



Thales Cogent Face Recognition Platform (FRP)  
Highly efficient world-class face recognition solution for better user experience and improved security

# Cogent FRP

## Highly efficient world-class face recognition solution for better user experience and improved security

### Identity & Biometric Solutions

Embedding a leading-edge face recognition algorithm, Cogent Face Recognition Platform (FRP) provides offers adapted for surveillance, physical access control / passenger boarding, forensic investigation, ID check, mobile face recognition, and a development toolkit for embedded applications.

#### The FRP offers are

- FRP Watch for surveillance by quickly identifying persons of interest from live video stream and sending real-time alert;
- FRP Verify for granting access by recognizing authorized person including liveness detection
- FRP Search to find known persons in a large database of photos, or in recorded videos
- FRP mobile app for standalone face recognition
- FRP SDKs, software development kit for 1:1 and 1:n match that can be used for various standalone/embedded application

More details can be found in each of the product brochures.



### Proactive Security

#### Simultaneous Recognition

Automatically recognizes multiple faces simultaneously from live footage or imported footage. This lets you identify individual people from dynamic, uncontrolled environments.

#### Several-to-Many Comparison

Captures several images of each person and compares them to many different reference images. This greatly increases the accuracy of matches and the likelihood of a successful ID.

#### Real-Time Alerts

Faces are captured and matched in roughly 1 second, and any connected desktop PC or mobile devices are notified immediately so you can take action quickly to help prevent a problem before it happens.



### Easy Integration

#### Existing Equipment Connectivity

Images are captured from a wide range of compatible cameras connected to the server, requiring no proprietary hardware.

#### Flexible Server Deployment

Adapts to your preferred environment and functions as an on-premise software.

#### Easily Scalable

You can scale the system up from a local to national level simply by connecting more devices.



### Efficiency With Accuracy

#### Accurate Capture

Supports multiple faces per frame, 5-50 frames per second and 720p-4K image resolution, ensuring captured images are readable from a wide range of cameras.

#### Image Quality Normalization

Utilizing score normalizing algorithms, the software can be utilized to help identify matches from low-quality images.



### Flexible Software

#### Dashboard Watch List

Allows you to enroll and categorize over 1 million faces as "cleared" or "not cleared" in a customized watch list.

#### Software Developer's Kit

The capture-and-match algorithms are available in a robust software development kit so you can integrate one-to-one matching with Gemalto document readers.

#### Investigation Support

The software can also import footage and still images from a range of cameras not connected to the system. This allows for suspects in criminal investigations to be identified with the same several-to-many approach.