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The Biometric Contactless Corridor

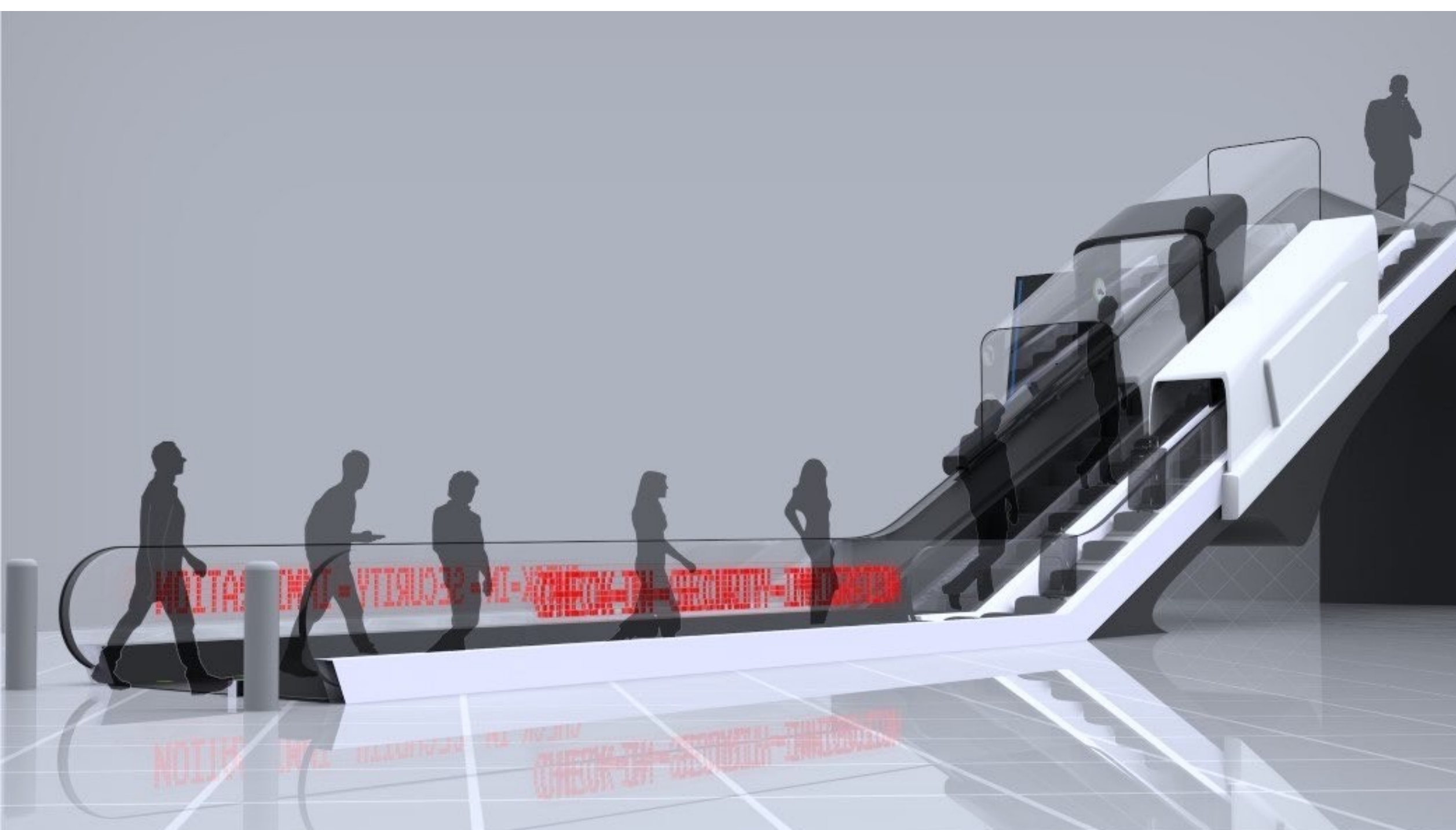
A Blueprint

The image shows a person from behind, walking through a futuristic airport corridor. The corridor is divided into three main lanes: a yellow lane on the left labeled 'ENHANCED', a purple lane in the center labeled 'NORMAL', and a blue lane on the right labeled 'KNOWN TRAVELLER'. The person is walking through the purple 'NORMAL' lane. The walls are perforated with small lights, and there are IATA logos on the purple walls. The overall atmosphere is high-tech and modern.

