



# Technical Specifications

## MOBOTIX Visage Technologies Face Recognition App

### Face Recognition for Access Control

The app compares and recognizes faces based on encrypted image data stored in the camera (face descriptors, not real image files). The application has a 97 % hit probability for access applications. The app can be tested free of charge for 30 days and can be activated for a period of either 12 or 24 months. The app is ideally suited for the following industries: Utilities, Energy & Mining; Industry & Production; Government; Traffic & Transportation; Retail; Healthcare; Education & Education.

- App works as an extended security level for access controls, login terminals, transactions, etc.
- Works with camera online and offline
- Delivers quick and reliable results
- Configuration of the app also via MxManagementCenter (free Advanced Config license required)
- Can be used with all cameras of the MOBOTIX 7 system platform

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### Product Information

Product Name	Visage Technologies Face Recognition App
Order Code	- Mx-APP-VIS-FR-1 (one-year license) - Mx-APP-VIS-FR-2 (two-year license)
Supported MOBOTIX Cameras	Mx-M73A, Mx-S74A
Minimum Camera Firmware	V7.0.4.x
MxManagementCenter Integration	- min.MxMC v2.2 - Advanced Config license required - Smart Data Interface (Recognition Log)

### Product Features

App Features	- Completely edge processed - Face Detection & Recognition optimized for access control scenarios - MOBOTIX events via MxMessageSystem - White- and blacklisting* - Recognition log*
Maximum number of simultaneously detected / recognized faces	4
Maximum number of enrolled faces	1000
Meta Data / Statistic formats	JSON
Trial License	30-day trial license pre-installed
MxMessageSystem supported	Yes
Interfaces	compare supported camera's interfaces
MOBOTIX Events	Yes
ONVIF Events	available after camera firmware update

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## Scene Requirements

Minimum face height	1/10 of live image resolution (e.g. 30px @ VGA)
Recommended installation height (camera)	165 – 210 cm
Maximum Horizontal Angle	10°
Maximum Tilt Angle	5°

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## Technical App Specifications

Synchronous / Asynchronous App	Asynchronous
Accuracy	Typ. 97% (considering scene & technical requirements)
Processed number of frames per second	Typ. 2 fps
Recognition time	< 1 s
Detection time	Typ. 80 ms
Size of individual face data set	1 kB

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\* available with updates in future

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