



# 21<sup>ST</sup> CENTURY DEBATE

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## BANNING BIOMETRIC DATA COLLECTION (PRO)

### Violation of Privacy Rights

#### **[PRO] Facial Recognition Raises Privacy Concerns**

[S] According to... *BBN Times*, November 02, 2022

<https://www.bbntimes.com/technology/pros-and-cons-of-facial-recognition-is-it-a-blessing-or-a-curse-in-disguise>

[F] It states...

The focus on advanced facial recognition technology has raised concerns about privacy, especially regarding the collection, storage, and access to data. Civil rights groups worry that the technology will create a surveillance state and eliminate anonymity. Common questions asked include who is collecting the data, where it is stored, and who can access it.

[C] This means...

If we ban biometric data collection, then hundreds of millions of people will be able to keep their personal information private and safe from potential misuse and more have control over their personal information and maintain their freedom of anonymity.

#### **[PRO] Biometric Surveillance Threatens Privacy**

[S] According to... *Tech Research Online*, September 2, 2021

<https://techresearchonline.com/blog/pros-and-cons-of-facial-recognition/>

[F] It states...

Facial biometric technology poses a serious threat to privacy, as individuals fear the use of their photos being stored for future purposes. Privacy is a major concern in cities like San Francisco, where authorities have banned the use of facial recognition technology.

[C] This means...

If we ban the collection of biometric data, millions of people's privacy would be better protected, and they would have greater control over their personal information.

#### **[PRO] Mass Surveillance Misused by Government**

[S] According to... *the Civil Liberties Union for Europe*, October 25, 2022

<https://www.liberties.eu/en/stories/facial-recognition-privacy-concerns/44518>

[F] It states...

Facial recognition technology can lead to mass surveillance, limiting freedom of expression and activism. Such tools have been misused in the USA, like during the 2020 protests in San Francisco where the police gained access to cameras to spy on protesters.

[C] This means...

If we ban the collection of biometric data, millions of people's privacy and freedom of expression would be protected, preventing potential misuse of the technology.

#### **[PRO] Facial Recognition Creates Fear (& Violates Our Rights)**

[S] According to... *Foundation for the Future*, January 26, 2022

<https://www.foundationforfuture.org/8-pros-and-cons-of-facial-recognition-on-society/>

[F] It states...

Being monitored by facial recognition technology can impact behavior and discourage people from going out or visiting public places. The fear of being recorded leads to concerns about privacy.

[C] This means...

If we ban the collection of biometric data, millions of people would feel more comfortable and secure when going out in public spaces without the fear of being monitored or recorded, which would improve their overall quality of life.



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## Violation of Privacy Rights (*Continued...*)

### **[PRO] Privacy Violations in the Workplace**

[S] According to... *Industry Today*, February 21, 2023

<https://industrytoday.com/facial-recognition-in-the-workplace-the-pros-and-cons/>

[F] It states...

The use of facial recognition software in the workplace can infringe upon personal privacy rights, as it may be used to monitor employees without their knowledge or consent. This can lead to negative impacts on employee morale and retention rates, potentially causing disruptions in workplace productivity and success.

[C] This means...

that banning the use of facial recognition software in the workplace can prevent privacy violations, create a safer work environment, and ultimately benefit hundreds of thousands or even millions of employees, leading to improved job satisfaction, retention, and the overall success of the business.

### **[PRO] Harm to Children's Privacy in Schools**

[S] According to... *The Conversation*, November 29, 2022

<https://theconversation.com/as-more-biometric-data-is-collected-in-schools-parents-need-to-ask-these-10-questions-191263>

[F] It states...

Calls for a ban on biometrics in schools have been made due to the very real harm caused to children's privacy. There is not enough independent research or understanding of potential harms, which could range from privacy to security, identity theft, and infringements upon children's rights and freedoms.

[C] This means...

If we ban biometric data collection in schools, then we can prevent harm to children's privacy, promote a safe and secure learning environment, and ultimately benefit the education and well-being of hundreds of thousands or even millions of students.