The Biometric Corridor
is old news...

Right?

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The concept isn't a new one.
What's new is that the Biometric Contactless
Corridor can now finally be realized.

Here's how.

Key Building Blocks

1. Opt-in and informed consent
2. Mobile-first registration
3. The latest in Computer Vision
4. A human-centric approach to technology
5. The critical role of great design

Opt-in from Start to Finish

Opt-in and informed consent are core to the Biometric Contactless Corridor, from mobile apps to physical signage to customer service communications:

1. Clear articulation of the use of data
2. Clear articulation of data retention policy
3. Clear opt-in and options for opt-out
4. Alignment with GDPR or similar policies

The New Traveler Journey

Design Partner: Bsquared

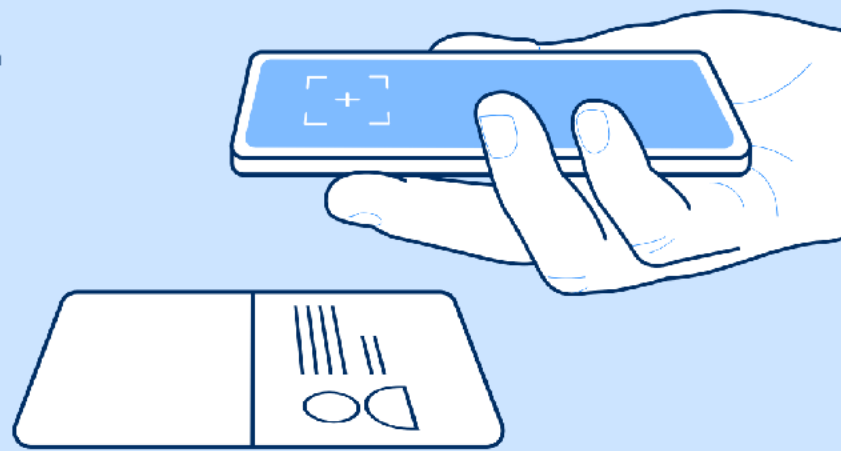
Exporting the Border: Remote Registration



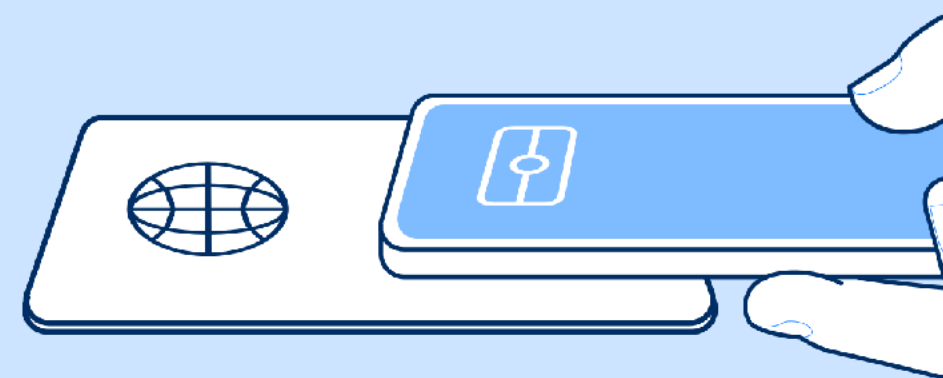
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Exporting the Border: Remote Registration

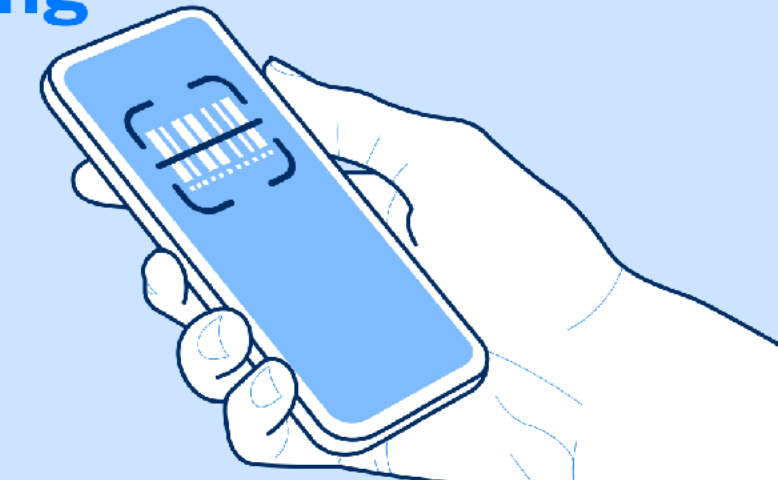
Take an image
of **your passport**
or **ID card**.



