

iOmniscient's IQ Series deployed for managing extreme crowds

Karbala has high iQ

iOmniscient has deployed its IQ-Series Intelligent Video Analytics in Karbala city, Iraq, to safeguard one of its Holy Shrines and the millions who visit it.

The Holy Shrine of Al-Attaba Al-Abbasiya in Karbala is visited by millions of visitors every year. The shrine in itself is an ecosystem. It is manned by more than 3000 professional staff and tens of thousands of volunteers. The shrine provides services to tens of thousands of visitors every day and at peak times it can receive 17 million people within a period of 10 days.

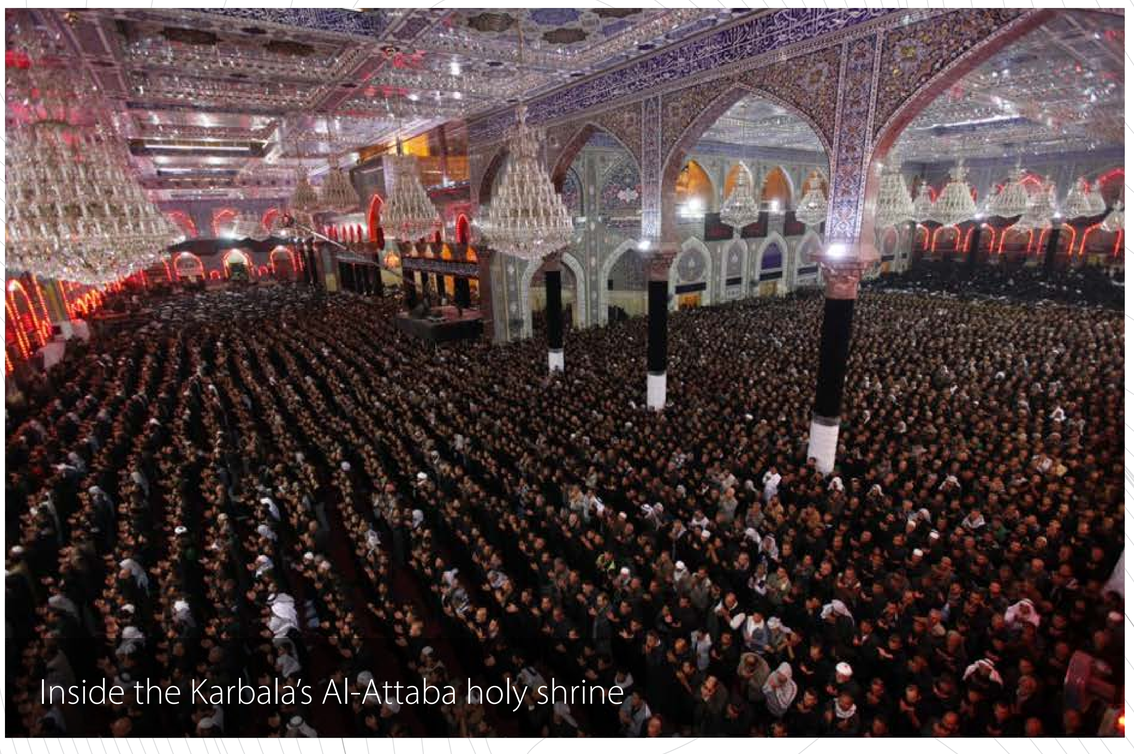
Every day the city faces threats from terrorist attacks. Providing protection and security for the huge number of devotees in and around the mosque was the biggest challenge and concern for the management.

Hundreds of CCTV cameras were already installed. The requirement was to enable these cameras with a powerful and intelligent video analysis system that could cope with their crowded environment. The most critical applications for them were facial recognition in a crowd, people counting, crowd management, abandoned object detection in a crowd, License Plate Recognition and Driver Match for vehicles entering the area.

iOmniscient worked with its partner, Al-Moashour Co. to deploy a robust video analytics system which could meet Karbala's stringent security requirements. "To reduce the terrorist risk, the customer searched and evaluated many companies that provide video analytics solutions from around the world. iOmniscient was selected as it provided the most comprehensive video analytics solutions," said Eng. Firas Abbas, who led the evaluation team.

The shrine and surrounding area is always very crowded. The requirement was for an analytics system which should be comprehensive and accurate to perform multiple recognition and identification functions simultaneously in crowded scenarios.


Karbala Vehicle Check Point


Inside the Karbala's Al-Attaba holy shrine

"Al-Attaba holy shrine is a very crowded place. It was very difficult to find a system that can work in this environment and still give good results with acceptable accuracies. Many systems were investigated. iOmniscient's IQ system was selected after extensive tests lasting more than one year. The system proved to be robust and accurate", added Eng. Firas.

Based on its internationally patented technologies, iOmniscient's advanced systems are capable of analyzing realistic, complex and extremely crowded spaces. Its Artificial Intelligence based Nuisance Alarm Minimization System (NAMS) helps in eliminating false alarms while still maintaining good accuracy.

iOmniscient is proud to contribute to the safety and security of Karbala

For further information, please contact sales@iomni.ai or visit our website www.iomni.ai.

iOmniscient is a pioneer in Artificial Intelligence based Video Analytics.
Recently it topped Gartner's worldwide list of video analytics companies for the most comprehensive capabilities in the industry.
Its Artificial Intelligence based Multi-Sensory Analytics Platform includes sound and smell as well as video to better replicate human reasoning.
These technologies are proven and have been implemented by commercial and government users in almost 70 countries.

Follow us!

For more information visit
www.iomni.ai | sales@iomni.ai

iOmniscient
High iQ Analytics

©2020 iOmniscient Pty Ltd. All rights reserved.