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December 6, 2020

Ms. Nancy Dubuc
Chief Executive Officer
Vice Media Group
49 South 2nd,
Brooklyn, NY, USA 11211

Dear Ms. Dubuc,

On December 1, 2020, Vice published an article by Todd Featherstone (“Facial Recognition Company Lied to School District About its Racist Tech”) which made false and misleading allegations about our company, our software and our relationship with one of our clients.

First and foremost, our relationship with the Lockport City School District over the last 4 years has been based on trust and transparency and all of our correspondence and communications is on the public record. The selection and adoption of the AEGIS system has been the subject of public meetings, discussions with various groups and published in local media outlets over the last 4 years.

Your selective interpretation of our relationship and reporting to the School District questions the fundamental objectiveness of your own reporting and tends to offer more opinion than fact.

I would like to categorically state, that ***SN Technologies Corp has never lied or misled the Lockport City School District*** including how our technology functions or the expected outcomes it provides.

Facial Recognition Accuracy

It is not uncommon for Facial Recognition algorithms to have differences in accuracy based on race and gender. Our AEGIS system performs at an accuracy level greater than 99.9% regardless of race or gender of an individual, as verified by the independent report conducted by Freed Maxick, one of the Top 100 CPA firms in the United States.

According to the Freed Maxick report and provided to the Lockport School District on the AEGIS system:

- the false match rate is 1 in 100,000 which converts to an accuracy percentage of 99.999%;
- a false match rate difference for Black Males to White Males is .002% higher for Black Males in comparison to White Males;
- a false match rate difference for Black Females to White Females is .004% higher for Black Females to White Females;
- a false match rate difference for Black Females to White Males is .01% higher for Black Females to White Males.

Furthermore, our system has been designed and developed with safeguards to protect any false detection whereby a human must verify each individual alert before any alert is confirmed.

Therefore, based on the results of this Freed Maxick review, your claim that our system is biased based on gender and race is once again false and misleading.

The Purpose of the Freed Maxick Review

As to the Freed Maxick report, it is critical to understand that the test results report from NIST (National Institute of Standards & Technology) is over 1,800 pages and is a Standards and Technology scientific document with language and format that is not written in plain language and is not reader friendly unless one is an expert in the Standard and Technology space. It also provides results in a static, standard testing format and a singular system setting for accuracy which does not represent real world realities of the software or the settings used in the Lockport School District. Which means that their controlled laboratory tests do not always represent the real-world use and application of any of the software that they test.

SN Technologies is an expert, software development company. When the Lockport City School District asked us to provide feedback on the NIST report and our software, we provided our interpretation of the reported information and suggested that a third-party expert review and assess all the data and provide an independent report to the school district. As is the standard for these types of reviews, SN Technologies paid for the review but had no involvement in the review or the final assessment.

Firearm Detection

As to your assertions about the firearm detection of our system, during the initial installation and implementation stage, a great deal of onsite testing was done with the Lockport City Police Department and the system settings were adjusted to reflect lighting conditions, camera angles and height. Adjustments also had to be made after construction and renovations at the Lockport High School early in 2020, as the construction disturbed cameras and their connections to the AEGIS system. Once the install and settings were complete the system was fully functioning. It is our understanding from feedback we have received from the school district, that the gun detection tool is living up to expectations.

Keeping Their School Community Safe

It is our understanding that the AEGIS system installed at the Lockport School District has not only met but has exceeded the School District's expectations. Furthermore, your article reports that the AEGIS system cost the school district \$2.7 million, this is not accurate and the actual price, which is significantly lower, is a matter of public record and therefore available for you to confirm.

We take our professional obligations seriously. We have always taken extra steps to ensure that all our customers have the best available scientific and safety data available to assist with them making the best decisions possible. We trust that our response will be published as a correction to the false and misleading allegations that you have made about our company, our AEGIS system and our relationship with the Lockport School District.

Sincerely,



KC Flynn

President