CERTIFICATION OF COMPLIANCE

for

XPERIX

WSQ Implementation Number:	11623
Platform:	Ubuntu 16.04 LTS 32bit
	PC (custom-built), ASRock B85M-D3H motherboard
	Intel i5-4460 CPU
	gcc 9.4.0
Criteria:	500 ppi grayscale image, 8 bits per pixel, at 5:1 and 15:1 target compression ratios

The FBI has certified that this implementation meets the accuracy requirements in the Wavelet Scalar Quantization (WSQ) Gray-Scale Fingerprint Image Compression Specification, Version 3.1. This algorithm is the standard for the exchange of 8-bit, 500 ppi fingerprint images within the criminal justice community. Within the frame header of the compressed image, the software implementation value (Sf) will be recorded as 11623, and the WSQ encoder algorithm (parameterization) value (Ev) will be set as 2.

This certification process is not intended to endorse one entity or implementation over another, but merely to certify that the implementation meets FBI standards. The authenticity of this certificate can be confirmed by checking the online registry at <https://www.fbibiospecs.fbi.gov/>.

Date: September 29, 2023