## Misidentification and Discrimination

### **[PRO] Risks of Biometric Discrimination**

[S] According to... *CX Today*, June 3, 2021

<https://www.cxtoday.com/contact-centre/weighing-the-pros-and-cons-of-voice-biometrics-technology/>

[F] It states...

Voice biometric algorithms pose a risk of discrimination and racial bias, as these systems require comprehensive datasets with a diverse range of human voices to be trained on, but studies suggest that the datasets used for training most mainstream voice tech may be racially skewed, making AI better at recognizing some demographics than others.

[C] This means...

that banning the collection of biometric data can help prevent discrimination and bias in voice recognition technology, ensuring fair and equal treatment for all individuals regardless of race or ethnicity, ultimately benefiting potentially millions of individuals worldwide.

### **[PRO] False Allegations Due to Misidentification**

[S] According to... *Industry Today*, February 21, 2023

<https://industrytoday.com/facial-recognition-in-the-workplace-the-pros-and-cons/>

[F] It states...

Facial recognition technology, while more accurate than the human eye, may not always be reliable in identifying individuals with dark skin, similar facial features, or changes in appearance. Misidentification could lead to false accusations of misconduct or crime, putting innocent employees at risk of repercussions.

[C] This means...

that banning the collection of biometric data in the workplace can prevent false allegations and protect the reputation and careers of hundreds, thousands, or even millions of employees, ensuring a fair and just work environment.



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## Misidentification and Discrimination (continued...)

### **[PRO] Racial Bias is Causing Misidentification**

[S] According to... *Stanford University's Cyber Policy Center, April 23, 2020*

<https://hai.stanford.edu/news/challenges-facial-recognition-technologies>

[F] It states...

The use of facial recognition technology presents concerns regarding bias. The software is frequently trained on white, male images, which can lead to the misidentification of women and people of color.

[C] This means...

banning the collection of biometric data can help prevent misidentification and bias, creating a more equitable and secure environment for millions of individuals impacted by facial recognition technology.

### **[PRO] Risks of False Arrests and Discrimination**

[S] According to... *Civil Liberties Union for Europe, October 25, 2022*

<https://www.liberties.eu/en/stories/facial-recognition-privacy-concerns/44518>

[F] It states...

False positives from facial recognition technology can result in wrongful arrests, such as the case of Nijeer Parks in the USA, who spent 10 days in jail and \$5,000 on legal defense. Furthermore, the use of biometric information may lead to profiling & discrimination against certain groups in the justice system.

[C] This means...

banning the collection of biometric data can prevent false arrests and discrimination, potentially benefiting millions of people who may otherwise be affected by the unjust use of facial recognition technology.

### **[PRO] Discriminatory Effects of Facial Recognition Technology**

[S] According to... *Civil Liberties Union for Europe, August 3, 2021*

<https://www.liberties.eu/en/stories/pros-and-cons-of-facial-recognition/43708>

[F] It states...

facial recognition technology is more accurate on white male faces, leading to potential discrimination against people of color, who may already have less access to resources, and face additional barriers when authorities use this technology in certain situations such as giving welfare and aid.

[C] This means...

If we ban the collection of biometric data, this can help prevent discrimination against people of color and create more equality and fairness for millions of people.

## Threats to Personal Security (ex. Data Breaches)

### **[PRO] Security Risks of Biometric Data Usage**

[S] According to *Harvard Business Review, December 6, 2017*

<https://hbr.org/2017/12/biometrics-wont-solve-our-data-security-crisis>

[F] It states...

Physical biometrics, such as fingerprints and facial recognition, have the potential to create security risks, especially if accessed by outside applications for unintended purposes. This can lead to new industries focused on using biometric data in unexpected ways.

[C] This means...

banning the collection of biometric data can protect millions of people, by preventing financial harm from unintended use by outside applications.



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## Threats to Personal Security (Continued...)

