

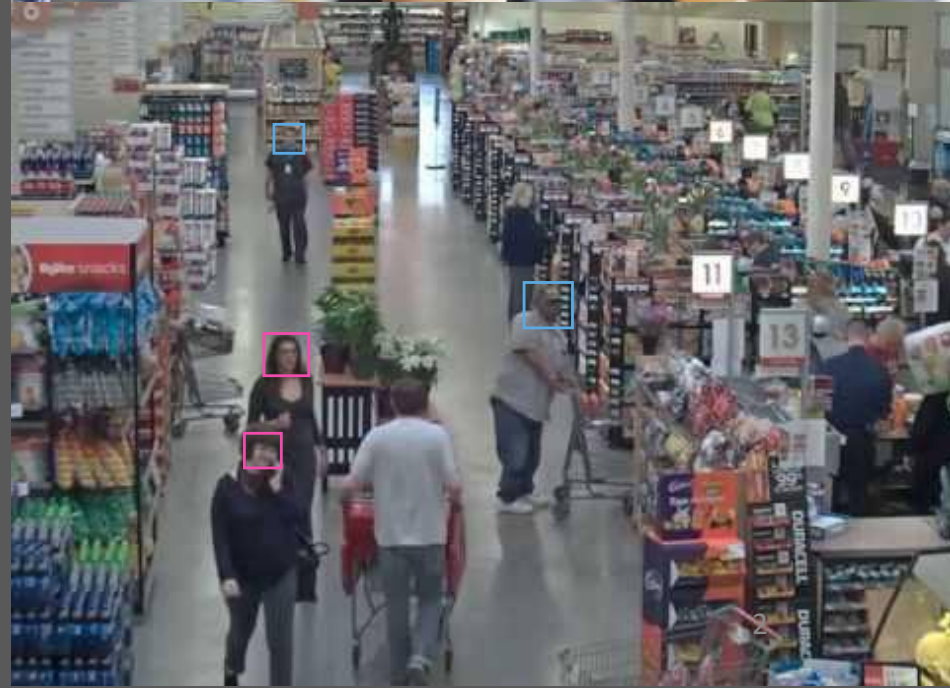


Using your face to create a convenient and fluid world.

# Who We Are

Ayonix Corporation was founded in 2007 by founder, Dr Sadi Vural to create a seamless and fluid world. Using the face as a passport to be able to access services quickly and securely.

From this point, Ayonix has become the tech leaders in facial recognition technology, and has been recognized by the National Institute of Standards and Technology (NIST) as the world's most powerful engine in 2019.



