AG Smart Face

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- Leverage detailed insights from the existing CCTV infrastructure
- Deploy more comfortable, secure, and productive visitor experiences through people counting and access control.
- Eliminate risks and prevent unwanted access throughout your premises.

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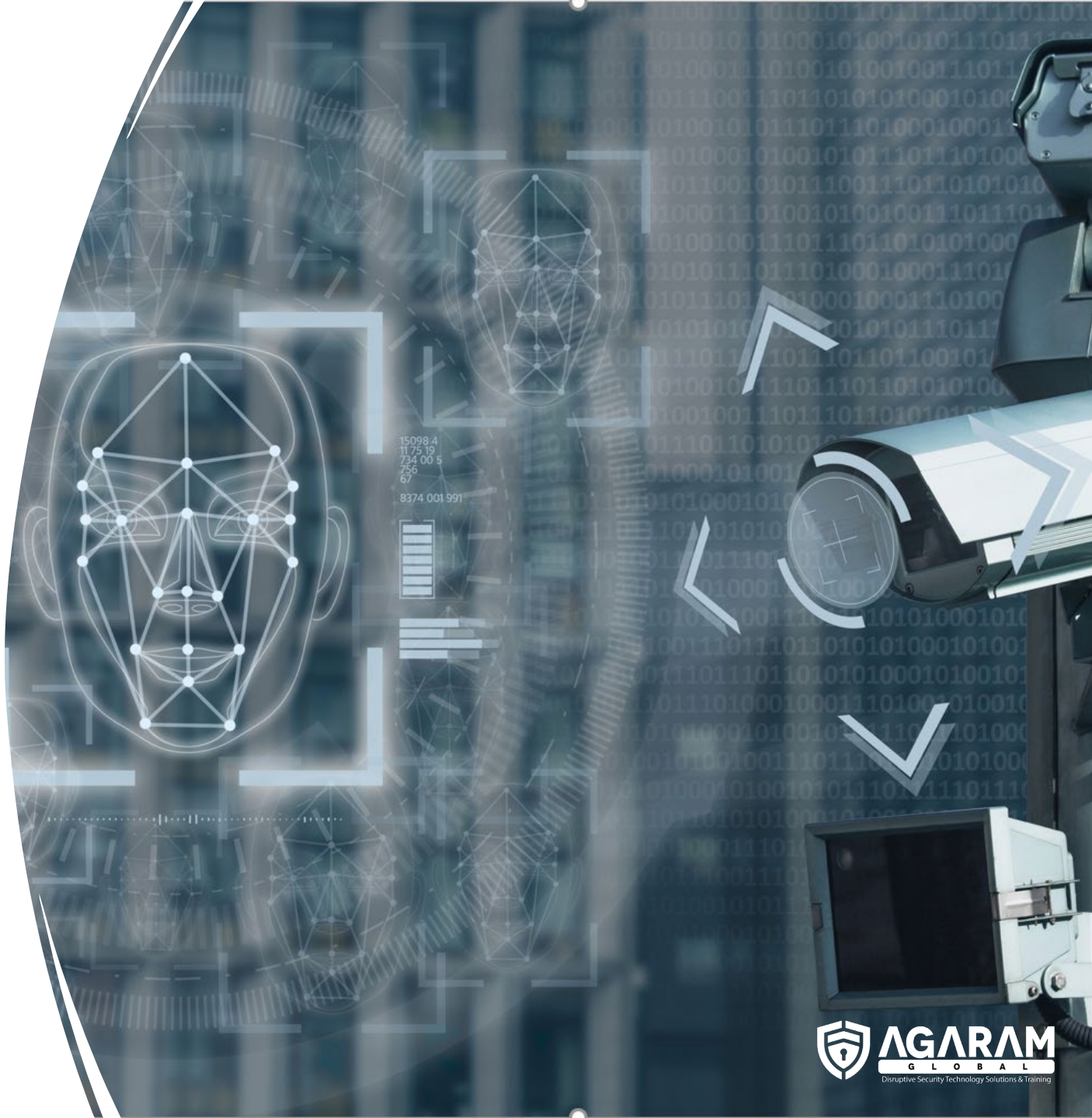
Introducing AgaramGlobal's Smart Facial Recognition

- Imagine if you could identify people on your premises at your event? And then, from that visual information, you could assess their gender, their age, their approved access level?
- The detailed insight – and intelligence – offered by such in-depth visual data brings invaluable operational advantages and rewards



Features- Face Recognition & Search

1) Functional Capabilities :
   a. Captures human faces in a video frame
   b. Registers facial biometric parameters (glasses, headwear ,hair color ,emotions...)
   c. Compares a captured face displayed in a video frame with reference images stored in the database
   d. Maintains a reference face database used for face recognition
   e. Creates photo- and video archive
   f. Searches for faces in the database using a photo
   g. Provide analytical data
   h. Counts unique visitors by recognized faces

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How Does It Work?

- System automatically picks out faces in the video feed from cameras.
- It compares them to a database, such as an employee access list or a blacklist.
- When it determines a given degree of similarity (high or low), it triggers the system to lock or unlock a door, send an alert to security personnel to take further action
- It can be integrated with access control; our solution can play and important role Attendance management system.

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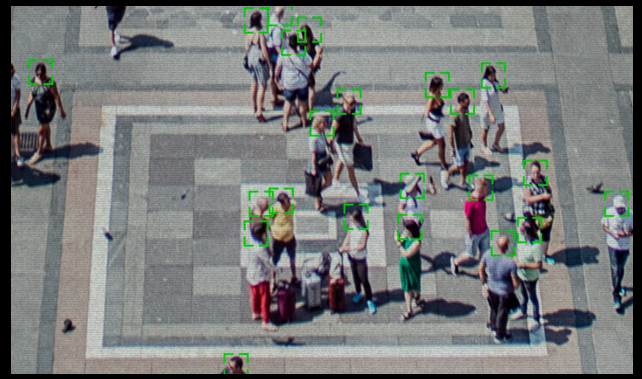

1) **Face Recognition**
   a. Identify the captured face (recognize captured faces)
   b. Compare the captured face image with a reference image on DB
   c. Maintain a reference face database with personal information

2) **Face Search :**
   a. Search the face image on video archive (Database)
   b. Face search by image loaded from a file
   c. Monitoring of captured faces in real-time mode.
   d. Exporting the search results for reporting
   e. Working with reference face databases

3) **Face Detection**
   a. -Detects multiple human faces in the video frame appears in the field of view that meet the algorithm criteria

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Contactless Access

1. Face recognition with appropriate vehicle owner with his License plate number (compare the face with vehicle License plate number)
2. Process
   a. Capture the vehicle owner face and linked with the vehicle license plate number stored in the database
   b. Face Recognition system compares the captured face with the appropriate License plate number (Restricted for unknown persons)
   c. Provide Access (Appeared person face and License plate number is matched then it provides the access, otherwise denied the access)
3. Attendance: Log First Entry and Last Exit of each person for every day (Entry and exit persons identified with face recognition channels

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THANK YOU

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