Embedding Privacy Into the Use of Facial Recognition to Combat Terrorism

Friday, May 3, 1:30 - 2:30

Salon M, Level M4
Speaker Information

MODERATOR:
Jonathan Cantor
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Founder & CEO, BLACKCLOAK

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PLACEHOLDER SLIDE (Embedded CBS News Story)
CBP’s VISION | THE FUTURE OF TRAVEL

Imagine a world where...

Travelers have no need for a travel document....

International travel is no longer stressful...

And security is transparent...

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CBP’s INVESTMENT | A FACIAL COMPARISON SERVICE

TRAVELER VERIFICATION SERVICE

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BIOMETRIC EXIT | PARTNER SOLUTIONS IN ACTION

JetBlue Paperless Boarding at Boston Logan

British Airways E-gates at Orlando MCO

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## Biometric Processing | Performance

<table>
<thead>
<tr>
<th>Mode</th>
<th>Number of Flights/Passengers</th>
</tr>
</thead>
<tbody>
<tr>
<td>Air Exit</td>
<td>15,627 exit flights processed, 2.24 M exit passengers</td>
</tr>
<tr>
<td>Air Entry</td>
<td>96,408 entry flights processed, 7.79 M entry passengers</td>
</tr>
<tr>
<td>Land Entry</td>
<td>1.63 M pedestrian entries processed, 85 pedestrian imposters detected</td>
</tr>
</tbody>
</table>

All biometric match rates modes match in the high 90th percentile.

- CBP has engaged in a partnership with NIST to evaluate CBP biometric data performance and recommend enhancements.
- Specific areas evaluated will include bias and algorithm recommendations based on CBP’s various operational environments.

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SIMPLIFIED TRAVEL | BENEFITS

By Partnering with CBP, our stakeholders will see benefits from entry to exit utilizing our facial comparison service including:

• Faster Flight Clearance Times on Arrival
• Faster Boarding Times
• Enhanced Customer Experience
• Better use of CBP Staffing
SIMPLIFIED TRAVEL | PRIVACY BY DESIGN

- Transparency
- Public Notice
- Limited Retention of Photos

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SIMPLIFIED TRAVEL | PRIVACY & SECURITY PROTECTIONS

- Performance Accuracy
- Research on Bias
  - National Institute of Standards and Technology (NIST)
- Enhanced Security Measures
  - Encryption
  - Access Controls
  - Biometric Templates

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Resources

- CBP Biometrics Website: [www.cbp.gov/biometrics](http://www.cbp.gov/biometrics)
- DHS Privacy Compliance (PIAs and SORNs): [www.dhs.gov/privacy](http://www.dhs.gov/privacy)