthetic Suitability
Covert Solution
Inconspicuous

Applications

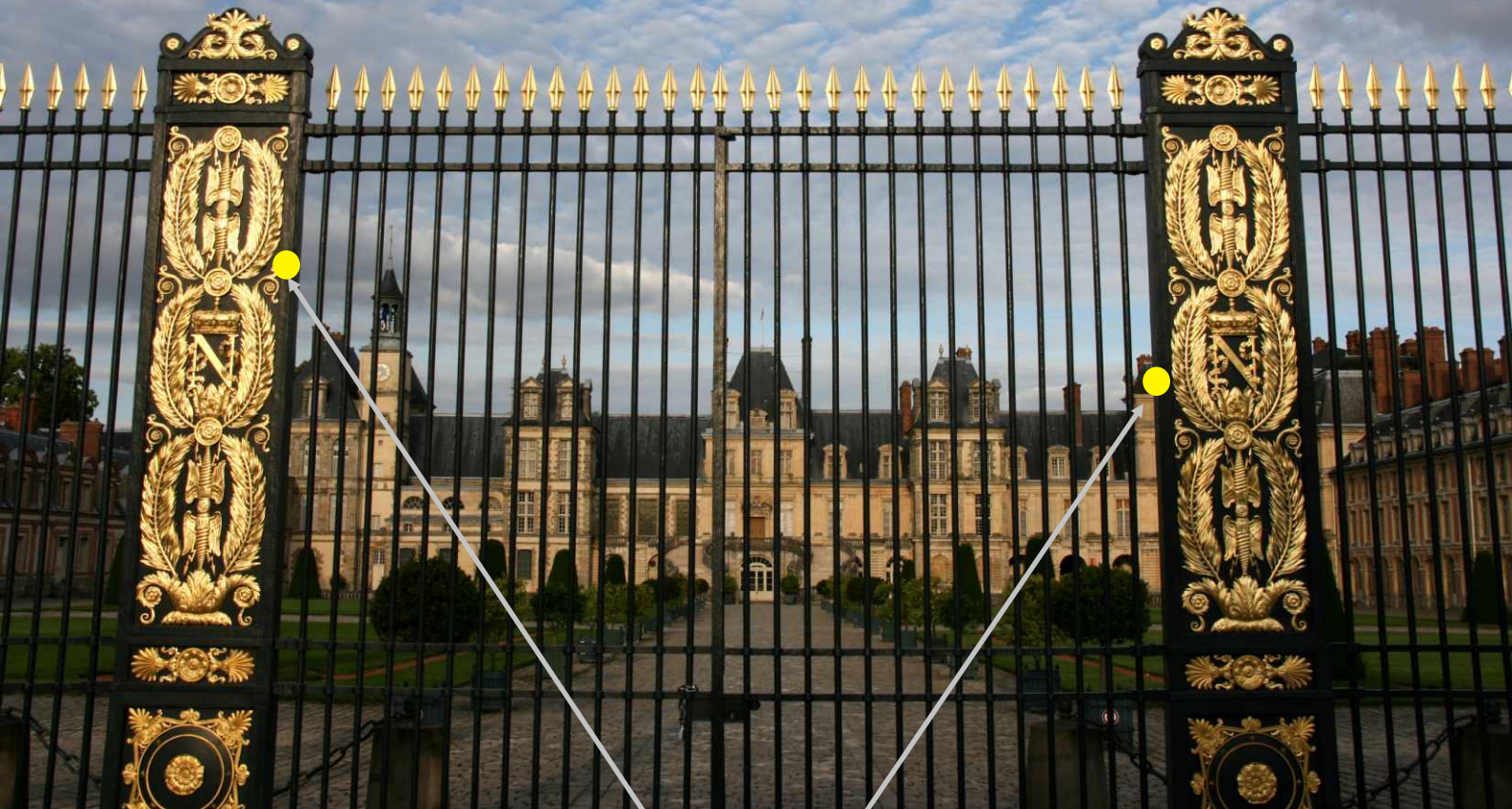
- VIP Estates
- Villas
- Embassies
- Airports
- Industrial Sites



Consealed Sensors

CF-GUARD INNOCENCE/100 has been specifically designed to maintain an innocent appearance in high security sites where a pleasing appearance, combined with the highest security is of primary importance. The sensor cables are concealed, while giving continuous and accurate detection of human intrusion.

CF-GUARD INNOCENCE/100 is extremely suitable for sites where aesthetics are important such as Embassies, VIP estates and residences. The sensor cables are built into the fence post to blend with the aesthetic quality of the object or site being protected. When installed, it is able to detect mechanical forces acting on the fence through or over it. Optimising the fence characteristics with the sensor characteristics ensures that even careful attacks on the fence are detected at minimum sensitivity levels thereby minimising the incidence of false alarms.



Consealed Sensors

Key Benefits

- Detection capability: 99 percent
- Provides early warning of intrusion
- Covert advantage
- Has high resistance to electromagnetic and vibration interference
- Functions perfectly under any environmental conditions
- Incidence of false alarm: 0.05 percent
- Extremely suitable for sites where aesthetics are important
- Inconspicuous to potential intruders and passers-by

Projects

Embassy Residence



To protect an embassy residence such as this, concealed Casstel sensors are built into the surrounding fences. Any intrusion around the fence perimeter, elicits an alarm.

Palace Grounds



With fences such as this, concealed sensors are integrated into the fence posts to blend with the aesthetic nature of the building. An intrusion approach around the fence is automatically detected with the CF-GUARD INNOCENCE/100.

Private Villas



To detect intrusions into villas built as the one above, optically inconspicuous sensors are integrated into the iron fences around the house.

Old Fences



With old fences such as this, sensor cables are built inside the fence solution without altering the innocence appearance of the fence.

Technical Characteristics

- Cable sensor sensitivity: Upto 2000m
- High detection capability
- Invincible detection system
- No electronics in the field
- The solution possesses an inbuilt remote control system
- Maintenance free
- Electric current consumption: less than 1.5mA
- Operating temperature range: - 65°C to + 70°C
- Output: normally closed relay contact (optical relay)
- Terminal resistance of sensitive element: 200 Ohm
- Compatible with any data acquisition and processing system

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