



## AI Facial Recognition to Identify “Potential” Criminals Slammed for Inherent Racial Bias



Do you “look like” a criminal? What does a criminal look like?

Researchers, including professors and a graduate student from Harrisburg University, developed computer facial recognition software to predict **future** criminal behavior. [Purporting](#) 80% accuracy and no racial bias, the group lauded this deep neural network model to aid law enforcement in preventing crime. The study will not be published any time soon as the university press release prompted a [strong and unequivocal response](#) from experts in the field.

[In response](#), over 1000 machine learning researchers, AI experts, and ethicists slammed the research, stating in part, “the appeal of machine learning is that it is highly malleable - correlations useful for prediction or detection can be rationalized with any number of plausible causal mechanisms.” The letter goes to great lengths to specifically delineate the inherent bias in such models and provides the following insight:

Because “criminality” operates as a proxy for race due to racially discriminatory practices in law enforcement and criminal justice, research of this nature creates dangerous feedback loops.

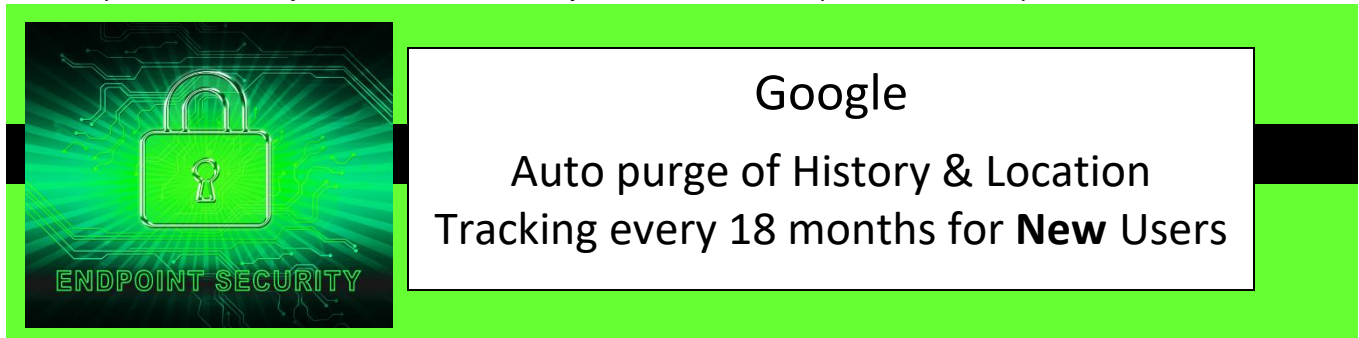
“Predictions” based on finding correlations between facial features and criminality are accepted as valid, interpreted as the product of intelligent and “objective” technical assessments. In reality, these “predictions” materially conflate the shared, social circumstances of being unjustly overpoliced with criminality. Policing based on such algorithmic recommendations generalizes more data that is then fed back into the system, reproducing biased results.

The fact that facial recognition software is far less accurate in distinguishing darker skin is a substantiated and significant failing noted in products developed by [prominent companies](#) including IBM, [Microsoft](#), and Amazon.

Proposals for using facial recognition by law enforcement has been fraught with controversy and error, including Amazon’s facial-recognition product, [Rekognition](#), which misidentified members of Congress as criminal- with black elected officials identified as criminals more than their white counterparts. Amazon just announced a one-year [moratorium](#) on police use of its product.

“Data generated by the criminal justice system cannot be used to ‘identify criminals’ or predict criminal behavior. Ever.”

*Open Letter from over 1000 machine learning researchers, professors, AI experts, and ethicists*




**Google**  
Auto purge of History & Location Tracking every 18 months for **New Users**

Google [location history](#) is turned off by default but when location tracking is on, Google follows your location, down to the minute. Historically, that data has been stored by Google for years. Going forward, Google will delete location and web activity after [18 months](#) for new accounts. You can adjust your settings to delete more frequently as well. Existing users will continue to have this data stored indefinitely. Google will make it easier to [control privacy settings](#) and for users to go “incognito” using some apps, as well. Additionally, [password checkup](#) will be integrated into security checkup, which has been used by 100 million users and led to a [30% reduction](#) in breaches. Password checkup checks user logins against a database of [4 billion](#) leaked credentials to see if your password matches a previously leaked password. According to Kurt Thomas, Google anti-abuse and security research team, “People who’ve had their data exposed by a data breach are ten times more likely to be hijacked than a person that’s not exposed by one of these breaches.”