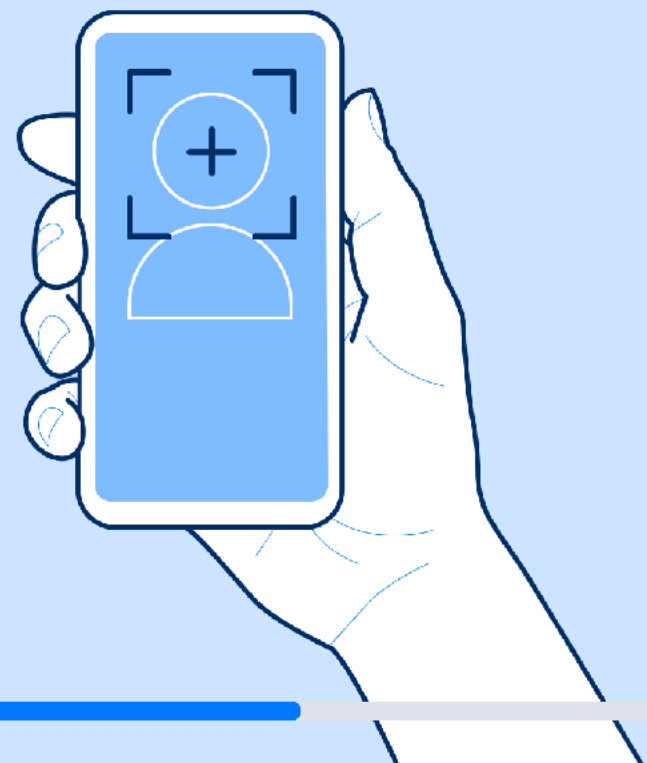
Access the **chip**
in **your passport**
or **ID card**.



Scan
your boarding
pass.



Take
your photo.



Scan **your**
COVID test
QR-code.



Add **your**
travel visa
details.



At the Airport: Clear Signage, Personal Help



A Compelling Alternative to Standard Travel



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Powered by People, Design, and Technology



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Modern Security & Modern Customer Service



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Minimal Friction, Full Situational Awareness



The image illustrates a digital interface for airport security, specifically focusing on passport control and situational awareness. The main display shows a 3D simulation of an airport terminal with people walking. In the foreground, a tablet displays a 'Passport Control' interface with fields for document type, number, and photo, alongside a 'Live' monitoring feed showing the same terminal scene with green bounding boxes around people. The word 'paravision' is visible in the bottom right corner.

Passport Control

Document Type	Document Number	Photo	MRZ
Country of Origin	Document Number	Photo	Birth Date/Checksum
Document Number	Document Number	Photo	Document Matched
Document Number	Document Number	Photo	Expiry Date/Checksum
Document Number	Document Number	Photo	MRZ Checksum
Document Number	Document Number	Photo	RFID
Document Number	Document Number	Photo	BAC
Document Number	Document Number	Photo	MRZ RFID Matched
Document Number	Document Number	Photo	Portrait Matched
Document Number	Document Number	Photo	Chip Authentication
Document Number	Document Number	Photo	Passive Authentication
Document Number	Document Number	Photo	Active Authentication
Document Number	Document Number	Photo	Terminal Authentication

Live

Detection

Alarms

Subjects

Settings

Identification

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A Peek Behind the Scenes

Major Advances in AI and Computer Vision

Outstanding Performance in Challenging Real World Conditions:
Accuracy, Robustness, Speed

