

## Access Control

GE Security's Picture Perfect™ is the access control and alarm monitoring platform at the 80,000-seats Stade de France (Paris) and many other stadiums and congregation sites. Designed as a mission critical application, Picture Perfect™ is built on either IBM servers running the AIX operating system, or INTEL servers running Linux - two of the most stable, proven and respected platforms. It has a virtually unlimited expandability, robust transaction processing abilities as well as flexible web based clients and reporting. GE Security manufactures the Picture Perfect™ software, the microcontrollers and a large range of multi-technology card readers.



## Fire Safety

GE Security with its EST, ARITECH, KILSEN and ZITON brands is one of the largest suppliers of UL listed or EN54 approved fire detection and life safety solutions. Innovative technology, application flexibility and unrivalled reliability have made us the manufacturer of choice among architects, engineers, and building owners around the world.



## Fiber Optic Transmission

GE Security manufactures high quality fiber optic transmission equipment for TV broadcasting, video surveillance, public address audio and many other applications.



## Explosives Traces Detection

GE Security's revolutionary walk-through portal offers maximum security with minimal disruption. Fully automated visible and audible instructions direct spectators when to enter and leave. The EntryScan detects a wide range of explosives and narcotics and complements X-rays and metal detectors for complete security.



# Stadium surroundings

## Vehicle Security

The MVS-4 is designed specifically for today's tough and demanding transport surveillance requirements. This ruggedised recorder can stream near real time video from a moving vehicle, be it a bus, train, car, etc. directly to a control room or even to GPRS equipped PDA's or mobile telephones out in the field. An optional GPS receiver can be added to give the controller real time co-ordinates on a moving map so the exact vehicles location can be monitored at all times.



## Police Checkpoint

The new Itemiser FX is designed for checkpoint security applications when sampling people for explosives and narcotics. This desktop system is the world's only direct transfer trace detector. It utilizes a finger-sampling wheel and takes advantage of the presence of trace particles on the fingertips. The Itemiser FX eliminates the time, cost and staff requirements associated with sample wipes and keeps traffic flowing.



## About GE Security

GE Security is a leading developer and manufacturer of innovative security technologies to protect people, assets and infrastructures. GE Security is a wholly owned subsidiary of the General Electric Company (NYSE: GE), a global and diversified technology, media and financial services company that operates in more than 100 countries and employs more than 300,000 people worldwide.