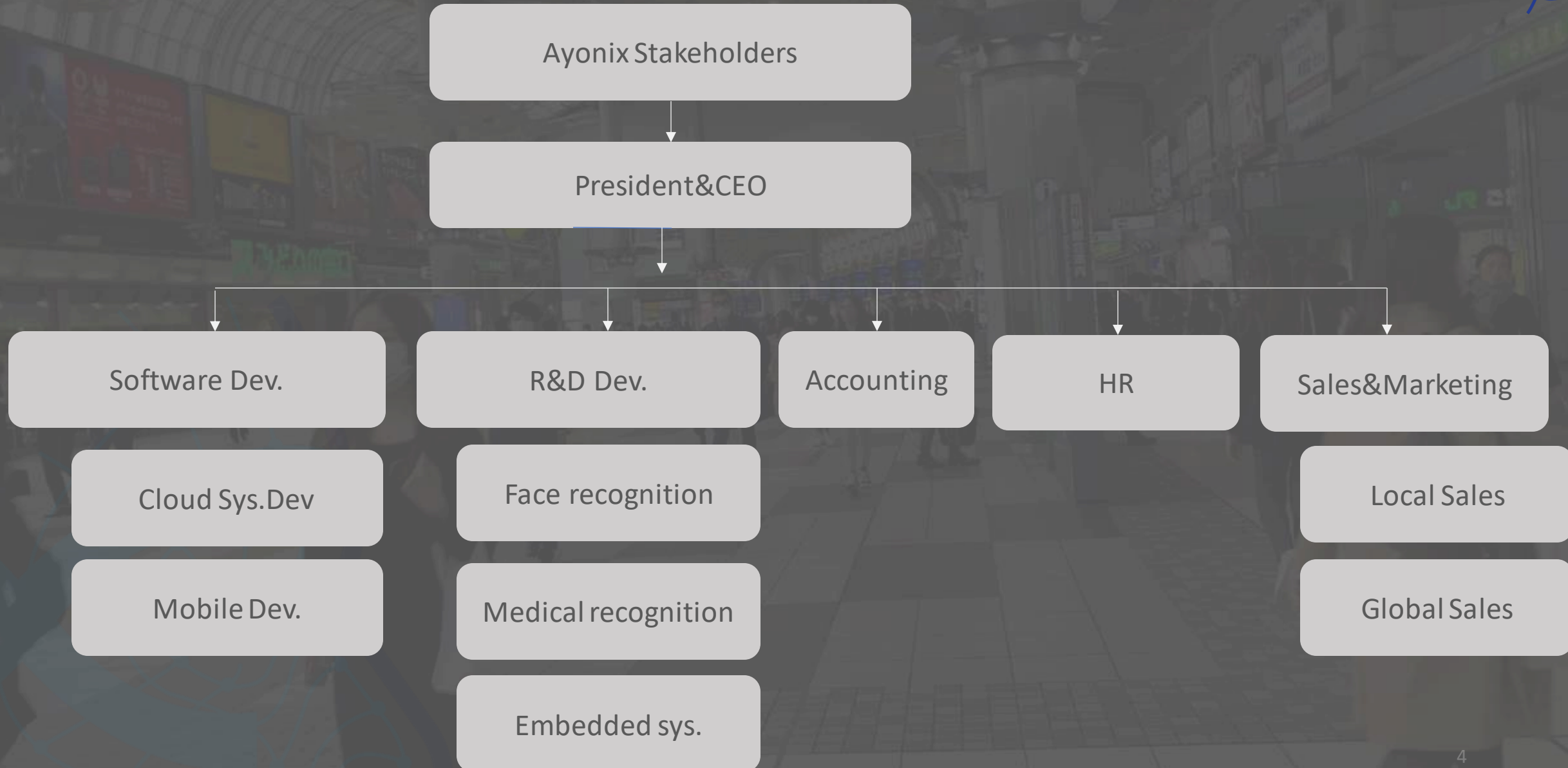


# About company



Tokyo head office	1-10-5-508 Higashi Gotanda, Shinagawa, 141-0022, Tokyo, JAPAN Phone: +81 3 6277 2311, +81 80 9816 1234(Direct line)
Australia office	Ground floor, 470 St Kilda Rd, Melbourne, 3004 AUSTRALIA Phone: +61 3 9088 8316, +61 431 901 973(Direct line)
Employees(globally)	20-50 people
Business structure	B-to-B and B-to-G
Field	Face recognition and Security for governments and law enforcements
Key software products	AICAM AI Access control AICAM AI Time attendance AICAM Face surveillance Ayonix FaceID SDK
Hardware products	AI Bodycam, Face recognition AIBOX, AI Drone R70
Main Bank	ANZ, Commonwealth Bank of Australia
Investors	Defincorp Asset and wealth Management Ltd

# Company structure



# Competitive Advantage



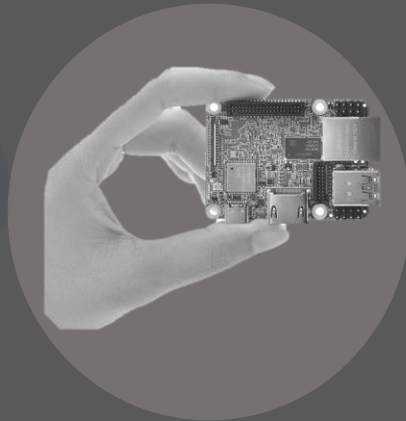
Ayonix has developed the world's most consistent face engine (validated in 2018 by the National Institute of Standards and Technology), being 70X more powerful than second place (Microsoft).

Fastest Facial Recognition Engine



Evaluated as the most powerful engine by the NIST USA tests

Superior Hardware



First decentralized AI Camera allowing for 1000 cameras in one PC. 99.95% safe and secure architecture

Most Cost-Effective



100X more cost effective than competitors with bigger margins.

