Facial Recognition and Tracking of Special Operators

Work and research conducted by @OSINT_Tactical

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Every face is unique.

« For Facial Recognition to be effective, a full, front-facing, and high-quality photo of the face is needed!", that is what many will tell you »

FALSE! This is a misconception, it's no longer the case nowadays, as this document demonstrates.

Tango 1

GIGN

Above: Source photo used as the basis for the research
2 operators from GIGN (National Gendarmerie Intervention Group)
Target 1: Operator on the left

Result 1

Same Operator detected on another photo
I treat faces like maps, we can see in the orange square that he has the same pattern in between his eyes.

Result 2

Conclusion: This GIGN operator is wearing a balaclava, no photo of his face could be found, however, the visible part (eyes) allows facial recognition to work, which enabled "tracking" the operator in the various missions where he would have been photographed, even while being always maske. This, of course, poses a huge security concern for all special operators.

Tango 2

Commando Marine

Above: Source photo used as the basis for the research
Operators from the French Navy Special Forces commandos

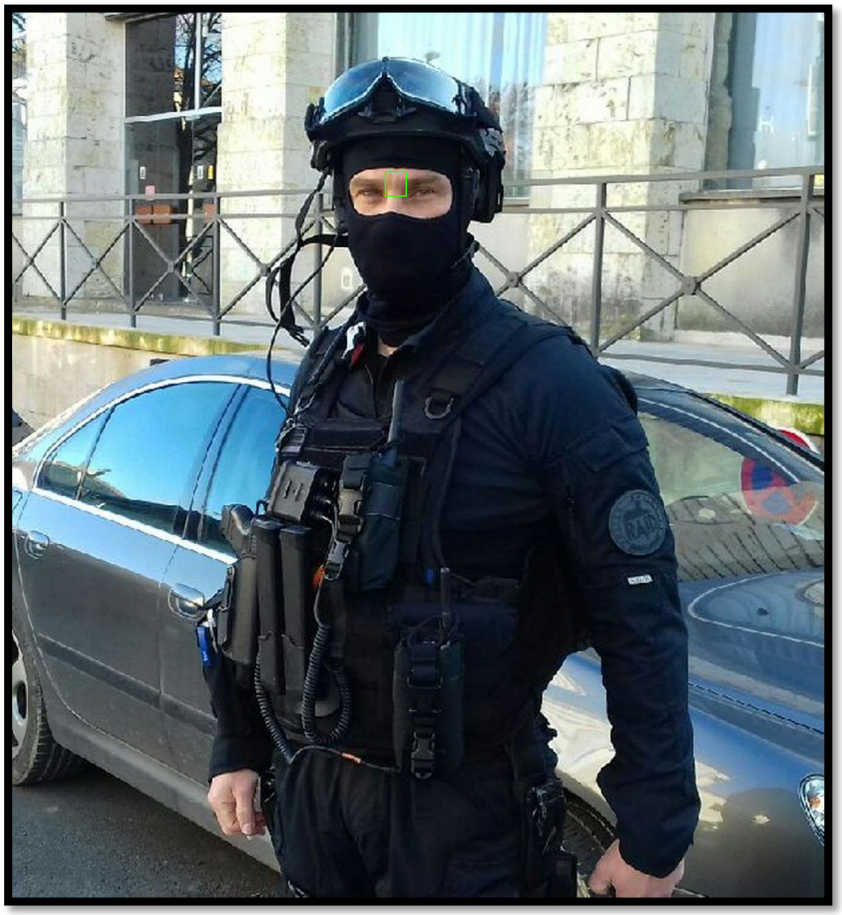
Target 2: Operator on the right

Result

Conclusion: The neck gaiter, which hides part of the face,
leaves a portion on which it is possible to work,
leading to positive facial recognition and a new photo found. Notice the matching eyebrown pattern.

Tango 3

RAID



Above: Source photo used as the basis for the research
Operator from RAID (Research, Assistance, Intervention, Deterrence)
Target 3: The RAID operator alone in the photo

Result 1

Notice similar pattern in between the eyes, same eye colour.