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GE  
Security

# Innovative Security Technologies for Sport and Major Events



GE imagination at work

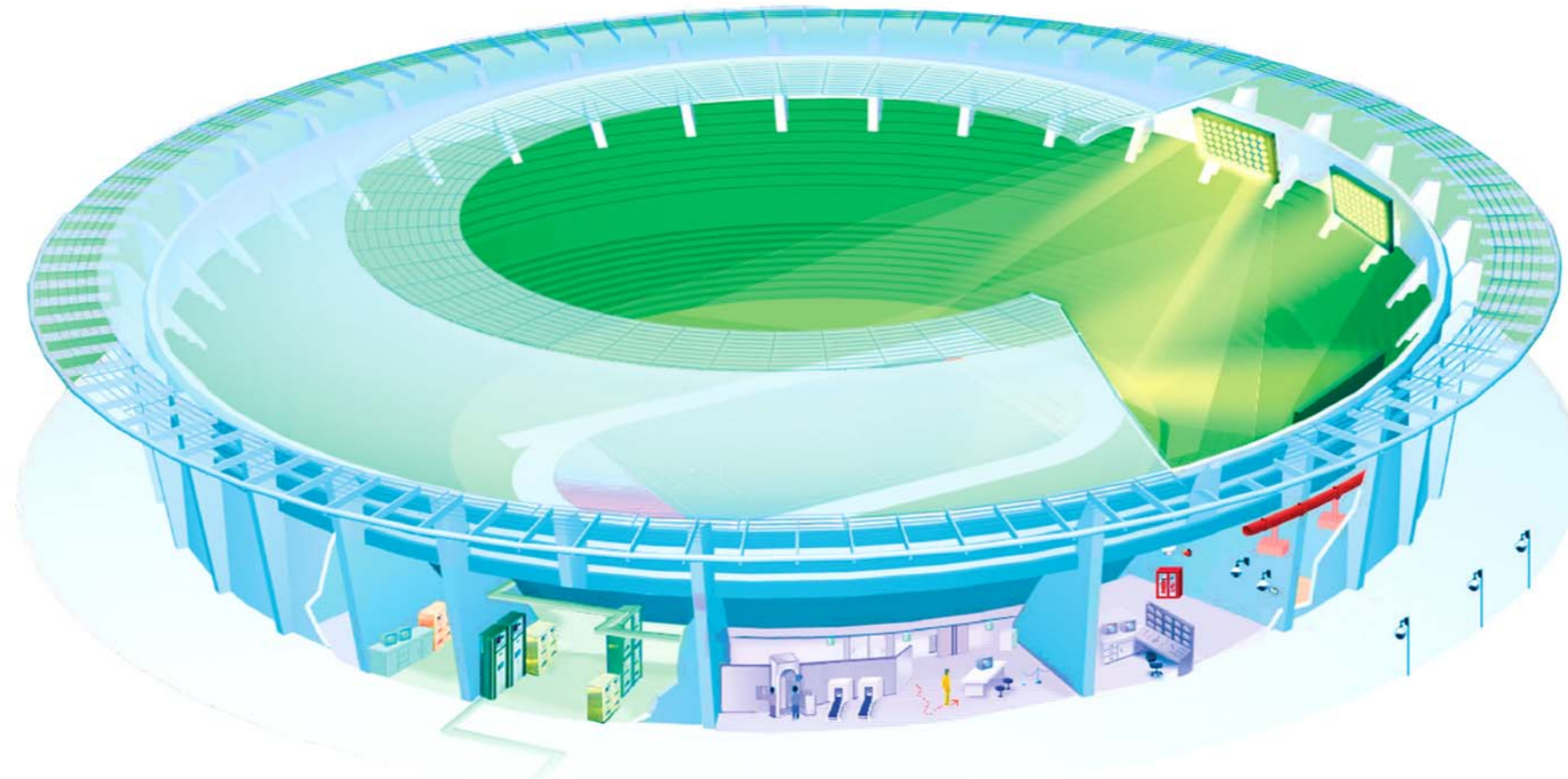
# Stadium Security

## Intelligent Digital Video Surveillance and CCTV

GE Security (VisioWave) is a leading developer of digital video network infrastructures. Digital video on IT networks provides more intelligent, scalable and cost effective video surveillance. Through the integration with other sub-systems, the centralized alarm management and the use of state-of-the-art image processing applications, digital video networks deliver quicker and easier situation analysis and decision-making to the stadium security staff and the police forces.

### More preventive and effective security

- Global stadium surveillance (inside and outside)
- Prevention of incidents and spectator outbursts
- Dissuasion, prevention and repression of violence
- Integration with other sub-systems (public address system, stadium display, alarm beeper...) thanks to an open architecture and APIs
- Software Development Kit to customize your Graphical User Interface
- Dramatic cost reductions through the use of the existing network infrastructure and the absence of dedicated coaxial cabling
- Low maintenance required on digital recording system
- High quality video for image processing applications such as facial recognition, abnormal behavior or unattended luggage detection



Large range of color & WDR cameras

IP68 Day/Night color camera with built-in LED illuminators

LEXAN® vandal proof mini-dome

Flip-top open camera housing

26x Day/Night dome camera with SilkTrack™ direct drive

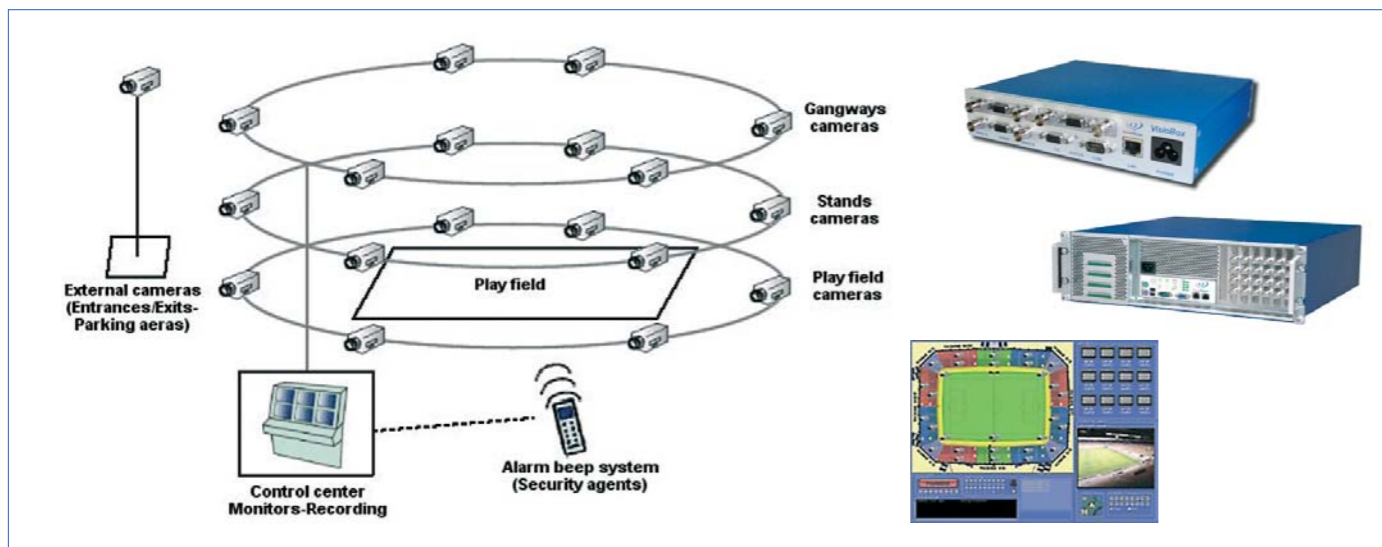
## Intrusion Detection

GE Security offers an extensive range of intrusion detectors and alarm control panels approved by the toughest certification bodies such as the German VdS, Danish SKAFOR or American UL



Long-range (60 m) DSP based motion detector with anti-masking

Large range of fence sensors, active infrared beams and outdoor microwave sensors for perimeter protection



## References

Stade de France (Paris)	Access Control
Philips Stadion (Eindhoven) & other football stadium in The Netherlands	Access Control
Ulsan & Taegu stadium (Korea)	Access Control
Madison Square Garden (New York)	Access Control
Kansas Speedway, San Jose Arena & other sport arenas in the US	Access Control
Parc des Princes (Paris), Lille, Strasbourg & Bastia football stadium in France	Digital Video Network
Arsenal, Chelsea, West Ham & other football stadium in the UK	Fiber Optic
Monaco F1 race circuit	Fiber Optic
MGM Grand, Bellagio, Luxor and other hotels & casinos in Las Vegas	Fire Safety
G8 and Commonwealth summits, Athens & Torino Olympics	Explosives Detection

