## Israel: Managing Security for Rio Olympics

Rio de Janeiro Olympics will be a stage for the practical demonstration of Israeli capabilities in the field of Security & Safety. With a **US$ 2.2 billion security budget** under its management, Israeli company **International Security & Defense Systems (ISDS)** will coordinate **other 30 Israeli companies** in a complex project for the event.

### International Security & Defense Systems (ISDS):

ISDS's role in Rio Olympics will be to analyze all the locations involved in the Games – such as stadiums, facilities, parking lots, and the Olympic Village – and to design worst-case scenarios and corresponding solutions. As a coordinator and integrator for the Rio Olympics security system, ISDS will work with other 30 Israeli companies – it will select the appropriate technologies, define their responsibilities, and divide up the work. It is worth mentioning that ISDS is not managing security in Brazil. As ISDS CEO Tomer Fulman said in an interview "Brazil has intelligence units, an army, police and state authorities for that. We are like a special unit helping and advising the various agencies dealing with the event itself. We give them **coverage through advanced tools, operate them, and list rules**. If everyone observes them, they will **prevent terrorism, crime, and vandalism"**.

### Sample of Israeli companies under ISDS's coordination:

### ImageSat International:

Eros-B is an Israeli satellite developed by ImageSat International. It orbits Earth at a very low altitude and captures high-resolution images of up to 50 cm in an area of 450 km. These pictures will enable the identification of objects, people, and cars, therefore allowing for detailed inspections of Rio de Janeiro during the Olympics.

### Elbit Systems:

Elbit Systems produces a wide range of homeland security systems. These include "safe city" systems for crime and terror detection and crises management, large venue security systems, among others. Their technology can spot irregular behavior in a crowd according to characteristics defined in advance as irregular. The system itself is interfaced with security cameras aimed at areas defined in advance - crowded areas, such as the entrance gates to stadiums and halls, bleachers, and parking lots - and algorithms that facilitate analysis of irregular movements in them. E.g.: person in a crowd carrying an extremely large bag, someone jumping over the fence, a person sneaking into a place, etc.

### BriefCam:

BriefCam is the developer and provider of video synopsis for fast video review. This technology summarizes hours of events into a "brief" that takes just minutes to watch – with an index to the original source video. It is possible to easily find and identify any person or moving object on a given image at any point in time. Customers of this technology include police, border control agencies, and security operators in key facilities, among others.

### Safe City in a Box (SCIB):

SCIB is an Israeli startup that allows for rapid deployment of a network of sensors and cameras connected to remote control centers, which provides photos and data from the field in real time. The system can be connected to permanent networks of security cameras or can be connected to a temporary point of interest. When the point is no longer of interest, the system can be dismantled easily and installed in a short time period at the next event spot.