Powerful Mask



Champion for Mask detection and recognition in the world

# Execute your dreams

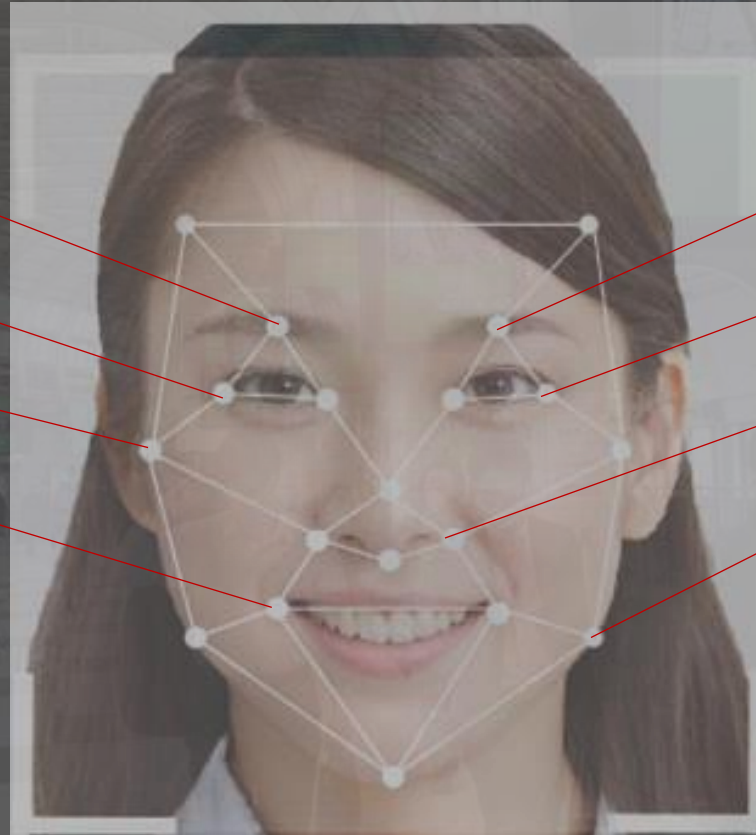
Our face recognition helps you to improve your work efficiency while supporting a seamless biometric authentication for your employees, customers and partners.