Google has over [one billion](#) monthly users for seven of its services. Since this approach only applies to new users, is it a PR approach to make existing users think there are security improvements? Some describe this change as a [balance](#) of providing additional security with having enough information to drive ad revenue Google derives from knowing customer preferences. Google will [“actively remind”](#) existing users about auto-deletion through in-app notifications and emails- sort of like those postcards reminding you to get your teeth

cleaned. Besides, existing users can always change their settings to auto-delete. And, as more restaurants open back up, location tracking is particularly useful for consumers. Knowing how busy a restaurant is and the estimated wait time is a great plus to address both health and hunger in this pandemic environment.

## Cyber Warfare? China versus India



88% of Security Leaders believe the world  
is in a state of cyber war.  
Survey by cybersecurity firm, Venafi

Security experts warned that [2020 would be the year](#) of large-scale cyber warfare. Why? It is cheap, and it works. The cost of national defense, aircraft carriers with the most sophisticated software, electrical grids that serve large regions of a country, banking systems, and critical elections around the world are costly to create, update, and secure. The potential to disable these systems has huge payoffs, particularly in terms of disruption, all accomplished remotely.

India's Information Technology Infrastructure and banking sector experienced over [40k cyberattacks](#) in the last week, all originating from the Chengdu region in China. Cybersecurity firm, [Cyfirma](#), has attributed these attacks to hacking groups, "[Gothic Panda](#)" and "[Stone Panda](#)", both with close ties to the Chinese government. Gothic Panda targets defense, aerospace, telecom, transportation, manufacturing, construction, and engineering. Stone Panda engages in stealing trade secrets and supply chain information. The two groups are blamed for attacks in India, Japan, US, Canada, and Brazil.

TRITON [launched malware](#) against a petrochemical plant in Saudi Arabia in Dec 2018 and again attempted a similar attempt in April 2020, also targeting a critical infrastructure facility. These are significant attacks in that they are deliberate attempts to disable systems designed to prevent life-threatening accidents.

[5 Myths about Cyberwar](#), Ben Buchanan, The Washington Post- 1) Cyberwar is overhyped and impossible; 2) Cyberwar is about big hacks that crash power grids and airplanes; 3) Cyberspace is borderless with no geography; 4) The purpose of cyberattacks is readily apparent; 5) It's impossible to know who conducted a cyberattack. In fact, the threat is real and the United States government is very good at determining who conducted a specific attack because we use our own cybersecurity intelligence to spy on known hackers to anticipate and prevent threats.

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“I call it work from anywhere and that’s a movement and, really, that’s a subset of digital transformation. “

CrowdStrike CEO, George Kurtz, on the future of hybrid work and cybersecurity, “Mad Money” interview [here](#).

## Upcoming G2M Research Webinars for the Rest of 2020

As our industry continues to be “virtual” during the rest of 2020, webinars can be a good way to stay up to date. G2M has several webinars scheduled for this year on hot topics in our industry. Interested in attending our webinars? Register by clicking on the dates of interest. Interested in Sponsoring a webinar? Contact [G2M](#) for a prospectus.

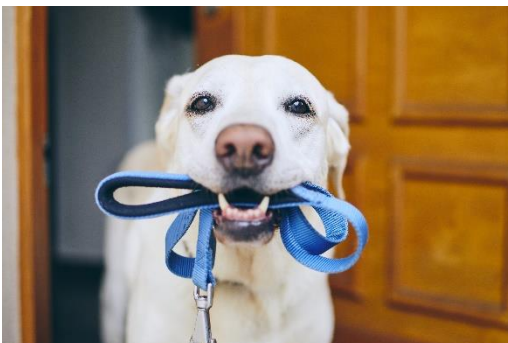


- [July 21:](#) AV, Self-Driving Cars, and Advanced Storage
- [Aug 11:](#) **VMware & NVMe-oF™ Storage Networking at Lightning Speeds (new)**
- [Aug 25:](#) **Advanced SSDs- PCIe Gen4, New Form Factors, and Smart SSDs (new)**
- [Sept 15:](#) Edge Computing/Storage – Get (and Keep) Your Data Off Of My Cloud
- [Oct 20:](#) AI and Storage Use Cases in Healthcare
- [Nov 17:](#) NVMe-oF™ - Using Telemetry to Improve Network Latency

*Check back for additional 2020 company-specific, conference, and other webinars (to be posted soon).*

*Let us know if there are any enterprise storage topics you would like to see covered this year or next.*

*Our first quarter 2021 webinar schedule will be released soon.*



Feel the Burn:

Banging your head against a wall for an hour burns 150 calories.

Or, you can walk your dog for 45 minutes. No worries, he has the leash..