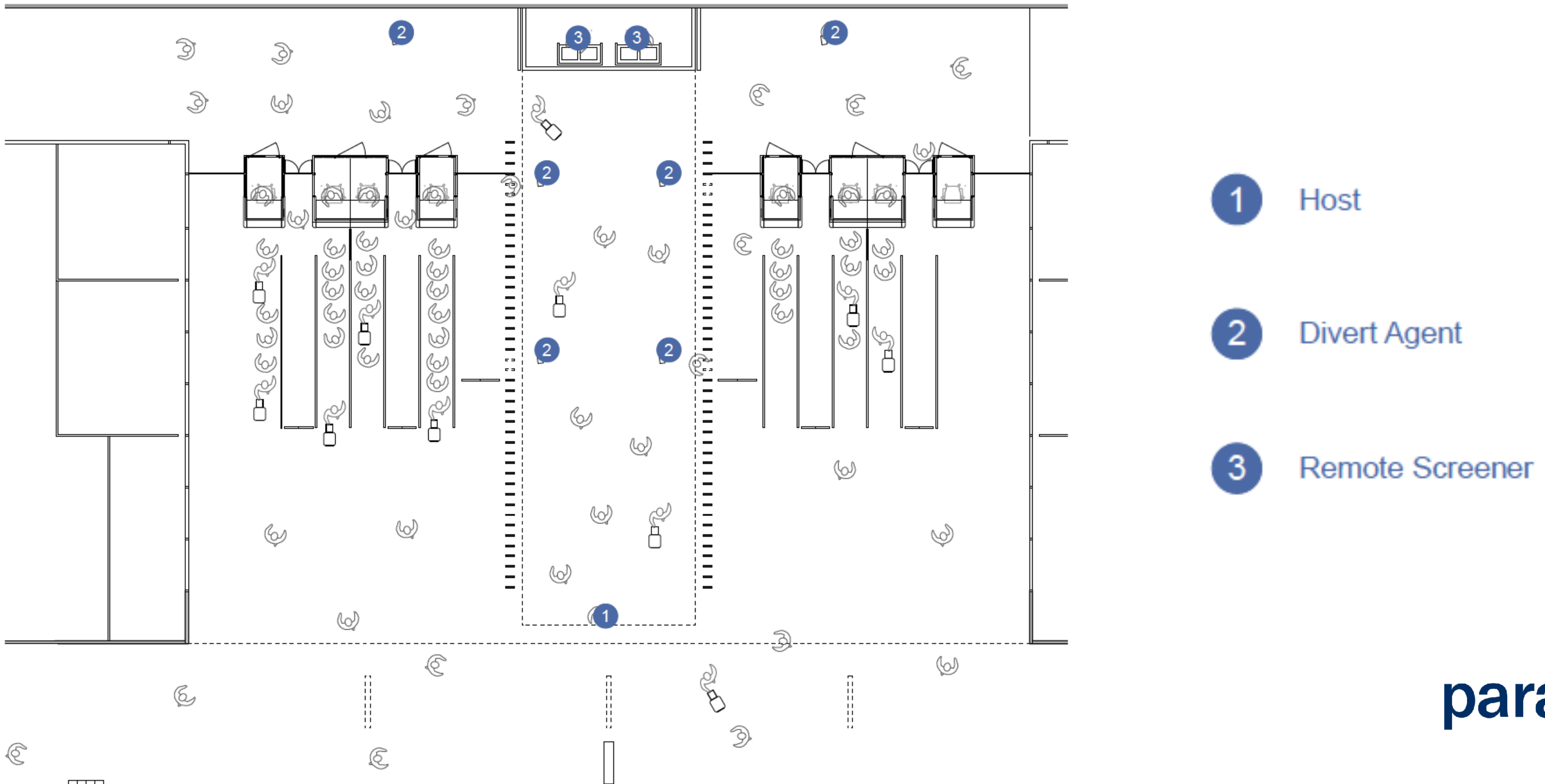


Actual Paravision Computer Vision

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Humans in the Loop