### **[PRO] Vulnerable Databases are Easily Breached**

[S] According to... *Tech Research Online*, September 2, 2021

<https://techresearchonline.com/blog/pros-and-cons-of-facial-recognition/>

[F] It states...

Storing facial imprints and videos raises security concerns, as the large databases needed are quite vulnerable and can easily be breached. Numerous cases have been reported where valuable facial scans, intended for finance corporations or police departments, were compromised.

[C] This means...

If we ban biometric data collection, we could potentially protect the sensitive information of millions of individuals from being exposed in database breaches, thereby promoting better overall security.

### **[PRO] Misidentification Leads to False Accusations**

[S] According to... *Foundation for the Future*, January 26, 2022

<https://www.foundationforfuture.org/8-pros-and-cons-of-facial-recognition-on-society/>

[F] It states...

Biometric data collection, such as facial recognition, is not perfect and can lead to wrongful arrests and convictions due to misidentification. As a result, this technology should be used with caution and only as an additional source of police investigation to prevent innocent people from being punished.

[C] This means...

that banning the collection of biometric data in criminal investigations can reduce the risk of innocent people being punished for crimes they did not commit, leading to a more just and fair justice system for everyone.

### **[PRO] Biometric Data Security Risks**

[S] According to... *Civil Liberties Union for Europe*, August 3, 2021

<https://www.liberties.eu/en/stories/pros-and-cons-of-facial-recognition/43708>

[F] It states...

The use of biometric data in facial recognition technology carries significant security risks, as it cannot be easily changed or reset like a password in the event of a data breach. The potential for unauthorized and inadequate storage of this sensitive information further increases these risks.

[C] This means...

banning the collection of biometric data can help reduce the risk of security breaches, protecting the security of millions of individuals, and lead to a more trustworthy use of this technology.

### **[PRO] Security Risks of Facial Recognition**

[S] According to... *Civil Liberties Union for Europe*, October 25, 2022

<https://www.liberties.eu/en/stories/facial-recognition-privacy-concerns/44518>

[F] It states...

Facial recognition technology makes it easy to collect facial images, leaving personal information vulnerable to security breaches. In the event of a database hack, individuals' personal information could be used for criminal purposes, such as identity theft, robbery, or harassment.

[C] This means...

If we ban biometric data collection, it can prevent security breaches and protect the identity and safety of hundreds of thousands of people whose facial images and personal information are vulnerable to hacking and misuse.





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## BANNING BIOMETRIC DATA COLLECTION (CON)

### Increasing Security Risks

#### **[CON] Quickly Identifying and Tracking Criminals**

[S] According to... *Industry Today*, February 21, 2023

<https://industrytoday.com/facial-recognition-in-the-workplace-the-pros-and-cons/>

[F] It states...

Facial recognition technology allows for the quick identification of threats in crowded areas, such as airports and stadiums, improving security and safety for the public. Additionally, it can aid law enforcement agencies by quickly identifying & tracking criminals and terrorists by scanning faces in a database of known offenders.

[C] This means...

banning the collection of biometric data could lead to serious threats going unnoticed and put the safety of millions of people at risk, both in public places and in law enforcement operations.

#### **[CON] Rapid Threat Detection Using Biometrics**

[S] According to... *Industry Today*, February 21, 2023

<https://industrytoday.com/facial-recognition-in-the-workplace-the-pros-and-cons/>

[F] It states...

Facial recognition technology allows for the quick identification of threats in crowded areas, such as airports and stadiums, improving security and safety for the public. Additionally, it can aid law enforcement agencies in quickly identifying and tracking criminals and terrorists through scanning faces against a database of known offenders.

[C] This means...

that banning the collection of biometric data could lead to serious threats going unnoticed and put the safety of millions at risk, both in public places and in law enforcement operations.

#### **[CON] Identifying Threats in Crowded Areas**

[S] According to... *Foundation for the Future*, January 26, 2022

<https://www.foundationforfuture.org/8-pros-and-cons-of-facial-recognition-on-society/>

[F] It states...