## Upcoming 2020 Security Events

### [RSA Conference 2020 Asia Pacific & Japan](#) (July 15-17; Virtual, Free)

Discuss the latest cybersecurity information to prepare to confront cyberthreats. During Singapore business hours, access to dozens of timely and relevant sessions covering regional and global cybersecurity issues, networking opportunities, interactive programs and more. **Closed captioning will be available in English and Japanese for all keynotes and RSAC track sessions.**

### [Black Hat USA 2020](#) (August 1-6; Virtual, Free Business Pass)

Now in its 23rd year, Black Hat USA is the world's leading information security event, providing attendees with the very latest security research, development, and trends.

### [DEF CON 28 Safe Mode](#) (August 7-9; Virtual, Free)

A leading hacking conference and one of the most popular cybersecurity conferences held each year. Will use a variety of forums, still be developed for online experience.

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## Endpoint Security Newsfeed

### [CrowdStrike Shares Surge 116% YTD On Growing Demand For Endpoint Protection](#)

As the Work From Anywhere trend gains momentum, CrowdStrike's endpoint protection solutions are seeing strong demand. For ...

[Forbes](#)3h

### [New Research from Absolute Underscores Vulnerability of Enterprise Devices and Critical Endpoint Controls, Reveals Opportunities to Optimize Security Investments](#)

Absolute® (ABT.TO), the leader in Endpoint Resilience™, today announced it has published new research underscoring the ...

[Business Wire](#)8h

[Syxsense and Excalibur Data Systems Announce Partnership to Bring Endpoint Security to Customers](#)

Excalibur Data Systems, a pioneer of IT service management and enterprise service management solutions, today announced a strategic ...

[PR Newswire](#)17m

[Endpoint Security Market by Component, Enforcement Point, Deployment, Industry Size & End-user - Global Forecast to 2027](#) The "Endpoint Security Market by Component, Enforcement Point (Workstation, Mobile Devices, Server, Point of Sale Terminal), ...

[PR Newswire](#)1d

[What are the Endpoint Security Market opportunities, risk and overview? Fortune Business Insights](#)

Fortune Business Insights in a report, titled "Endpoint Security Market Size, Share and Global Trend By Component (Software, Services), By Deployment (On-Premise, Cloud), By Enterprise Size (Large ...

[MarketWatch](#)1d

[Endpoint Security Market 2020-2024 | Increasing Incidence Of Cyberattacks to Boost Growth | Technavio](#)

Market estimates include pre- and post-COVID-19 impact on the Endpoint Security Market Download free sample report The market ...

[Business Wire](#)6d

[Endpoint security market to reach \\$18.6B by 2027](#)

The endpoint security market is expected to grow at a CAGR of 5.9% from 2020 to reach \$18.6 billion by 2027, according to ...

[Help Net Security](#)9d

[Worldwide Endpoint Security Industry to 2027 - Featuring McAfee, Sophos & Trend Micro Among Others](#)

The "Endpoint Security Market by Component, Enforcement Point (Workstation, Mobile Devices, Server, Point of Sale Terminal), Deployment, Industry.

[YAHOO!](#)1d

[Cybereason's Endpoint Protection Platform Delivers 308 Percent ROI According to Study by Leading Independent Analyst Firm](#) Cybereason, a leader in endpoint protection, today announced the findings from a newly published Total Economic Impact™ (TEI) study conducted by Forrester Consulting, quantifying the benefits of the ...

[YAHOO!](#)2d

[Developing markets in Asia Pacific challenged by ransomware and malware encounters, while developed markets struggle with increased drive-by download att...](#)

Malware and ransomware attack rates in developing markets were 1.6 times higher than the regional average Key financial hubs, ...

[Microsoft on MSN.com](#)9d

[Attivo Networks Improves Endpoint Security as Demonstrated by MITRE ATT&CK Evaluations](#) When used in conjunction with leading EDR solutions, Attivo EDN technology augments the detection rates by an average of 42%.

[Dark Reading](#)7d

[Inside Microsoft Threat Protection: Mapping attack chains from cloud to endpoint](#)

In the first blog in the Inside Microsoft Threat Protection series, we will show how MTP provides unparalleled end-to-end ...

[Microsoft](#)7d

[Acronis Cyber Protect's Availability Expands as Demands for Endpoint Security for Remote Work Skyrockets](#)

Acronis, a global leader in cyber protection, today announced expanded access to Acronis Cyber Protect – its game-changing ...

[Business Wire](#)10d

[Illumio Extends Zero Trust to the Endpoint](#) Illumio, the leading provider of micro-segmentation, today announced Illumio Edge, a first-of-its kind Zero Trust endpoint protection solution that dramatically reduces the risk of ransomware and ...

