Virtual Robotic Toolkit Bangladesh

Introduction Brochure

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vrtbd.com/

+880 1670635626

Virtual Robotics Toolkit

Bangladesh

Virtual Robotics Toolkit, or VRT, is a physics enabled robotics simulator. It allows the user to build, program, simulate and compete using their virtual robot.
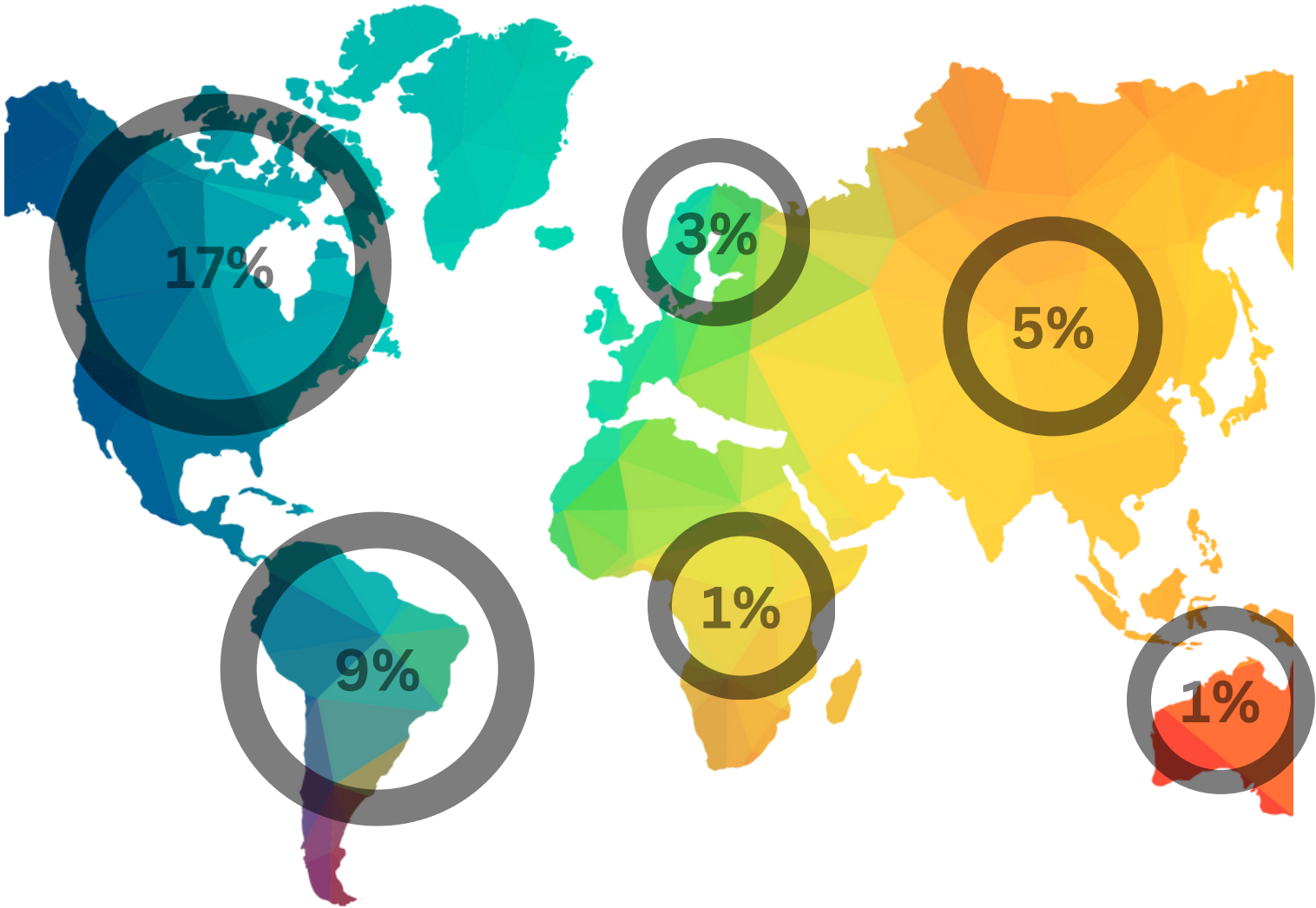
The Virtual Robotics Toolkit allows you to code your robot using a variety of different programming environments such as blockly, JavaScript and the traditional icon based Mindstorms programming.

With VRT you gain the same skill sets as working with physical robots like developing problem solving skills, critical thinking, solving challenges using creative solutions, and more.

But some exclusive perks of using VRT include being able to work from nearly anywhere in the world and in a diverse collection of environments, coding robots in a more affordable way and compete in virtual competitions

Virtual
Robotics
Toolkit
Bangladesh

17%

3%

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9%

1%

1%

VRT users around the world

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System Requirements

- Intel processors (i3, i5), AMD processors (A8, A10)

- 4 GB of RAM

- Integrated graphics card

- Windows 7 or better, Mac OS X - Mavericks or better

- 64 bit Operating System

- Internet Connection (for initial one-time activation, competition and the Learning Environment)

Virtual Robotics Toolkit Bangladesh

Save Money

Simulation allows you to work with your robot even when it isn't physically available

No Robot, No Problem

Simulated robots are available 24 x 7, don't ever break, and are never missing parts.

Education With Simulation

Great way to learn about programming, and an even more powerful tool for teaching STEM subjects.

I am a Virtual Robo Maestro

Sharing virtual robots and sample code is a great way to collaborate and stay in touch with other competitive teams long after the competitive season has finished.