

Major event security support

Innovative biometric technologies for secure and enjoyable events





AND

Supporting public security forces in securing any type of event

Security is one of the biggest concerns at major national and international events – independent of whether they are organized by public or private entities. Security issues faced by organizers have become multi-faceted.

Whether it is the threat of terrorism, crowd outrage in stadiums or extremism at major international summits, the recent years have clearly shown the importance of cooperation between public and private bodies, as well as their security providers, for a truly comprehensive risk and security management approach. in-depth understanding of the processes and procedures involved. We do not only provide you with the most innovative biometric security technology – we ensure interconnectivity of new and existing systems for a smooth running of the event without incidents. With the support of our technology, you can ensure that the effort of your security forces is focused on the real threat and has minimum impact on your guests.

IDEMIA's cutting-edge technology has

"Public security forces are facing an increasingly challenging global threat landscape. IDEMIA Situational Awareness helps them to work as efficiently and effectively as possible to keep citizens and visitors safe."

Albert Tabet, Vice President Law Enforcement and Video Analytics supported organizers of a variety of special events, such as international summits, annual general meetings, and major sporting festivals. In the course of our longstanding relationships with the world's leading law enforcement agencies as well as private organizers, we have developed an

IDEMIA's four steps to event security

The focus of all security efforts for an event is of course on preventing anything from happening in the first place. If an incident does occur, swift reaction and decision-making based on the best available intelligence can prevent an incident turning into a crisis.

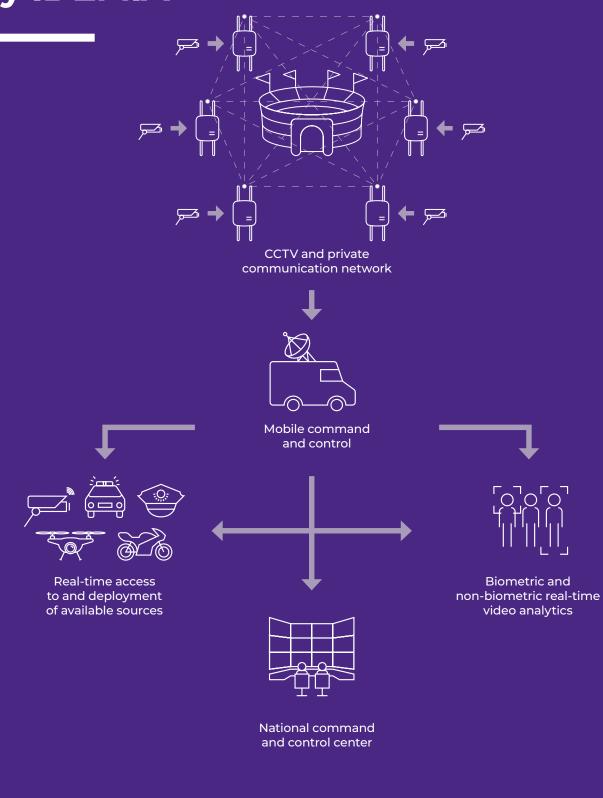
Comprehensive video analytics technology, combined with an innovative multi-biometric approach allows you to create the highest security environment with a minimum impact on convenience for your visitors. Whether you are a private or public entity, a good understanding of your processes paired with the interoperability of the systems is key.

IDEMIA's offer is flexible: either you ask for our expertise in specific areas only, or you can enjoy a full end-to-end solution. Either way, our proven track record in deploying large-scale projects in the shortest amount of time will come to your benefit. We offer:

- **1.** Planning of the overall security infrastructure according to your needs and the existing systems as part of the technical integration
- Integration of advanced network communication systems into the existing technical infrastructure
- **3.** Installation of IDEMIA's Augmented Vision for detection, tracking and identification of individuals, vehicles or suspicious objects
- **4.** Integration of IDEMIA's Situational Awareness solution to create the most intuitive mobile command and control center on the market

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Situational Awareness by IDEMIA



Planning of the overall security infrastructure

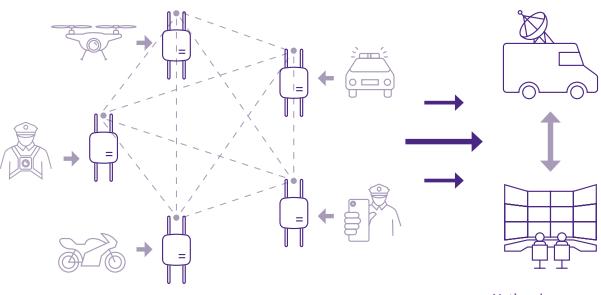
IDEMIA's long-standing relationships leading international with law enforcement agencies and private security forces provides us with in-depth understanding of your challenges and processes. Together with you we will develop a detailed, customized plan of what technical security infrastructure is needed for the planned event, and how it can be smoothly incorporated into the existing systems. Together with our partners, we will ensure that you receive the solution that supports your aims - in time and on budget.

