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#NAFO #NAFOfellas #RussianFakes #FAKE

This 🧵 is about How the MOST WIDELY SHARED image of "ukronazis" is also the MOST FAKE one out there. Courtesy of little Kremlin photoshop-Igor.

Imagine you are the biggest 💩hole country in the world and want to invade your more civilized neighbour. Now you are in dire need of a bogus excuse to murder 40M Ukrainians. How about Denazifikation. You got your asses kicked by them last time in 2014. Perfect. Just one problem:
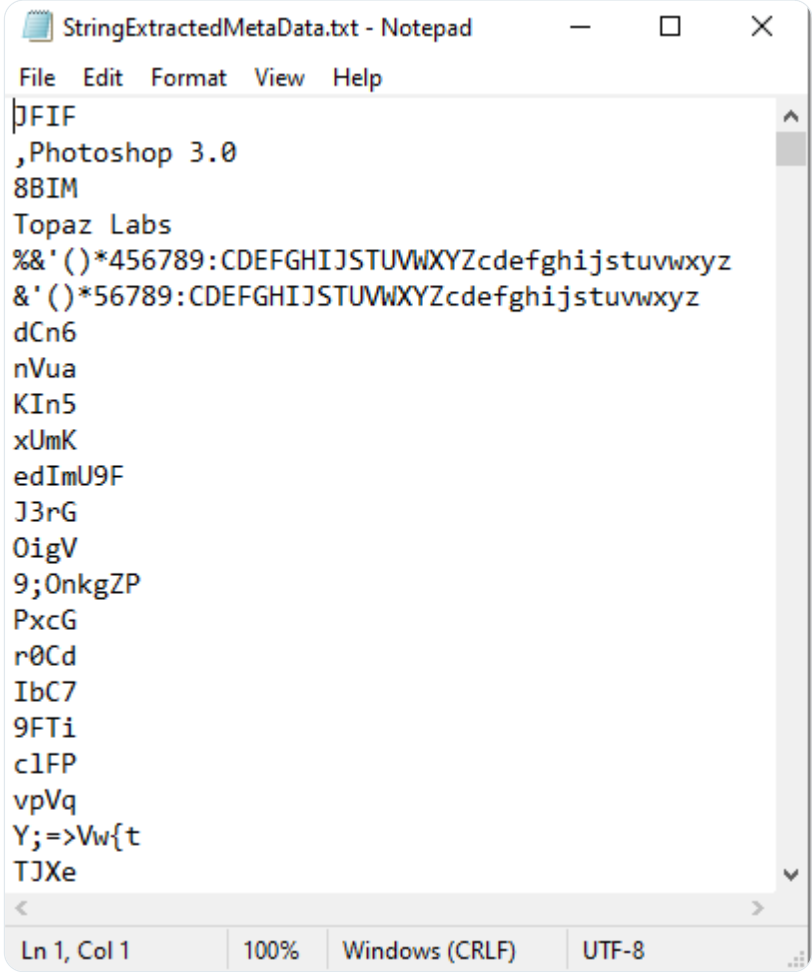
While you have access to a big trove of photos of ubiquitous Wagner & Ruzlan/Rusich Nazis, you find no suitable moderate-resolution images of Ukrainian ones. Also, the war just started. You don't have yet enough genocide lovers spending their free time to create & publish fakes.

So you have to do the job yourself. This Fake image was published in the early days at the start of march by exclusivly pro-kremlin sources and I assume bogus "ukrainian" telegram accounts. Widely circulated for a year.

To debunk this nonsense, we first have to reverse-image search a decent resolution version of the image. Luckily I found one with the funny name 125288_original.jpeg. Forged from original? The bigger the image, the closer you are 2 the forger.