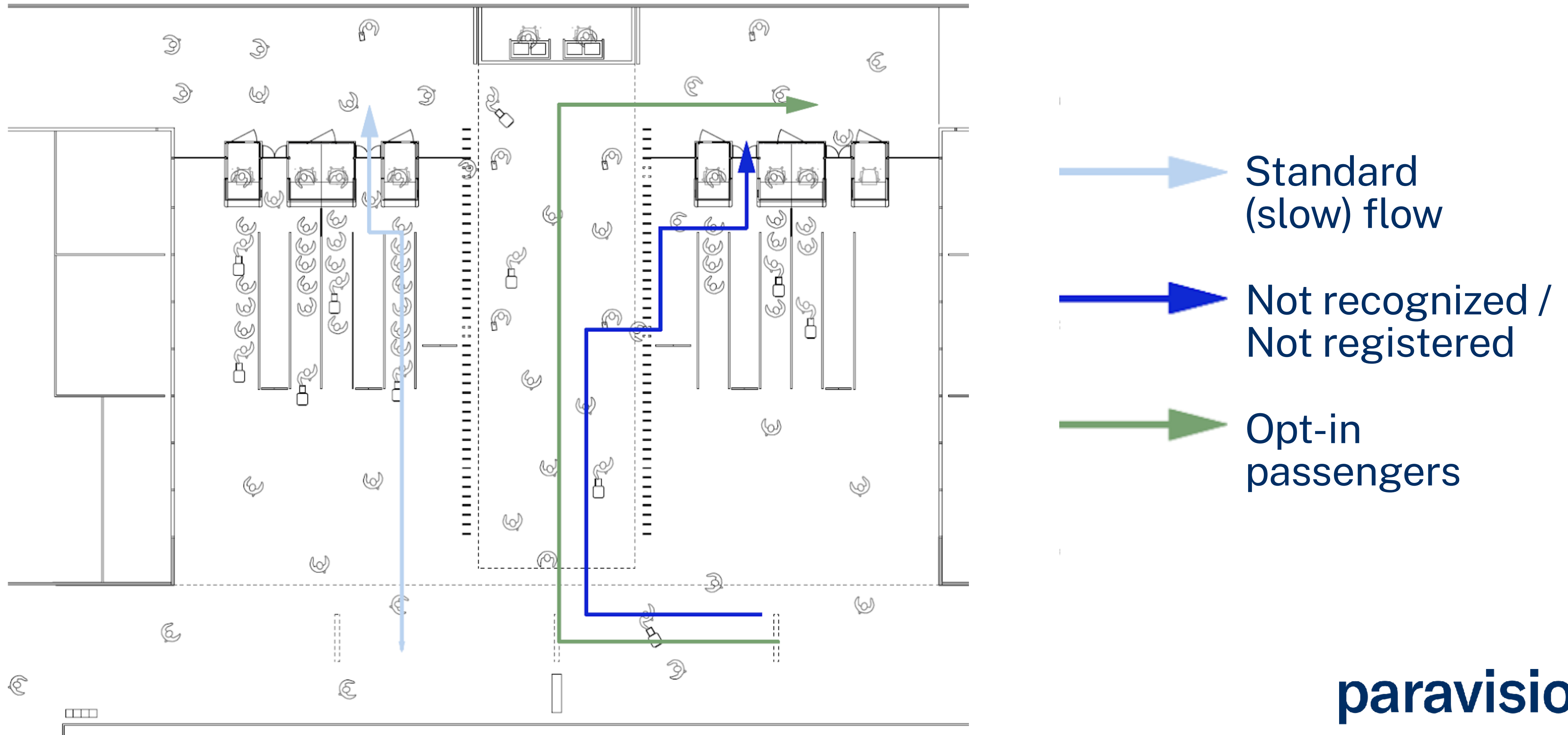
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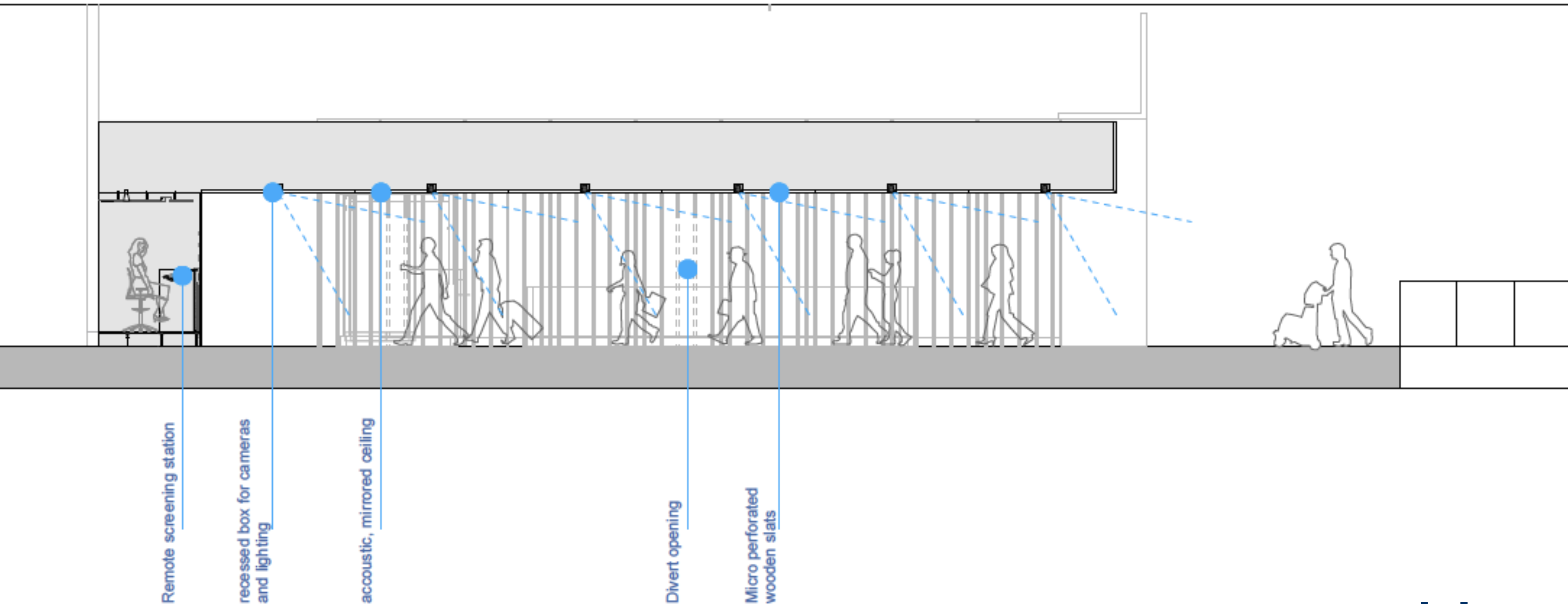
Exception Handling by Design