Integration of advanced network communication systems

To secure a major event you need to deploy a high-performance network capable of sending a precise, real-time view of the situation anywhere on-site to the command and control center. This tactical network must be able to support multiple HD video streams and be robust enough to handle any type of interference and load.

We can provide routers that enable the rapid and simple deployment of a tactical, temporary wireless network that is 100% autonomous, self-healing and resilient. This allows you to stream up to 500 Mbps HD video and voice data in real time, even from drones, fast-moving vehicles, or teams on the ground. The network communication system can be deployed in any mobile set-up.

Mobile routers enable a simple deployment of a temporary network



Connected resources

National command and control center

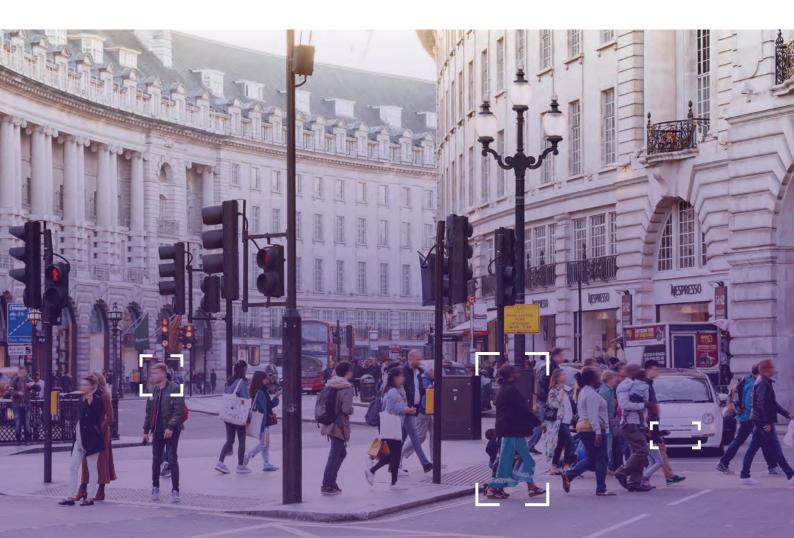
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Enhanced video analytics software for detection, tracking and identification of individuals, vehicles or objects

IDEMIA's Augmented Vision solution processes the vast amount of video data during a major event in real time. It allows multi-object (faces, silhouettes, vehicles) detection, tracking and identification from video streams against a database. This enables the identification of known troublemakers and other persons of interest. In the case of a missing person, the fast realtime processing also allows the reunion of individuals in the shortest amount of time. Alerts based on crowd density or abnormal behaviors and events enable quick intervention before an incident becomes a crisis.

Our facial recognition algorithms are highly rated by NIST and have a demonstrated ability to perform accurately under demanding real-life circumstances.

The post-event capabilities of IDEMIA's Augmented Vision solution have been developed in cooperation with experienced investigators to best serve your needs. Instead of watching hours of footage, the system allows you to isolate potential clues faster and more efficiently. You can focus on important images and video segments that are relevant to your investigation. From there, you can further shortlist objects and suspects and progress swiftly with your investigations.



Complement your command and control center with IDEMIA's Situational Awareness solution

IDEMIA's Situational Awareness solution combines our advanced video analytics capabilities with the most intuitive command and control software solution on the market. Upgrading your command and control center with IDEMIA's technology ensures you have the most efficient, mobile incident prevention and response technology.

It allows you to react on an alert immediately, looking for available forces that are closest to the person of interest. Through its intuitive interface combined with our video analytics platform, your operators can track the person of interest in real time and even anticipate possible paths the

individual could follow. Decisive information from the system and pre-agreed processes allow managing officers to decide and act in the shortest amount of time and even under the greatest pressure. Incidents can be prevented or de-escalated swiftly and efficiently.





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IDEMIA's experience

IDEMIA supported Argentina's Federal Police to secure the G20 summit in Buenos Aires

The challenge

In 2017, it was decided that Argentina would host the next G20 summit at the end of November 2018. The Federal Police of Argentina (PFA) thus looked for an innovative solution that would help them secure one of the most important meetings in the world.