Lets take a look at the meta-data of the jpeg. We got lucky, this is indeed a version of the image with quite telling meta-data left.
For one we can see that Photoshop3.0 and an app from TopazLabs was used. We can also see the JFIF jpeg exchange format.
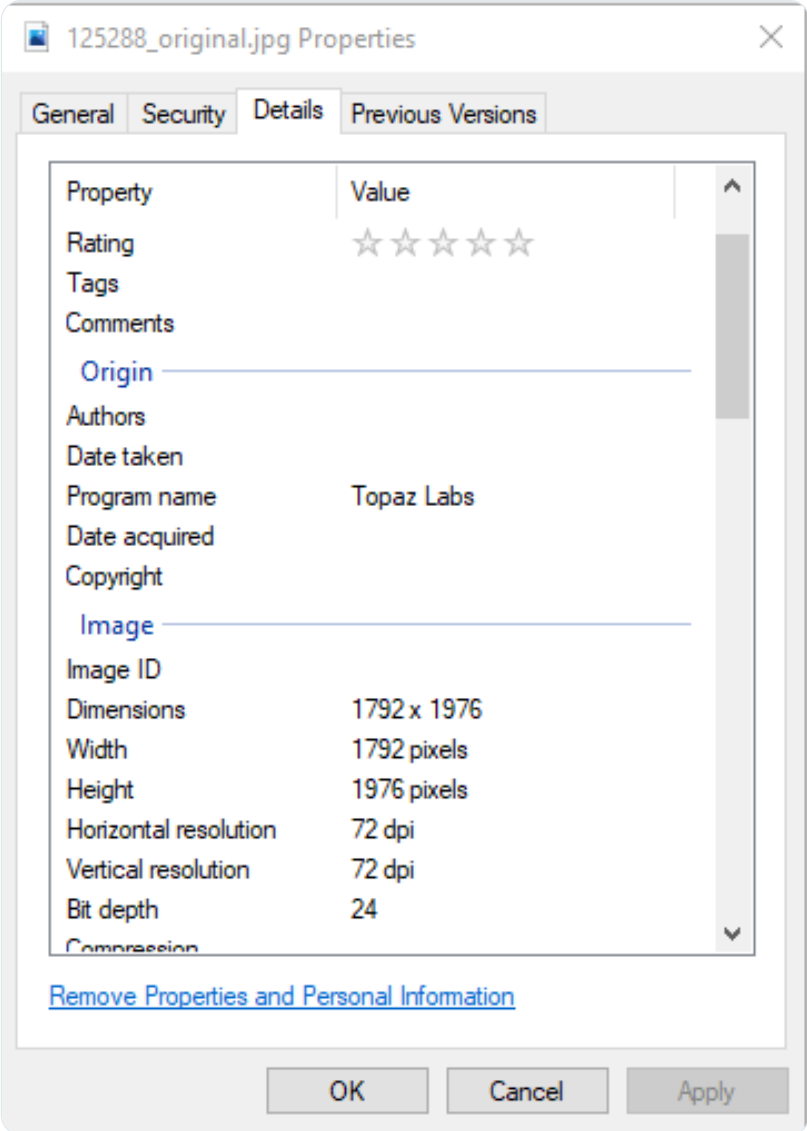
We can also see, that Photoshop was used before the TopazLabs app, as the latter is noted as the last-output origin. It turns out, that

Topaz Labs: AI Image Quality Software
Photo and video enhancement software powered by deep learning gets you the best image quality available for noise reduction, sharpening, upscaling, and more.

https://www.topazlabs.com/

has different app-suites for AI enhanced image-reconstruction, Noise-Filter operations and has a price range of 300$+.

I guess the apps work by converting the input pixels of the original image -> to a complete new pixel reconstructed output resembling the original input.
We will soon see, why this is relevant.

Lets take a look at the pixel image. Due to higher resolution we can clearly see the photoshopped parts and some ridiculous artifact.
For one we can clearly see that Photoshop-Igor put considerable amount of work into repainting the flag to a ukrainian colored version. 🤦
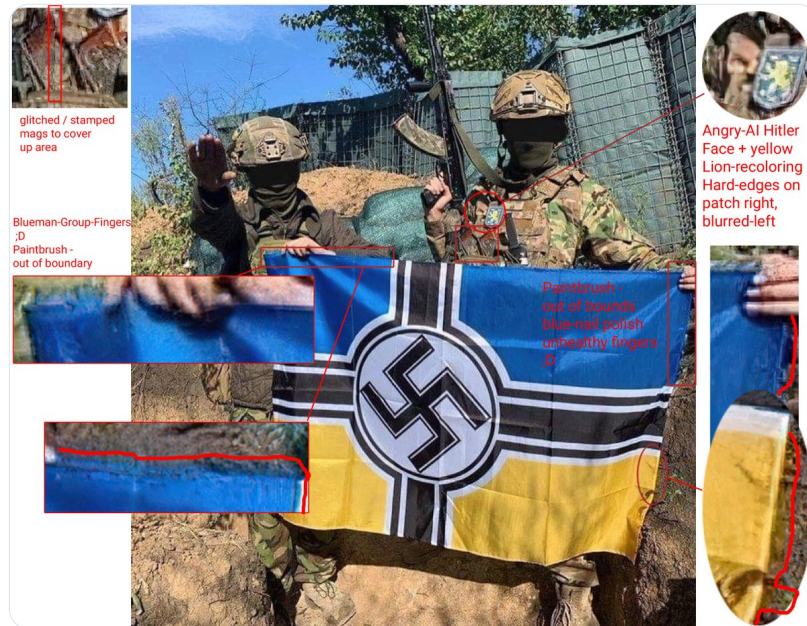
Real Ukro-Nazis dont have to do that, they would have a real flag. So this is 100% coming from the ruZZians. Also it is strange to overpaint the faces, even though they wear balaclavas. Real Nazis are quite proud of themselves and won't censor themselves. Is there another reason?