▶ Physiological

▶ Matching

▶ Weight

▶ Smile



▶ Character

▶ Gender

▶ Identification

▶ Age

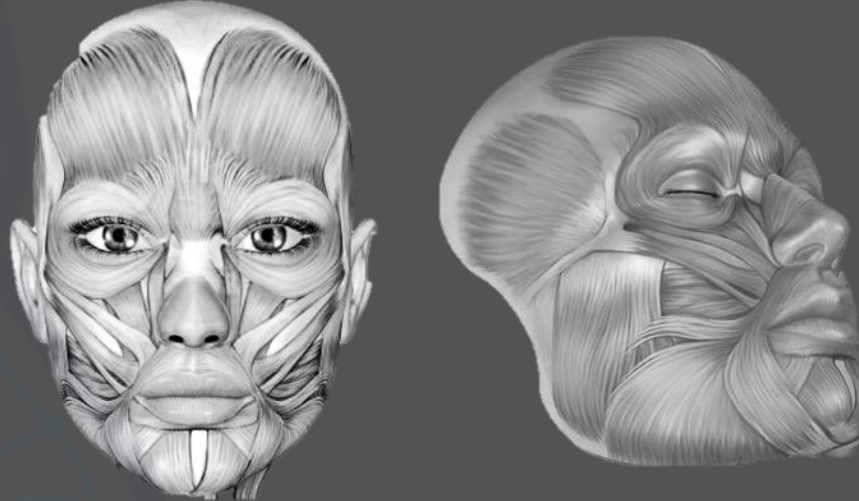


# Technology

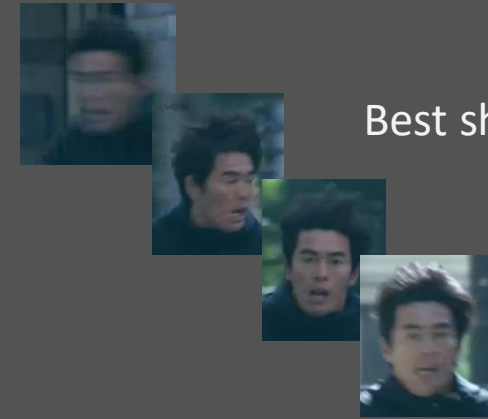
Light reflection analysis



Face muscle and expression analysis

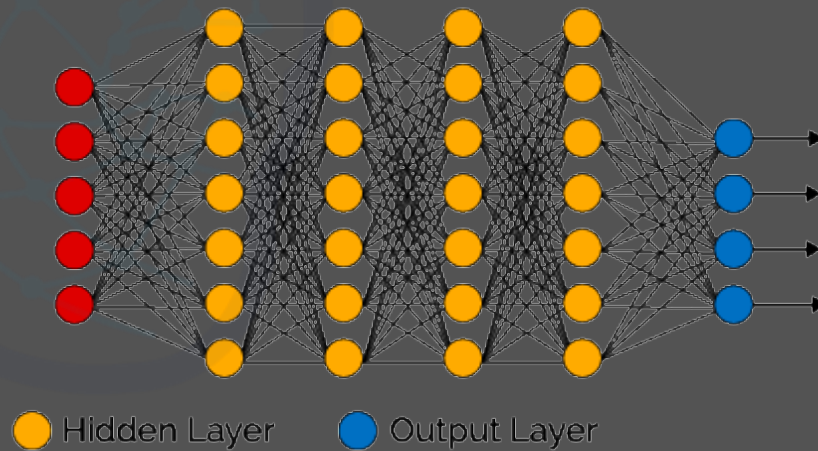


Face tracker

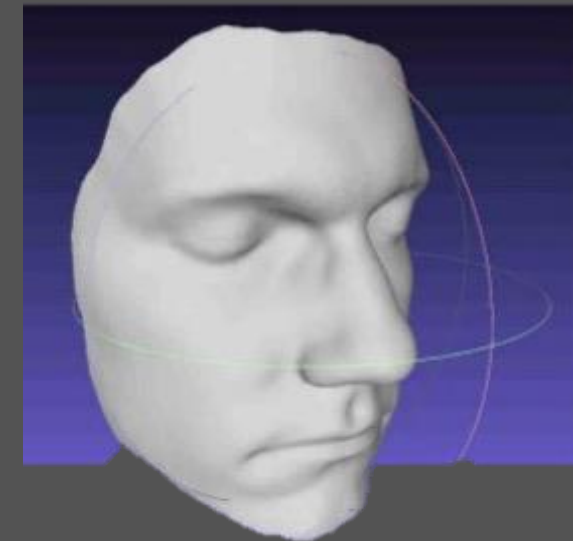


Best shot extraction

Deep learning



3 D Analysis



# Key Hardware elements



AIBOX	FR-EDGE BOX 	 <p>AIBOX is the first Face recognition AI edge device with the ability to store and match 100,000 faces at a time. It is 100X more cost effective than traditional server and Cloud-based solutions</p>
Bodycam	FR-BODYCAM 	<p>Bodycam is a body-attachable, portable bodycam developed for law enforcement agencies. It has built-in 4G/LTE, and SOS for emergency. Its LED monitor allows you to show streaming records as well.</p>
R70 Drone	FR-DRONE 	<p><b>Adaptive. Innovative. Powerful</b></p> <p>FR-Drone is a Face-recognition-integrated edge-of-network processing, enabling object detection and classification, semi-autonomous flight, and the ability to thrive in GPS with a payloads of 3.5Kg. Maximum flight time is 60 minutes.</p>
Ayonix-2 Pro	Thermal binocular 	<p>Thermal binocular is used for military and defence industry. It lets people identify the target from 1800 meters away in complete darkness. Its built-in thermal sensor detects any thermal differences quickly. This can be mounted to Rifles and Snipers and its image is viewed from a central location or mobile phone.</p>



# Key Software Products



## Access control **Ayonix-Arcadia**

Face recognition access control with Android tablet allows everyone to use Access control. Access control is charged per month. It is easy to maintain, install and use.

FD	MASK	MATCH	DOOR LOCK
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## Customer analytics **Ayonix-AICA**

Ayonix Customer analytics works with existing cameras or Ayonix's face recognition-integrated AICAM.

It analyses people gender, age, smile expression and counts In/Out people, group customers and give reports in pdf and dashboard.

MASK	AGE	GENDER	SMILE
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## Surveillance **Ayonix-APS**

Ayonix-APS is prepared for public surveillance such as Airport surveillance, city surveillance and surveillance of public areas.

