



UN CLIMATE CHANGE CONFERENCE UK 2020



CLIENT

United Nations – COP26 Glasgow 2021.
The COP26 summit brought parties together to accelerate action towards the goals of the Paris Agreement and the UN Framework Convention on Climate Change.

The Green Zone at COP26 was host to youth groups, civil society, academia, artists and business from across the UK and all over the world hosting events, exhibitions, cultural performances, workshops and talks.

In order to maintain the safety of visitors to the concessions area and ensure that visitors could be quickly evacuated in the event of an emergency a limit on the number of visitors allowed into the Green Zone at any one time was put into place.



Glasgow Science Centre, Home of COP 26 Green Zone

“Bi3’s Rental model enables our partners to provide their clients with the latest technology solutions for short term events, backed up by our industry leading support from event planning and design, throughout the event itself, and in post event analysis and review of collected data.”

-Richard Eaves, Head of Business Intelligence at Business Insight 3.

CUSTOMER NEEDS

1. Firstly, the event organisers needed to be able to accurately measure the occupancy of the Green Zone during daily events.
2. Secondly an alert needed to be triggered once the occupancy of the Green Zone reached 90% capacity to allow the organisers to temporarily stop people entering the area until there was sufficient capacity for more visitors.
3. In addition to this the organisers needed access to several digital reports including occupancy over time, individual entrance & exit counts, maximum occupancy for each hour of the event, and total entrance count for each day.

SOLUTION

An IntuVision analytics server was deployed alongside two standard IP CCTV cameras, monitoring the entrance to the area (internal), and the second monitoring the site exit (external).

Each camera was configured with a people counting rule to detect the number of people passing through each detection point, often within groups. The IntuVision system then generated an event each time a person was detected entering or exiting the event zone.

The events produced by the IntuVision analytics were then collected by Bi3’s Insight Management Reports (IMR) and processed to produce a set of dashboards. The system provided both a live overview of the current occupancy on site as well as the ability to retrospectively review the data generated by the system. This enabled the organisers of the event to both manage footfall traffic on site, and report visitor numbers to their key stakeholders.



Integrator

Atalian Servest provide a comprehensive range of strategic facilities management services from cleaning to catering, security to technical services. Atalian Servest can deliver bespoke single, bundled, or integrated services.

Their purpose is to appreciate and value their partners, delivering trusted sustainable solutions through responsive, passionate people. A reputation for excellence.



Technology Partner

IntuVision was founded in January 2006 to meet the unique needs of intelligence community for high performance video content extraction solutions.

With extensive experience in research, development and deployment of video technologies, IntuVision recognised an unmet need for robust yet easily customisable video analytics for both government and commercial domains. They have assembled a unique team of creative scientists and engineers who share this vision and created a new paradigm, designing video analysis algorithms to emulate the human visual cognition system,



Business Insight 3

We are “Experts in Human, Vehicle and Object Detection”. Formed in 2009, we’ve experienced huge growth offering specialist services that provide protection and information to customers across multiple market sectors.