To find more parts in which color got edited I used Principal Component Analysis. This is used to find outliers and parts that don't really fit to the rest of the image data. For one, we see sharp edges in the recolored parts and a pretty obvious boundary around the galicia patch

Principal Component Analysis
Hard edges/border
no-color transition
inner area = yellow recolored

Very healthy Zombie fingers ;D

Recoloring involves for example
1. desaturation of areas to retain texture & illumination
2. over-painting with another color in overlay/multiply mode to combine layers
However, there is a slight red/pink shimmer in the border areas within the white stripes. Most likely from ambient-light bouncing of the formerly RED nazi flag.
This is more observable in the lower areas of the flag. Also, if RED areas were darker due to the color, they might need to apply "Lighten" operations on the desaturated parts, before painting over with yellow.
This might explain these hard edges in this analysis for the yellow areas, even though they are low in contrast in the normal pixel image (white-yellow).

We also see that photoshop igor placed a drop of yellow color inside to enhance the recognition of the patch with the human eye. This can only be the galicia devision nazi patch. 🤡

The placement of a foreign object would however be pretty obvious in Noise- and Error-Level (jpeg-recompression) analysis. Also the shadows on the left of the patch are difficult to match with camouflage pattern of the uniform.

So how can we enhance that part and obfuscate that the image was altered?
This is there the Topaz Labs tools come into play, thus being the last app to output the final image. Apparently it does a great job at noise-equalization.

Noise-Analysis :
Can you spot,
what Isn't there? =)
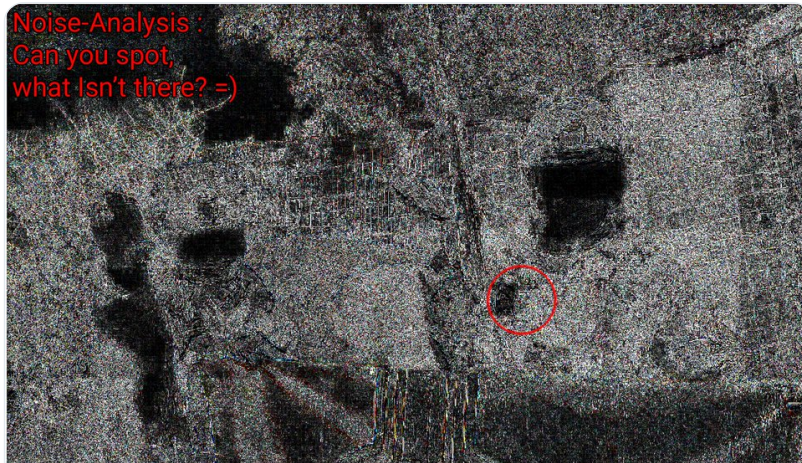
My theory why they use Topaz-Labs tools.
1. restore / enhance / generate new image information after heavy blurring e.g. after adding foreign objects like the patch.
(but please by all means, overpaint the faces before, otherwise someone might identify them as ruZZians if face detail is enhanced)
=> in this case ridiculous hitler-face artifact
2. noise-filter and noise-equalization across the image
We know the patch is fake and doesn't fit into the scene.
Usually we would see foreign objects very clearly in this analysis, easy for everyone to spot.
And we do, look, the little face artifact is visible as area with quite different noise-level. Which means the artifact was either created during the operation or afterwards.
The patch however, is NOT visible and has the same noise level.
Aha. Well done Photoshop - Igor. =)

The presumeably heavily altered areas right next to the patch must be reconstructed. Using AI however, has the ridiculous side-effect that it thought it found in blurred-camouflage & shadow of the rifle-loop a face. For example the shadow turns into the dark hair of an angry 😠

To wrap up: To all those child-rapist and genocide lover troll acounts @Trollstoy88 @LogKa11 @AZgeopolitics and their retarded followers I have a simple question.

IF UKRAINE IS SO FULL OF NAZIS, WHY DO YOU HAVE TO FAKE SO MANY OF THEM?!🤷‍♂️🤡

Conclusion: We #Fellas got the perfect excuse to challenge every single picture coming from this shit-heads. As they will try better next time to classify and hide original images, feel free to use this stamp to label images coming from them.

Please RT, share and bonk hard. 😁🐕

Special Thanks: to the biggest moron on the planet, who motivated me to debonk this shit.
No you fucking idiot, this image is as fake as it gets.
@Xrl8Fernando