IDEMIA's solution

IDEMIA supported the PFA by providing its market-leading video analytics platform to protect the gala dinner in the center of Buenos Aires. HD cameras

were connected to computing power running IDEMIA's system capable of real-time matching of individuals based on facial recognition. More than 10,000 portraits from different watchlists were uploaded into the system. IDEMIA trained PFA's local team to operate the system. The security perimeter that was set up naturally also included civil houses and apartment buildings and the organizers wanted as little disruption for the residents as possible. Therefore, the fingerprints of these residents were enrolled in a local database and a mobile identification device called RapID allowed easy and quick access for verified individuals.

The outcome

Argentina was able to successfully secure the G20 members. The nation stood out as a reliable, trustworthy country that has the potential and the technology to host highly anticipated political events.



IDEMIA's experience

ur ability to cope and assist with the logistical challenges of protecting large numbers of visitors or VIPs at an event is highlighted by our successful delivery of security services globally.



>100 million travelers processed every year



A leading contributor to various European research projects

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Multi-object video analytics



170+ ABIS deployed worldwide

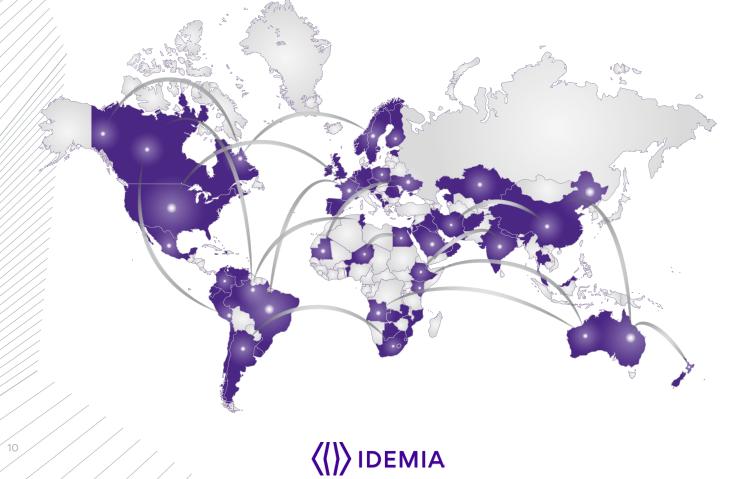


Smartphone-based in-the-field biometric checks

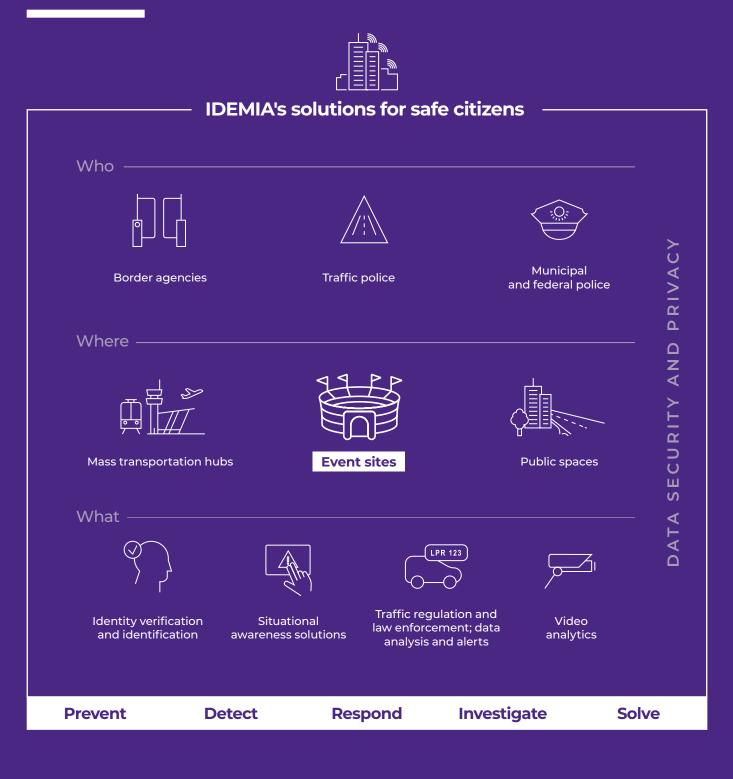
Situational awareness



4,600+ traffic law enforcement systems



IDEMIA's all-encompassing solutions for public security



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