

**MISSION TO
INNOVATE**



01 WE ARE HATCH

Hatch is an innovation centre driven by the mission to curate and accelerate dual-use technologies that enhance public safety and security.



[MORE ABOUT HTX AND HATCH]

Hatch is a programme office within the Singapore's Home Team Science & Technology Agency (HTX), a statutory board under the Ministry of Home Affairs.

HTX has a unique structure, even amongst Home Affairs agencies worldwide. Housing engineers and scientists across 18 tech domains, it is the central science and technology (S&T) agency for public safety and security and consolidates the S&T needs of Singapore's Home Team.

When you take part in Hatch's programmes, we connect you with Home-Team officers with technical and operational domain expertise, and match their needs to innovative global deep-tech solutions – from development to deployment.

OUR INNOVATION PROCESS



ANALYSE

Define challenge statements with end-users



CURATE

Targeted global scouting



MEET

Facilitate meetings between start-ups and end-users



VALIDATE

Facilitate proof-of-concept (POC) process between end-users and start-ups

CORE VALUE PROPOSITION FOR HATCH'S PROGRAMMES



Fast-tracked POC



Collaboration with Home Team science and tech subject matter experts



Validation of technology by the end of the programme

A woman with dark hair, wearing a dark green sweater, is reaching out with her right hand towards a white and blue robotic arm. The robotic arm is positioned on the left side of the frame. Several bright blue lines emanate from the end of the robotic arm, curving towards the woman's hand. The background is a blurred laboratory or workshop environment with various tools and equipment visible.

02

OUR INNOVATION PROCESS

Our open innovation programme creates collaborative opportunities between technology partners such as start-ups, operational end-users, homeland security engineers, and scientists.



HATCH & MATCH

The core that streamlines Hatch's innovation process

By carefully selecting promising tech start-ups worldwide, we efficiently connect them to the specific needs of Home Team challenge owners, fostering strategic impact within a robust innovation ecosystem.

What you can expect from Hatch & Match

- Rapid remote POC development with Home Team end-users
- Funded POC
- Non-dilutive funding (IP remains with start-up)
- Year-round intake
- Some degree of a relevant challenge already existing within the Home Team



DIMENSION X

Twice-yearly Open
Innovation Challenge

A global open innovation challenge where we crowdsource dual-use innovations to bolster public safety and security, rapidly validated and tested against operational requirements.

What you can expect from Dimension X

- Rapid 4-month remote POC development with Home Team end-users
- Funded POC (fixed SG\$100,000)
- Non-dilutive funding (IP remains with start-up)
- Twice-a-year global open call
- Onboarding week in Singapore
- Demo week in Singapore



A person is seen from the back, wearing a dark jacket and a backpack, looking towards a drone flying in the air. The background is a blurred, brightly lit exhibition hall with various displays and people. Several blue lines emanate from the drone and curve downwards towards the person, suggesting a connection or data flow. The overall atmosphere is futuristic and technological.

03

INNOVATION ADVISORY PROGRAMME

Helping start-ups and agencies overcome
the Valley of Death

- Connecting start-ups with public and private-sector investors and partners
- Providing support to start-ups in their post-programme pilot project scoping
- Managing project discussions between start-ups and Home Team

PROGRAMME STAGES

1

PROOF-OF-CONCEPT

Hatch Programmes*

Dimension X Cohort 1



Dimension X Cohort 2



Dimension X Cohort 3



Dimension X Cohort 4



HATCH & MATCH



*Updated as of 10 Dec 2024

2

PILOTING

Post-Programme Projects



3

FURTHER TECH DEVELOPMENT

Operational Trials



HATCH ALUMNI

Global start-ups who have worked with us

ROBOTICS, DRONES, CUAS



SENSORS & IMAGING



TRAINING & SIMULATION



ACOUSTIC & SPEECH



BIOTECHNOLOGY & BIOMETRICS



AI, BIG DATA & PROCESSING



GEOLOCATION & POSITIONING



TESTIMONIALS

Words from our end-users and start-ups who journeyed with us



HTX xData Project Team

Champion for Speechmatics
Dimension X (Cohort 2)



With Dimension X that Hatch organises, Home Team officers can skip the administrative hassle and dive straight into working with start-ups. There is no need to worry about Approval of Requirements (AOR), Approval of Budget (AOB), or procurements – just jump in, tackle the problem statement, and iterate quickly.

It's a refreshing approach that keeps the focus on innovation, not paperwork. As a result, our team got a practical, speech solution tailored for Singlish!



Tuan Tong

Co-founder, Gaitmetrics
Dimension X (Cohort 2)



Hatch doesn't just provide support. The connectivity through Hatch's networks and expertise makes this collaboration feel more like a partnership that focuses on making a better future.



Ron Shafran

CEO, Flyz Robotics
Dimension X (Cohort 1)



Singapore is a strategic market for us and so we took part in Dimension X. As a foreign start-up, it was difficult to collaborate with government organisations. Through this, we introduced our innovation to address real user needs, and our collaboration was a success. I highly encourage start-ups to join!



Ed Choudhry

CEO, Barricade AI
Dimension X (Cohort 3)



I'm really excited about working directly with the end-user [from the Home Team]. It's very hard for a start-up to get this kind of access to a [government] end-user, a pain point, to work through a solution, and then gearing you up for success at the end of a POC.



COME HATCH THE NEXT WITH US

Want to find out more about how you can collaborate with us on innovations to create an impact in public safety and security? Drop us a message.

Established by:



Powered by:



Global Partner:



Push the boundaries of innovation with us.

Find out how you can participate in our programmes to create mission impact in public safety and security.

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