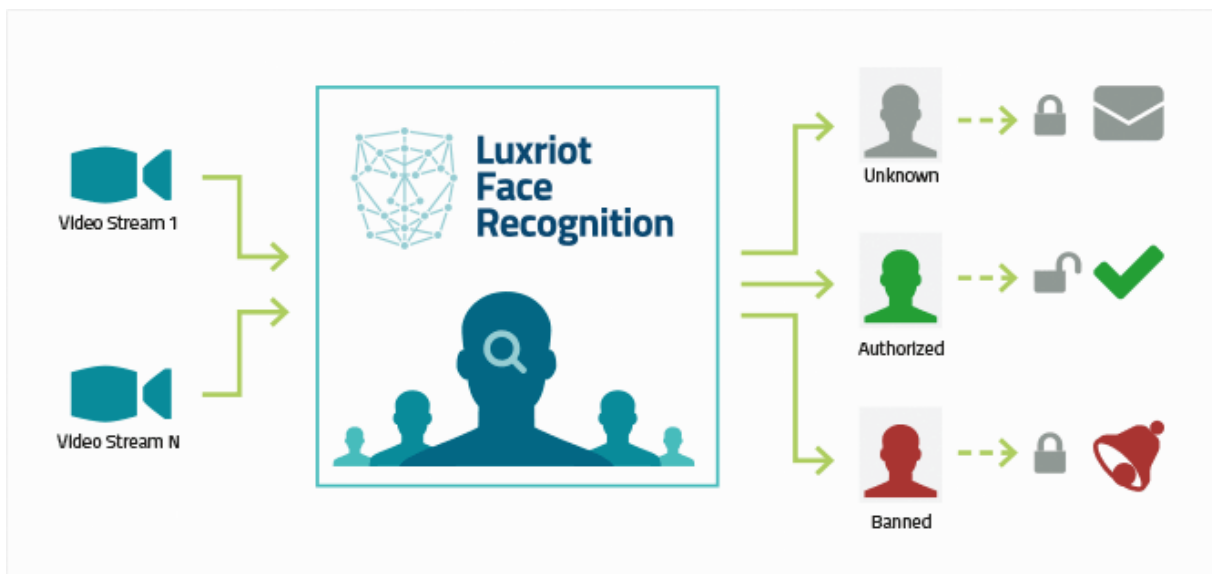# LUXRIOT LFR
FACE RECOGNITION
ENTERPRISE SOFTWARE

Luxriot® Face Recognition is a biometric application that is designed to work with Luxriot® VMS Server.

The technology assures system performance and reliability with live face detection, simultaneous multiple face recognition and fast face matching in 1-to-1 and 1-to-many modes.

Luxriot® Face Recognition is ideally suited for human resource control applications as well as for security and enforcement applications.

Key Features

- Efficient recognition with low error rate
- Quick and convenient registered faces search and browsing
- Simultaneous multiple face processing in live video
- Storing recognised faces images on local or central database
- Relies on Luxriot VMS servers for live and recorded video streams
- Process video streams from multiple Luxriot VMS servers
- Very simple installation with configured ready to go database
- Option to use own database instead of default one

Licensing

Features	Basic License	Enterprise License
Maximum number of faces recognized in 10 seconds per system	5	500*
Maximum number of simultaneously connected video streams	2	10**
Maximum number of simultaneously recognized faces per system	1	50*
Required minimal face presence time for accurate recognition	1 second	0.1 second

* Server hardware performance must comply recommendations

** Up to 200fps per system. Server hardware performance must comply recommendations

Recommended hardware requirements*

	Basic edition		Enterprise edition	
Number of connected video streams	1	2	1 & 2	3-10
CPU	Intel i3 >2,8Ghz (4 threads)	Intel i5 >3,0Ghz (4 threads)	Intel i7 >3,2Ghz (8 threads)	Intel i7 or Xeon >3,2Ghz (16 threads). Single CPU systems only
RAM	8GB		16GB	
Storage	~ 1GB** per 1000 recognition results			
OS	MS Windows 64bit versions only (no 32bit OS support) Editions: 7, 8, Server 2008, Server 2012***			

* No Luxriot® VMS or other modules are included

** Exact size depends on video stream resolution. The number shown is calculated for FullHD video stream resolution

*** Virtualized environment is not supported.