Ayonix's AICAM analyzes all the faces and matches with a pre-enrolled database

FD	MASK	MATCH	EMAIL
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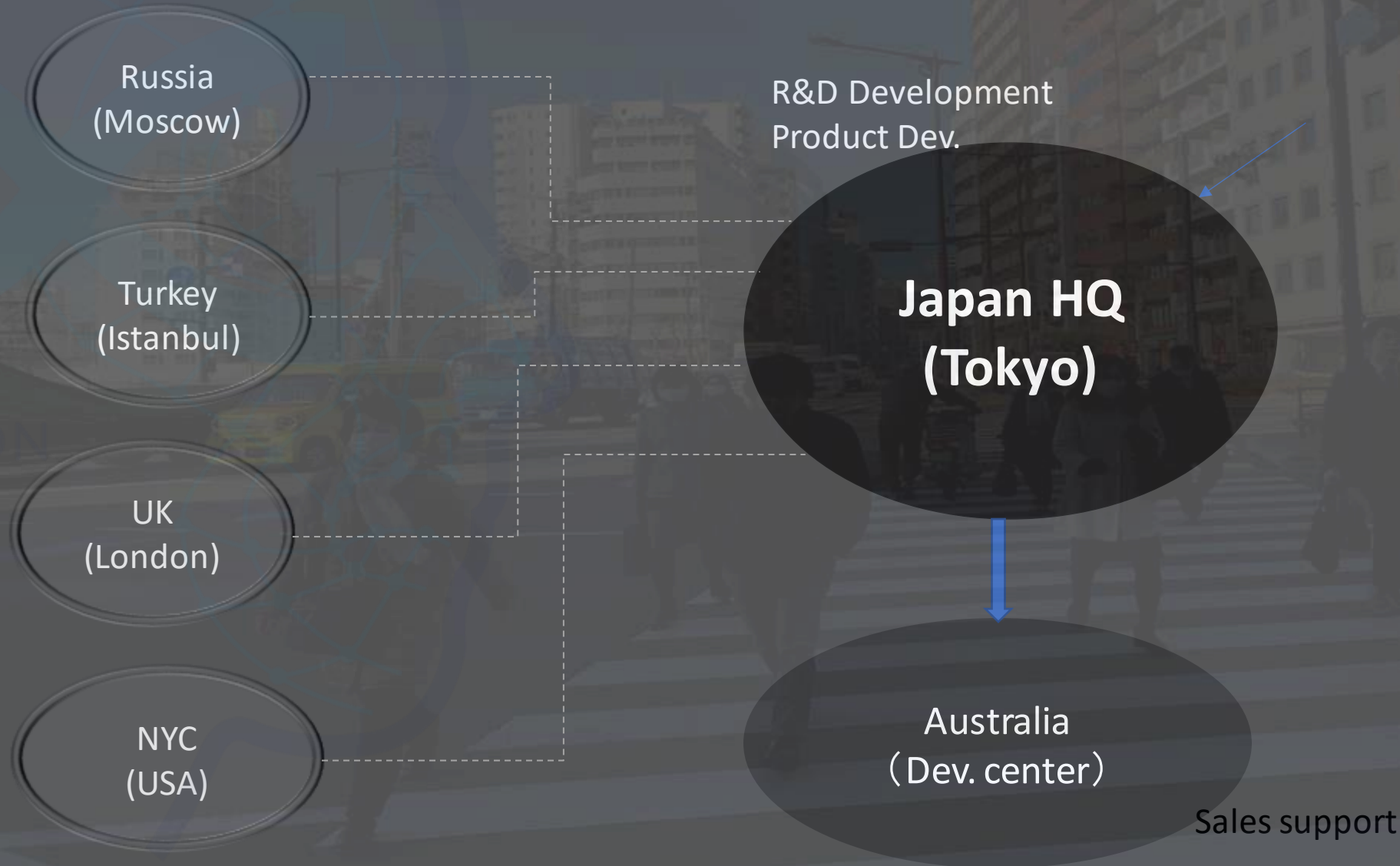
# Competitors

	AYONIX	A Corp	B Corp	C Corp
Match score	99.6%	97%	95%	98%
Error rate	1%	1%	2%	4%
Speed	40ms	160ms	200ms	220ms
Cost	low	high	high	middle
Expansion	yes	yes	no	no
Usability	yes	yes	no	no
Support	yes	yes	yes	no
H/W resource	low	high	high	high
World ranking	1	2	-	5



# Business model

Distributor network





# Business model

One-time  
per location

or

Monthly payment  
per location

One-time payment

Subscription base

# Main customers



## Japan

Panasonic	Building security	Security
AP news	RIO2016 Rio Olympics	Service improvement
NHK	News division	Service improvement
Fujitelecom	Golf and membership program	Security
CTC Corporation	Access control of the buildings and plazas	Security

## Abroad

Customer	Country	Content	Deployment
Turkish police	Turkey	Face image search from IPAD, Android	2012
Argentina Fed.Intelligence	Argentina	G20 Summit and Airports	2015
Sri Lanka Int. airport	Sri Lanka	Airport law enforcement	2015
UN (United nation)	International	Border security	2020
Chubb Corp.	England	Bishopgate access control(London highest building)	2020
Turkish Special police	Turkey	Prevention of terrorist attacks	2021

# Reference usage



Male : 760人  
Female : 192人  
**TOTAL : 952人**



# Bahrain Shopping mall





# Turkey parliament building





# Ayonix team



Dr Sadi Vural

President&CEO

*Osaka Univ. Assoc. Prof.*



Ravi Jana

International Business  
development director



Dr. John Basarin

Nonexecutive Director



# Thank you



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