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Modular, Integrated Camera System

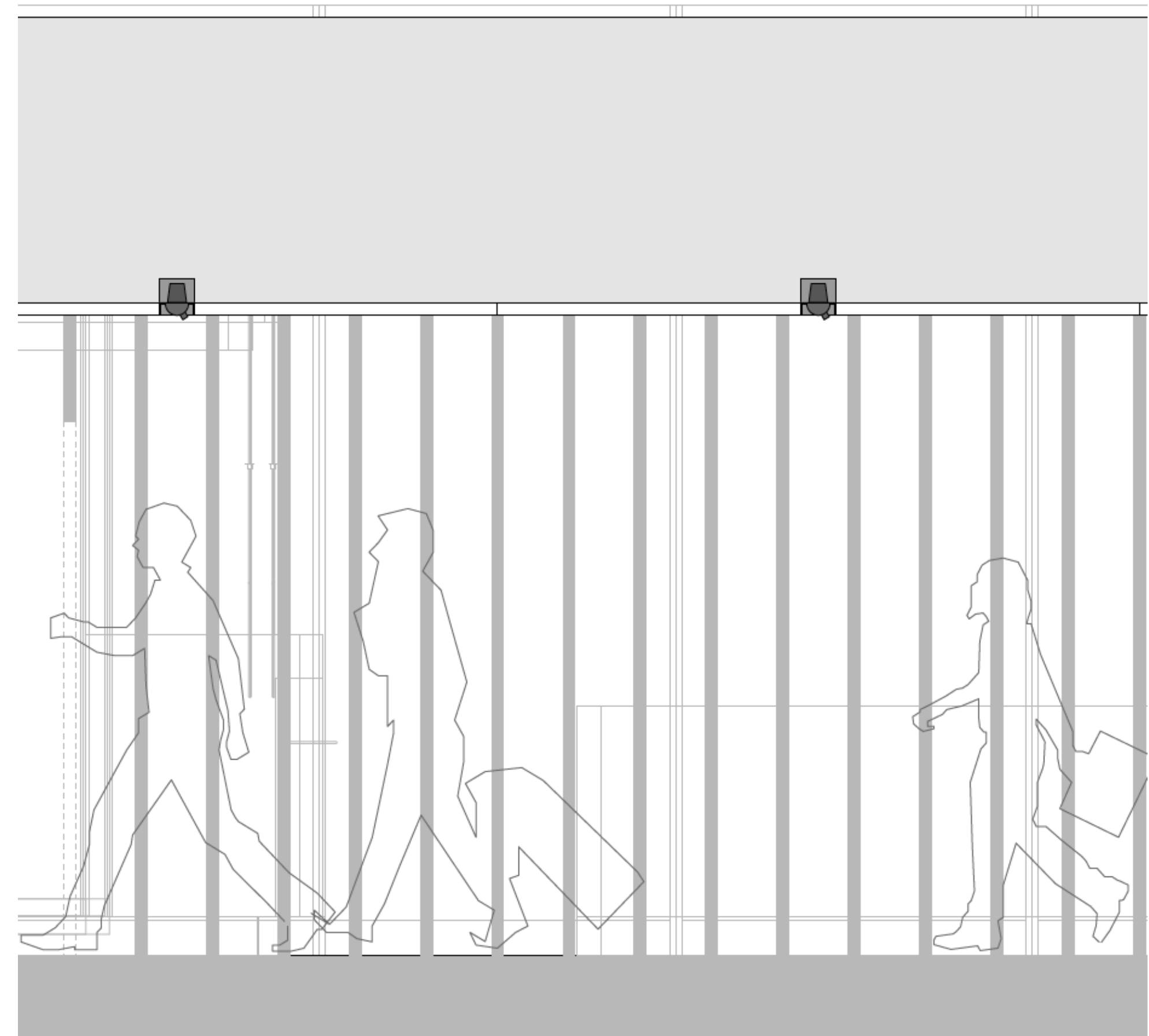
