

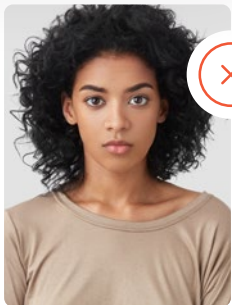


One-pager

# Face Mask Detection

Our SmartFace Platform is able to detect if a person wears a face mask or not.

It can also check if the face mask is worn properly, making sure the nose is fully covered.



No mask



Mask present



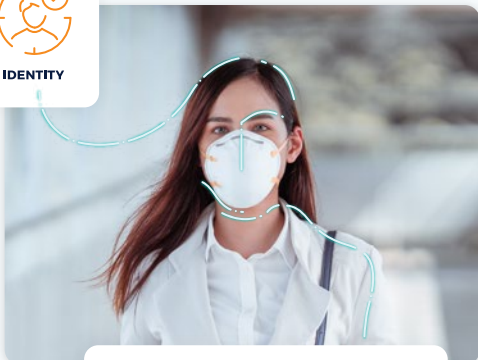
Nose tip not covered



Nose tip covered



IDENTITY



**Diane Clarke**, Female  
**Face mask:** yes

## Easily enforce security measurements during the pandemic

- Get instantly notified when a person is not wearing a face mask or not wearing it properly.
- Prevent a person not wearing a face mask from entering your premises.
- Detect and even recognize multiple faces in one frame.

# SmartFace Platform

## Industry-Leading Facial Biometrics

Innovatrics has been developing facial biometric algorithms that are consistently ranked among the best in the world based on independent NIST benchmarks. Our facial recognition engine is able to identify or verify faces with high accuracy, particularly on low-quality images.

## SmartFace Platform

SmartFace detects and tracks faces in parallel video streams from multiple IP cameras without compromising speed and accuracy. The power of our high-quality facial recognition algorithms supports any instant identification scenario for access control, surveillance, video investigation, and other purposes.

### SmartFace Features

- ✓ Facial recognition for real-world situations
- ✓ Complete feature set for any facial recognition use case
- ✓ Watchlist Autolearn
- ✓ Hardware agnostic

## Hardware Independent

### HW & SW Requirements

Operating system  
Windows Server 2016 (x64),  
Windows 10

Database  
MS SQL Server 2016+

Storage  
Minimum 2 GB for SmartFace +  
approx. 10 MB/camera/day

Supported cameras  
All IP cameras supporting RTSP  
Thermal cameras  
Web cameras  
Mobile phone cameras

Supported video formats  
All standard video formats

Supported GPU  
CUDA compatible, min. 4 GB RAM

### Sizing Recommendations

RAM per camera\*  
3GB

CPU per camera\*  
1x 2.6GHz CPU physical core

Bandwidth per camera\*  
4 – 8 Mbps

Multiple faces tracking  
Yes

\*1 HD camera (1280x720 px), 25fps

### Integration

Interface  
REST API

Message notifications  
ZeroMQ

Integrated VMS  
Nx Witness VMS  
Milestone XProtect VMS

Integrated ACS  
Inner Range ACS



We are an independent EU-based provider of multimodal biometric solutions. Our algorithms consistently rank among the fastest and most accurate in fingerprint and face recognition. For over 15 years, we have partnered with all types of organizations to build trusted and flexible biometric identification solutions. Our products are being used in more than 80 countries, benefiting more than a billion people worldwide.