[YAHOO!](#)2d

[18003141053 Install Symantec Endpoint Security already purchased - activate Symantec Endpoint Security through code USA Canada](#) MGrowing up in Concord, it wasn't unusual to find Frank Allocco Jr. sitting in the stands at Clayton Valley SYMANTEC ENDPOINT ...

[Adslzone.net](#)3d

[Bridging the GRC and Security Divide](#)

If you had to categorize the relationship between GRC and cyber, you'd at best have to say: 'it's complicated.' ...

[Infosecurity-magazine.com](#)1dOpinion

[Endpoint Protector by CoSoSys Announces Kextless Agent for Its Large macOS Customer Base](#)

CoSoSys, a leading provider of DLP solutions, announced its zero-day support and the launch of a kextless agent for customers who manage Apple devices ...

[Business Wire](#)7d

[Cybereason Achieves Highest Rating in NSS Labs 2020 Advanced Endpoint Protection Comparative Report](#)

Cybereason, a leader in endpoint protection, today announced that its award-winning endpoint protection platform, the Cybereason Defense Platform, was recognized as the highest rated endpoint platform ...

[YAHOO!](#)7d

[Best cloud antivirus of 2020: top business security software to stop cyber attacks](#) If you're hunting for the best cloud antivirus software to secure your business, you've come to the right place. The best ...

[TechRadar on MSN.com](#)3d

[Unbound Advances Enterprise Security On-the-Go for Cryptographic Key Authentication and Identity Management](#) Unbound Tech, global leader in cryptographic key management and protection, today announced the advancement of its ...

[PR Newswire](#)8d

[Unbound Tech launches solution addressing need for password-free security](#) Things (CoT) solution – an endpoint security solution which removes dependence on traditional authentication methods, based ...

[Help Net Security](#)6d

[Gartner shrinks infosec spending forecast for 2020, cloud security gets COVID-19 boost](#) Certain areas of cybersecurity are "supported" by stay-at-home orders, including VPNs and firewalls, endpoint protection platforms, cloud security and secure web gateways.

[CIO Dive](#)5d

[NSS Labs Advanced Endpoint Protection Test Report](#) NSS Labs performed an independent test of the Sophos Intercept X Advanced 2.0.10. Click here to learn more. NSS Labs ...

[CRN](#)8d

[Security Assessment Market Expected to Grow \\$4.03 Billion by 2022](#) According to a new market research report "Security Assessment Market by Security Type (Endpoint Security, Network Security, Application Security, Cloud Security), Assessment Type, Deployment Mode, ...

[openpr.com](#)3d

[Uptycs Announces \\$30 Million in Funding to Deliver Next-Generation Security Analytics](#)

PRNewswire/ -- Uptycs, the leader in SQL-powered security analytics, announced today that it has raised \$30M in Series B funding led by Sapphire ...

[PR Newswire](#)8d

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[Adslzone.net](#)6d

[SentryBay expands reseller network to meet demand for endpoint security](#) SentryBay is recruiting new partners for its Authorised Reseller Programme to help it meet a sharp rise in demand for its ...

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[How To Build A Business Case For Endpoint Security](#)

Bottom Line: Endpoint security business cases do much more than just quantify costs and benefits; they uncover gaps in endpoint and cyber protection that need urgent attention to avert a breach. Bad ...

[Enterprise Irregulars](#)18d

[Endpoint Security Market to Cross US\\$ 10,026 MN by 2026, Growing Adoption of Work from Home Services to Favor Growth: Fortune Business Insights](#)

Pune, June 09, 2020 (GLOBE NEWSWIRE) -- As per a recent report, organizations have reported more than 15% of endpoint attacks as compared to the last year. Fortune Business Insights in a report, ...

[MarketWatch](#)16d

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[Who are the distributors, traders and dealers of Endpoint Security Market? Fortune Business Insights](#)

As per a recent report, organizations have reported more than 15% of endpoint attacks as compared to the last year.

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[Adslzone.net](#)5d

[FireEye Endpoint Security: Introducing Innovation Architecture for Rapid Deployment of Advanced Capabilities](#)

Unlike traditional endpoint security vendors that provide one-size-fits-all solutions to every customer, FireEye Endpoint Security is designed to deliver comprehensive defense using fully ...

[YAHOO!](#)28d

[Siemens Teams Up in OT Endpoint Security](#) Machine language-based endpoint security collaboration with SparkCognition is the latest move by Siemens in security.

[Dark Reading](#)14d

[How To Build A Business Case For Endpoint Security](#) Bottom Line: Endpoint security business cases do much more than just quantify costs and benefits; they uncover gaps in endpoint and cyber protection that need urgent attention to avert a breach.

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