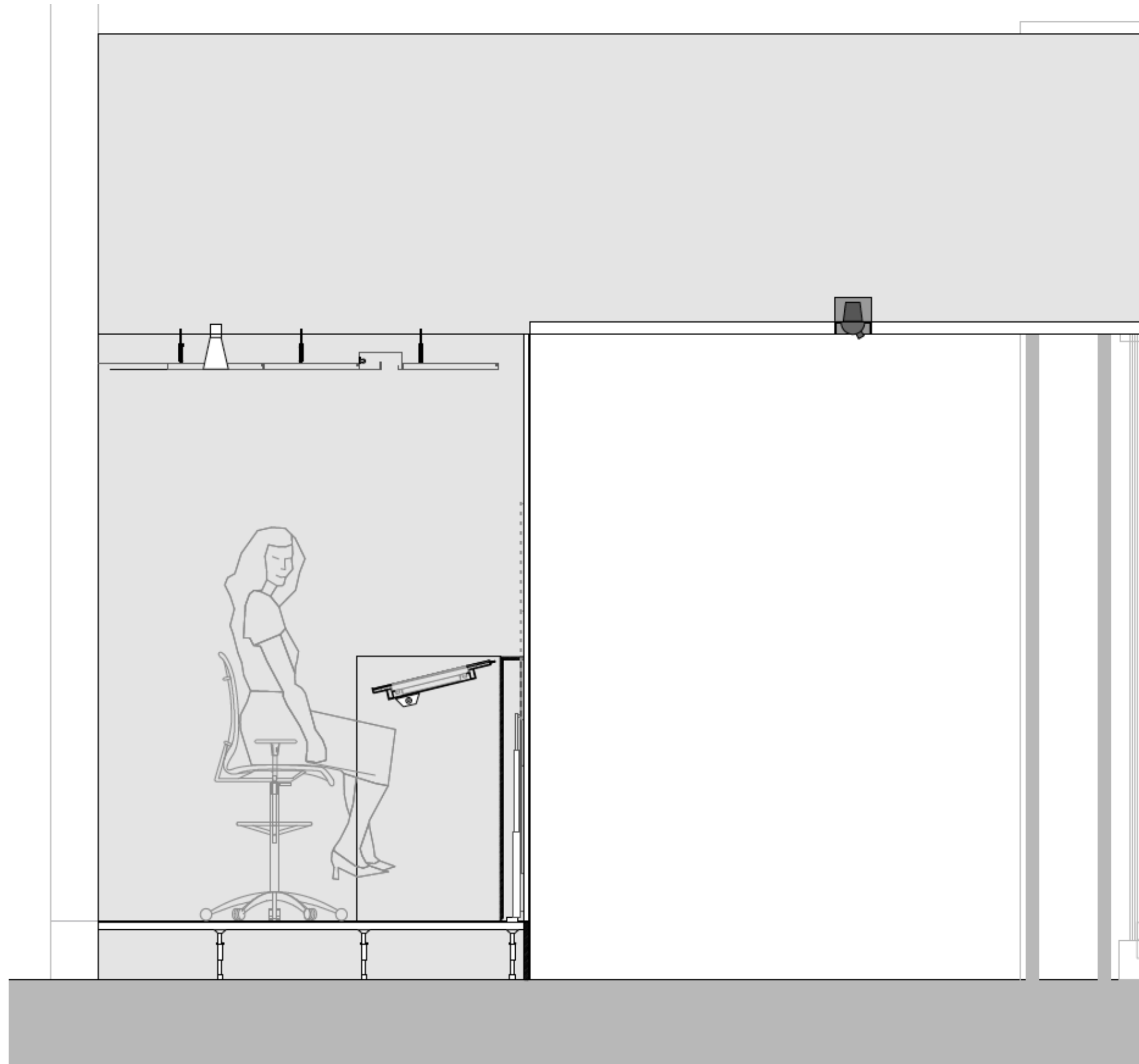
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Design for Travelers, Design for Agents

