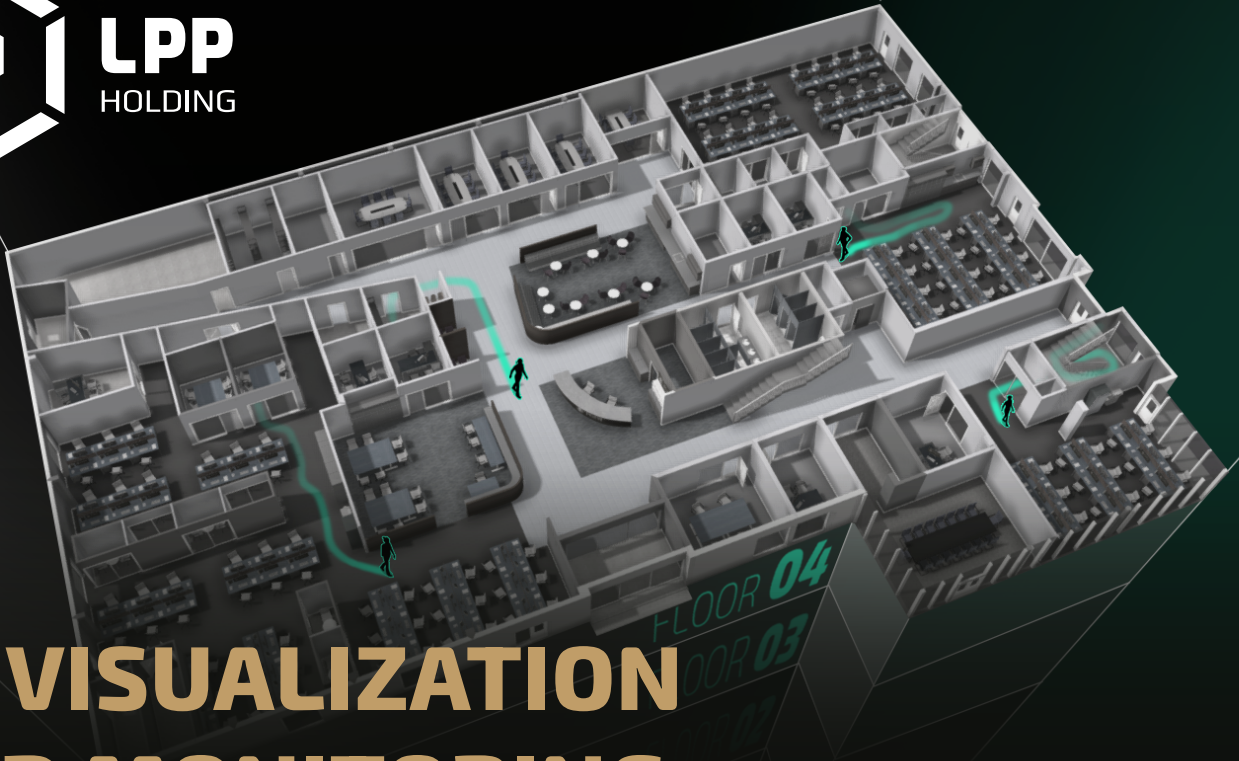




**LPP**  
HOLDING



# 3D VISUALIZATION AND MONITORING

THE ADVANCE OF MODERN TECHNOLOGIES

## POTENTIAL ASSISTANCE IN CRISIS SITUATIONS

We develop a wide range of technologies for the security industry. Thanks to our experts and deep know-how, we can adapt these technologies to the specific needs of our customers. We regularly communicate with end users and use their feedback to create new, innovative products that raise the level of security in society.

One of our technologies is the ability to **convert any object into 3D**, most often building spaces and city maps. We create environments for simulating crisis situations, for example, when **designing and testing escape routes** indoors. We also have know-how in the field of **human, object and behavioural recognition, which we integrate into our 3D models**. This allows us to accurately locate subjects in a three-dimensional environment.

### 3D VISUALIZATION

- + Digital twins
- + Visualization of spaces, building plans or entire city maps
- + Designing escape routes for a given area and testing them by simulation
- + Using virtual and augmented reality

### 3D MONITORING

- + Capture and localization of people's movement in a 3D model of the space in real time
- + Using artificial intelligence to recognise a person's gender and age
- + Ability to recognise a person's condition such as fainting
- + Using machine learning methods to detect the subject according to specific needs

