

# TITAN AI Stadia

## Recognition and Identification for Football Grounds and Sports Venues



The TITAN AI Stadia solution has been specifically developed to provide high speed detection, recognition and identification of a subject-of-interest within sports stadia and entertainment venues, from live or recorded video, with extremely high levels of accuracy.

TITAN AI Stadia is individually tailored to the client's specific requirements providing both a state-of-the-art and fit-for-purpose solution.

The TITAN AI Stadia high performance solution ensures that the subjects-of-interest can be effectively detected and identified, with the minimum of intrusion to other fans and officials.

Ultimate **Surveillance**  
**Solutions**



## TITAN AI Stadia

**This unique Advanced Imaging solution utilises the latest Artificial Intelligence, Neural Network and Analytical Techniques to provide high speed, high accuracy facial detection, recognition and identification.**

The **TITAN AI Stadia** solution, unlike other facial recognition systems, does not use the five or six points of reference methodology and associated algorithms widely used in existing systems.

**Titan AI Stadia** processes live, real-time or recorded video, automatically interrogating the image information, detecting and extracting facial data and converting this into a unique code - more than a barcode - more like a DNA signature. This signature is then used for analysis and matching purposes, tagged and linked with the retained video footage. In most cases the image is then discarded. However, in high security applications the image may be retained.

The unique **TITAN AI Stadia** detection, extraction and matching algorithms and embedded Artificial Intelligence allows the system to operate at substantially

higher speed than a server-based or in-camera edge-based solution. The sophisticated signature analysis and matching topology provides unrivalled levels of accuracy at a significantly lower cost-of-ownership.

In most applications **Titan AI Stadia** provides fast and accurate multi-subject video interrogation from standard High Definition video cameras, enabling the user to utilise existing surveillance and security infrastructure. The solution can also be applied to video streams from mobile and body-worn devices.

**TITAN AI Stadia** is ideal for identifying individuals on "Watch Lists" etc. in real-time during matches and other performances.

## Key Applications

- Preventing banned individuals from attending events
- Identification of key subjects in important public areas
- Pinpointing banned individuals in retail premises and franchises
- Finding lost children and vulnerable adults
- Providing accurate counting of attendees for footfall analysis



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### The TITAN Portfolio:

**Titan Sigma**  
**Titan Vision**  
**Titan Secure**  
**Titan View**  
**Titan Wall**  
**Titan Remote**  
**Titan AI**