Résultat 2

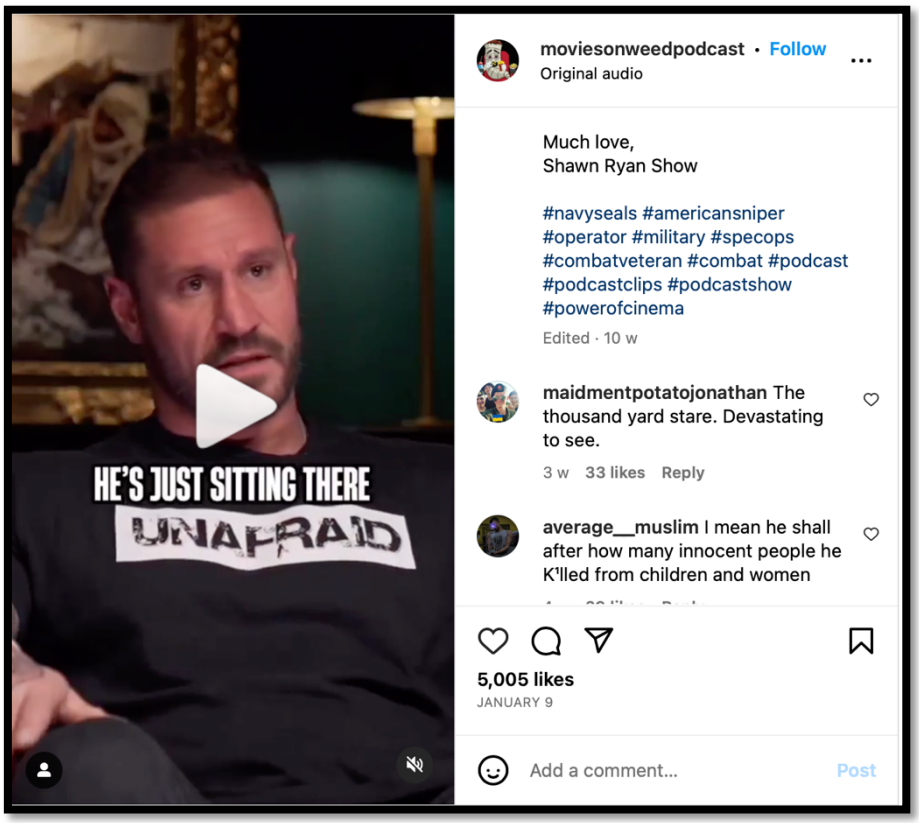
Conclusion: The mask worn by this RAID operator did not hinder the proper functioning of Facial Recognition, which is why 2 other photos of him were found, and they are not from the same day nor the same place.

~~Tango 4~~

Navy Seals Team 6

Above: Source photo used as the basis for the research
Operators from Navy Seals Team 6
Target 4: The operator on the right

Results



Conclusion: The operator is not masked, but the photo is old, of poor quality, taken at night, from a distance, with a beard and long hair. Despite these factors, facial recognition still worked and more recent photos of this former Seals Team 6 operator were found.

Tango 5

GIPN and RAID

Source image above of the operator above

Result

Conclusion: The operator is masked; in the first photo,
he is a member of GIPN, in the second photo he is a member of RAID.
When the GIPN were closed, many operators transitioned to the RAID units.
The facial recognition worked well, the officer was recognized and a photo from the RAID was found. It's also interesting as peoople say
Facial Recognition does not work well on people with dark skins. It Does !

Conclusion from my work carried out on Facial Recognition

***A well-known tool in particular was « watered down » after governments became aware of my research after my presentation at a cyber event. You can no longer track SF operators that are masked. This is why I am releasing my research publicly. The scary thing is that Governments are not obliged to dilute their tools to make them less powerful, think of the big guns out there and what tech they have.**

Think of the technology of technologically advanced states such as the USA, Russia, Israel, or China, ~~but the facial recognition used by civilians is becoming increasingly powerful and efficient~~.

Special unit operators carry out highly sensitive missions, both in France and abroad, and partial facial recognition will allow them to be tracked through their various missions (if they have been photographed or filmed somewhere on the planet), as demonstrated by the work that I have carried out and the results in this document.

Therefore, nowadays it is clear that with partial facial recognition technology, being masked is no longer effective in protecting the anonymity of special operators. Everything is advancing very quickly, and there are already tools accessible to civilians that can identify a person using only the upper part of the face as a working basis. (See the last test below with Jean-Baptiste Dulion, the boss of RAID)