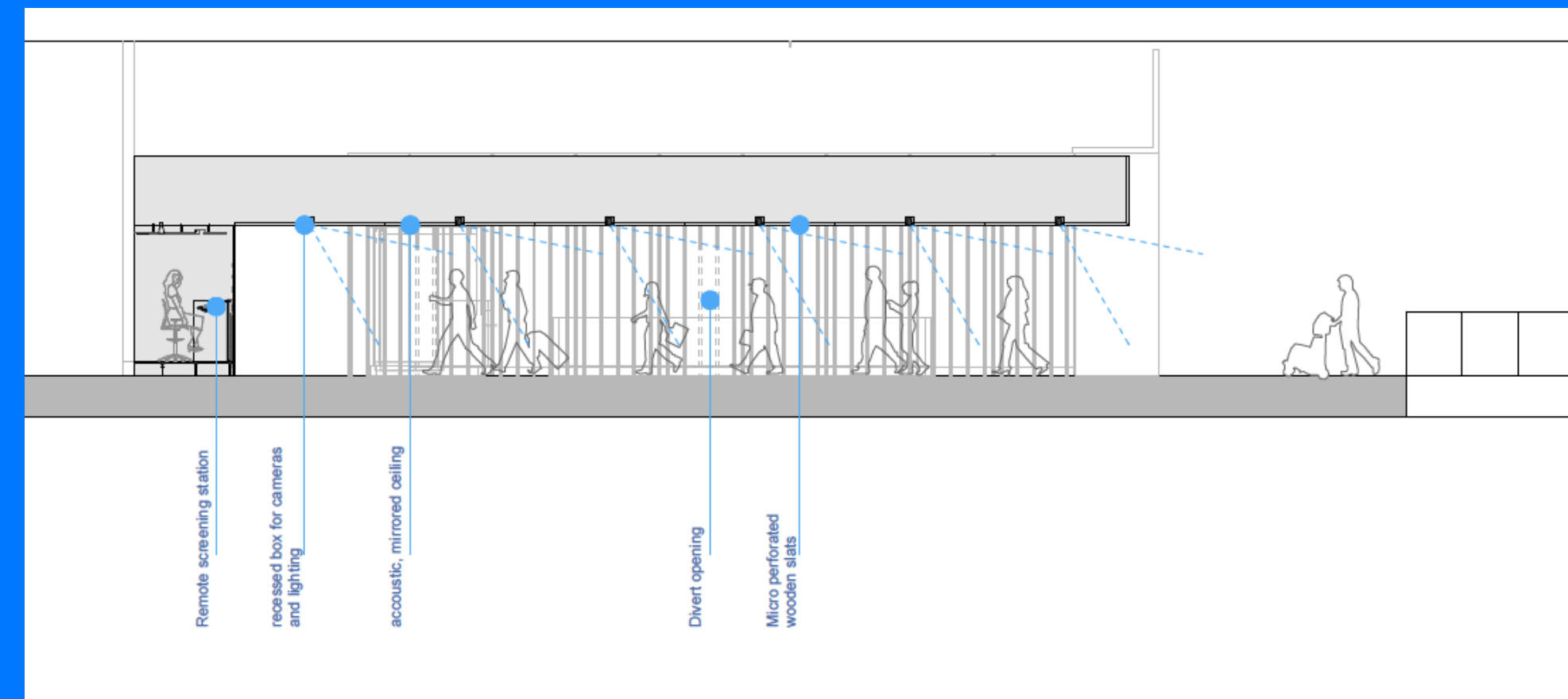
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In Summary

With the right combination of technology, process, design, and integration of people at every step, the Biometric Contactless Corridor can now finally be realized.



Thank you!
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