Facial recognition technology can be used to quickly identify criminals and other potential threats in crowded areas like airports, stadiums, and private businesses. By detecting unauthorized individuals, security personnel can prevent access to secure locations and protect the safety of employees and visitors.

[C] This means...

banning biometric data collection will hinder the ability to identify security threats quickly and effectively, potentially jeopardizing the safety of millions of people in public areas and in private businesses.



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## Hindering Efforts to Stop Human Trafficking

### **[CON] Helping Rescue Lost Children**

[S] According to... *Forbes Magazine*, August 19, 2019

<https://www.forbes.com/sites/bernardmarr/2019/08/19/facial-recognition-technology-here-are-the-important-pros-and-cons/>

[F] It states...

Facial recognition technology offers enhanced safety and security benefits, including the ability for law enforcement agencies to locate missing children and seniors.

[C] This means...

If we ban biometric data collection, we risk losing a powerful tool that helps law enforcement to rescue lost children and to protect the public from human trafficking, threatening the safety of millions of people.

### **[CON] Stopping Human Trafficking with Technology**

[S] According to... *Newsweek*, September 28, 2022

<https://www.newsweek.com/how-technology-training-can-stop-human-trafficking-its-tracks-1746698>

[F] It states that...

Human trafficking can occur almost anywhere, including on social media and at large events, and traffickers often use fake IDs. Using facial recognition technology could help combat trafficking by detecting fake IDs and identifying criminals and missing persons.

[C] This means that...

If we ban biometric data collection, we risk leaving millions of people vulnerable to exploitation and abuse by depriving law enforcement of a valuable tool in the fight against human trafficking.

### **[CON] Detecting Kidnapper's/Victim's Suspicious Behavior**

[S] According to... *Newsweek*, September 28, 2022

<https://www.newsweek.com/how-technology-training-can-stop-human-trafficking-its-tracks-1746698>

[F] It states...

Human trafficking often goes unnoticed as victims and traffickers walk among us, and fear prevents victims from seeking help. Technology can help identify suspicious behavior and detect warning signs.

[C] This means...

By banning biometric data collection, we risk losing the ability to leverage technology in the fight against human trafficking, potentially impacting millions of lives.





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## Harming Businesses

### **[CON] Preventing Theft and Fraud**

[S] According to... *Industry Today*, February 21, 2023

<https://industrytoday.com/facial-recognition-in-the-workplace-the-pros-and-cons/>

[F] It states...

Facial recognition technology can be used by businesses to prevent theft and fraud, particularly in retail stores where employees have access to merchandise. The software monitors both customer and employee behavior, ensuring that no one steals from the company or sells products above the set price...

[C] This means...

by banning biometric data collection, thousands of businesses will lose an effective tool for preventing theft and fraud, leaving them vulnerable to potentially significant financial losses and negatively impacting their bottom line (and the economy).

### **[CON] Biometrics Enhance Workplace Efficiency**

[S] According to... *Industry Today*, February 21, 2023

<https://industrytoday.com/facial-recognition-in-the-workplace-the-pros-and-cons/>

[F] It states...

Facial recognition technology can boost workplace productivity by ensuring that employees are focused on work-related activities. Biometric data can be used to monitor employee whereabouts, providing managers with the ability to track their staff and ensure that everyone is fulfilling their job responsibilities. This also allows managers to identify and address any attendance issues that may arise.

[C] This means...

that banning the use of biometric data collection in the workplace can have a negative impact on workplace efficiency, leading to a decrease in productivity and potentially hindering the overall success of the business.

### **[CON] Workplace Security with Biometrics**

[S] According to... *Industry Today*, February 21, 2023

<https://industrytoday.com/facial-recognition-in-the-workplace-the-pros-and-cons/>

[F] It states...

Facial recognition technology can improve workplace security by verifying the identities of employees and identifying unauthorized personnel in sensitive areas, which is especially important for companies dealing with financial and medical records.

[C] This means...

If we ban biometric data collection, this could lead to increased security risks and potential data breaches of sensitive information, negatively impacting the safety and/or financial security of millions of people.