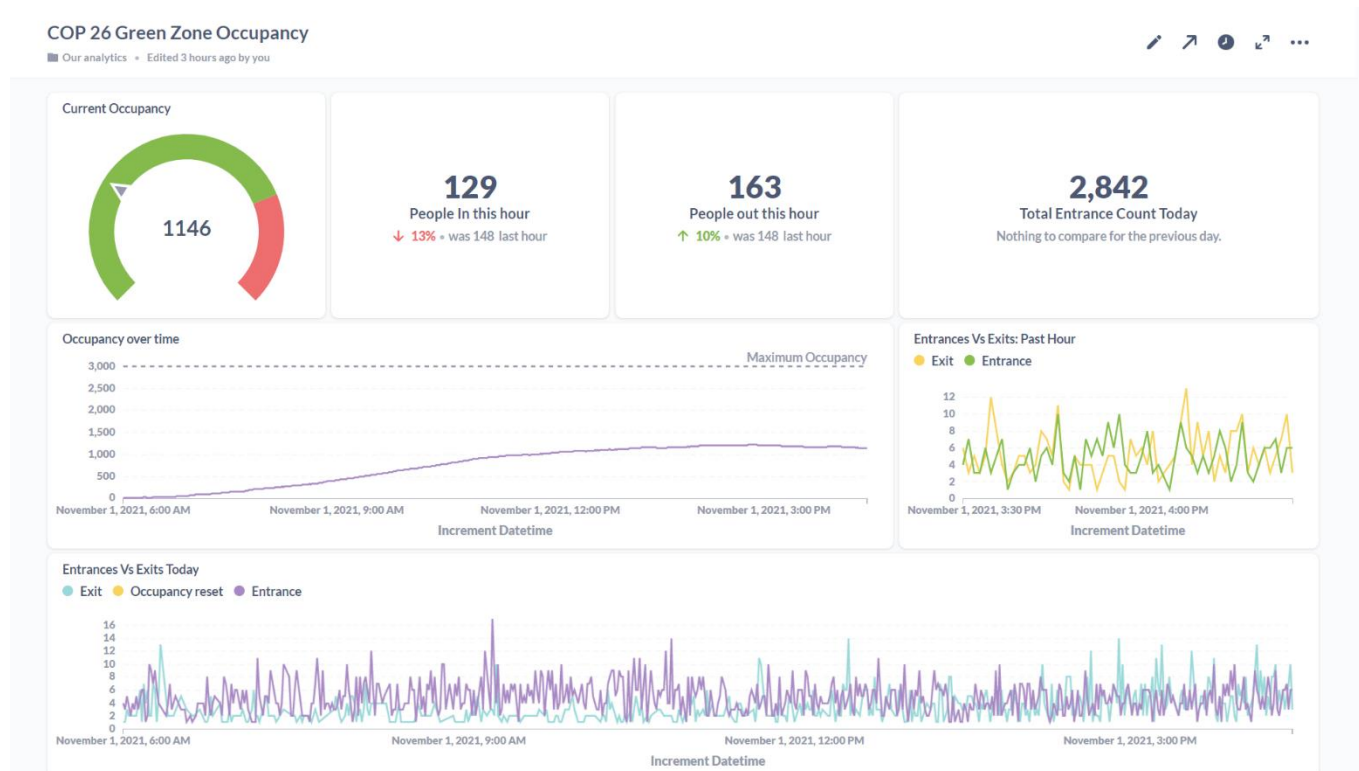
We have gained a wealth of experience in the electronic security industry, which is now complemented by a team of specialists in business intelligence, software development, system integration and technical support services.

By staying true to our philosophy of “Innovation – Information – Intelligence” we’ve been able to solve complex business challenges for many prominent companies across the UK and Ireland.

Rental Details

1. IntuVision Video Analytics - Retail Module utilising Enter/Exit rule
2. Insight Management Reports (IMR) for data collection & reporting
3. Design consultancy
4. 1 month rental to cover duration of event





Example IMR Report Page

BENEFITS FOR INSTALLERS

Atalian Servest provided several services to the COP26 event and this solution enabled them to provide accurate, relevant and rapidly installed occupancy monitoring data to their end user, ensuring that they met all of their end user’s requirements.

The combination of the highly accurate IntuVision video analytics with Bi3’s Insight Management Reports (IMR) provides a flexible solution that can be rapidly deployed to meet a variety of needs and requirements.

Business Insight 3 provided Atalian Servest with the finance option to rent the system in order to deploy a short term solution at low cost for this temporary event whilst still providing a high quality service. This reduced the financial burden whilst still allowing the end user to utilise best in class technology to meet their requirements.

BENEFITS FOR END USERS

The solution provided a number of benefits to the client including; allowing them to effectively manage the occupancy of the Green Zone, ensuring public safety was maintained throughout the event, being able to monitor attendance to key events, and giving objective data on when to release further batches of tickets for events based on the current occupancy of the venue.

