

### **What is Dimension X?**

Dimension X is an open innovation challenge by Hatch. This programme validates novel and innovative start-up technologies with strong potential to solve public safety and security challenges the Home Team faces. Selected start-ups will receive a funding of S\$100,000 to develop a proof-of-concept over a period of four months in collaboration with the Home Team end-users.

### **Who is the organiser?**

The programme is organised by Hatch, which was established by HTX as an innovation hub for public safety and security, in collaboration with SOSA and Knovel Engineering. It was launched on 30 May 2023 by Minister K. Shanmugam, Minister for Home Affairs and Minister for Law, Singapore.

### **Who is eligible to participate?**

There is no requirement for geographical location or company size. Start-ups must either own the IPs of the technology solution proposed for the challenge or have the licenses to use those IPs to participate.

### **What if the solution fits more than one challenge statement?**

Start-ups can apply for more than one Challenge Statement by selecting them in the application form. Start-ups are to ensure that the pitch deck submitted explains its technologies and how they are relevant to the selected challenge statement(s).

### **Will participants have to give up any equity or IP?**

Hatch does not retain any equity or ownership of the solution developed during the program. Start-ups retain full and exclusive ownership of their information and intellectual property rights.

### **How can start-ups join Dimension X?**

Start-ups can submit the application form as well as a presentation of the company. Please include information on your company and technology.

### **What happens after submission of the application?**

Shortlisted start-ups will receive an invitation to pitch their company and technology to the challenge owners.

Finalists will get a chance to meet with the challenge owners in a one-to-one virtual meeting to learn more about the challenge statement(s). Then, the start-up will be asked to submit a proposal for the final selection.

### **What are the selection criteria?**

The start-up will be evaluated on the fit to challenge, novelty of technology, relevant team experience and business model.

### **What is expected during the program?**

The start-up will be expected to develop a proof-of-concept during the programme.

The start-up will also be required to fly twice to Singapore for a period of one week each. The first will be during the onboarding week (15-17 October 2024) and the second will be during the demo week (end March 2025).

The grant is intended to cover all POC development costs and travel arrangements. No extra travel allowance will be disbursed.

### **How will the grant be disbursed?**

The S\$100,000 grant is intended to cover all POC development costs and travel arrangements. It will be disbursed in two tranches: 1) 40% after contract signing; and 2) 60% after submission of information for closing report.

### **Where will the demo be held?**

The demo will be held in Singapore, and you are required to be in country for it. The demo week will consist of two parts:

- 1) Conduct an onsite tech demonstration of the POC at the end-user location;
- 2) Pitch presentation at the demo day event.

### **When is the deadline for applications?**

The application opens on 24 June 2024 and closes on 19 July 2024, 12 pm SGT (GMT+8).

### **Who will evaluate the submitted proposal for Dimension X?**

A panel comprising of Hatch, Home Team challenge owners and tech experts from HTX will evaluate the applications.

### **Can participants amend their proposal after submission? Do they need to resubmit my application after revising my proposal?**

Kindly refrain from resubmitting a new application. You can drop Hatch a message on the contact form [here](#) with the changes that you wish to make.

### **How many awardees are there for each challenge statement?**

Challenge Owners will decide on the number of awardees that can address their challenge after reviewing all the applications. Hatch will be awarding up to 10 start-ups in one cohort.

### **What should be done if there are further queries about Dimension X?**

Please send in challenge-related queries to [dimensionx@thehatchx.com](mailto:dimensionx@thehatchx.com).

### **What is the programme timeline for Dimension X?**

Please refer to webpage for programme timeline.

### **When will participants know if they are selected as the awardee for the Challenge Statement?**

Selected applicants will be notified in late July.

### **Will participant information be confidential?**

The information provided by start-ups in their submission will only be available to the following:

- Hatch organisers (to manage the submission platform)
- The selection panel (to evaluate start-up submissions)
- Hatch's partners (to look for potential collaborations)

If selected, a start-up's proposed solution may be announced in the public domain for the purpose of promoting Hatch programmes.

### **Can an off-the-shelf solution be proposed for Dimension X?**

- Start-ups offering customisations to existing solutions to meet the related use case would be considered for Dimension X.
- Start-ups offering market-ready products may still get in touch with Hatch to be considered for our other programs.

**How will participants who fall under “Out-of-the-box innovative technologies” with no “statement owner” carry out the POC demo in the program?**

- If selected, Hatch will match a challenge statement owner to champion the POC development.

**How will startups get access to sample data which may be sensitive (e.g. to train machine learning models)?**

- The approach taken should be a discussion between the challenge statement owner and their selected start-up. Depending on the target outcome, the challenge statement owner could share real data, or request that start-ups use open source or simulated data.

**It was stated during the info session that Dimension X is looking for start-ups at Technology Readiness Level (TRL) 4-7. What are the criteria to assess the TRL, and is this a holistic assessment of both software and hardware?**

- Note that the TRLs stated are only reference numbers and not strict criteria. We are looking for tech that has been validated with a working prototype but not tested in operational environment of public safety and security.
- We are referring to NASA standards for TRL which include lab testing and testing at the operational sites.

**What happens after Dimension X is over?**

- Hatch will provide support for scaling successful POCs from Dimension X for the eventual goal of deploying these technologies in real-world operation.

**Is the selection conducted virtually or in-person?**

- The entire selection process is conducted virtually.