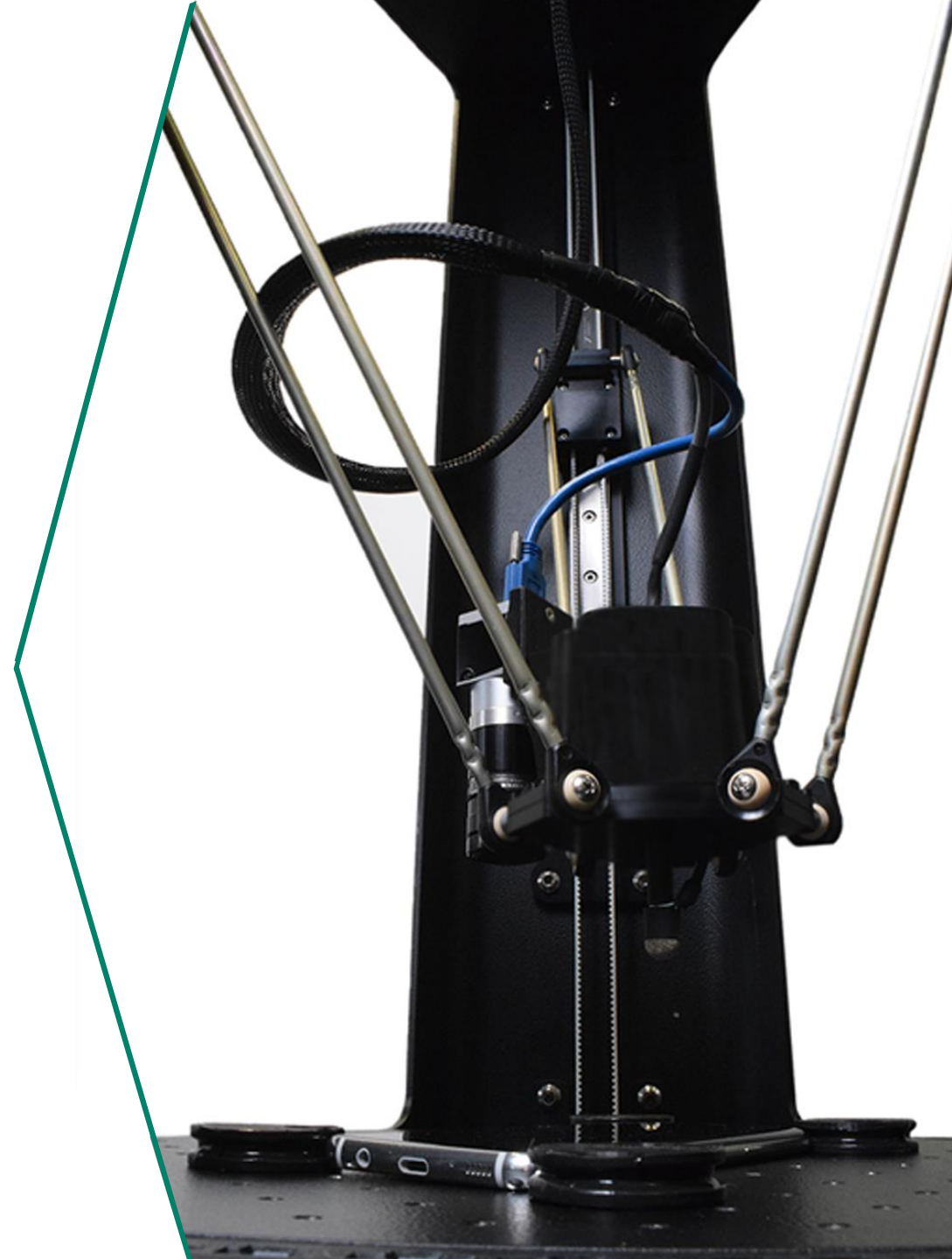


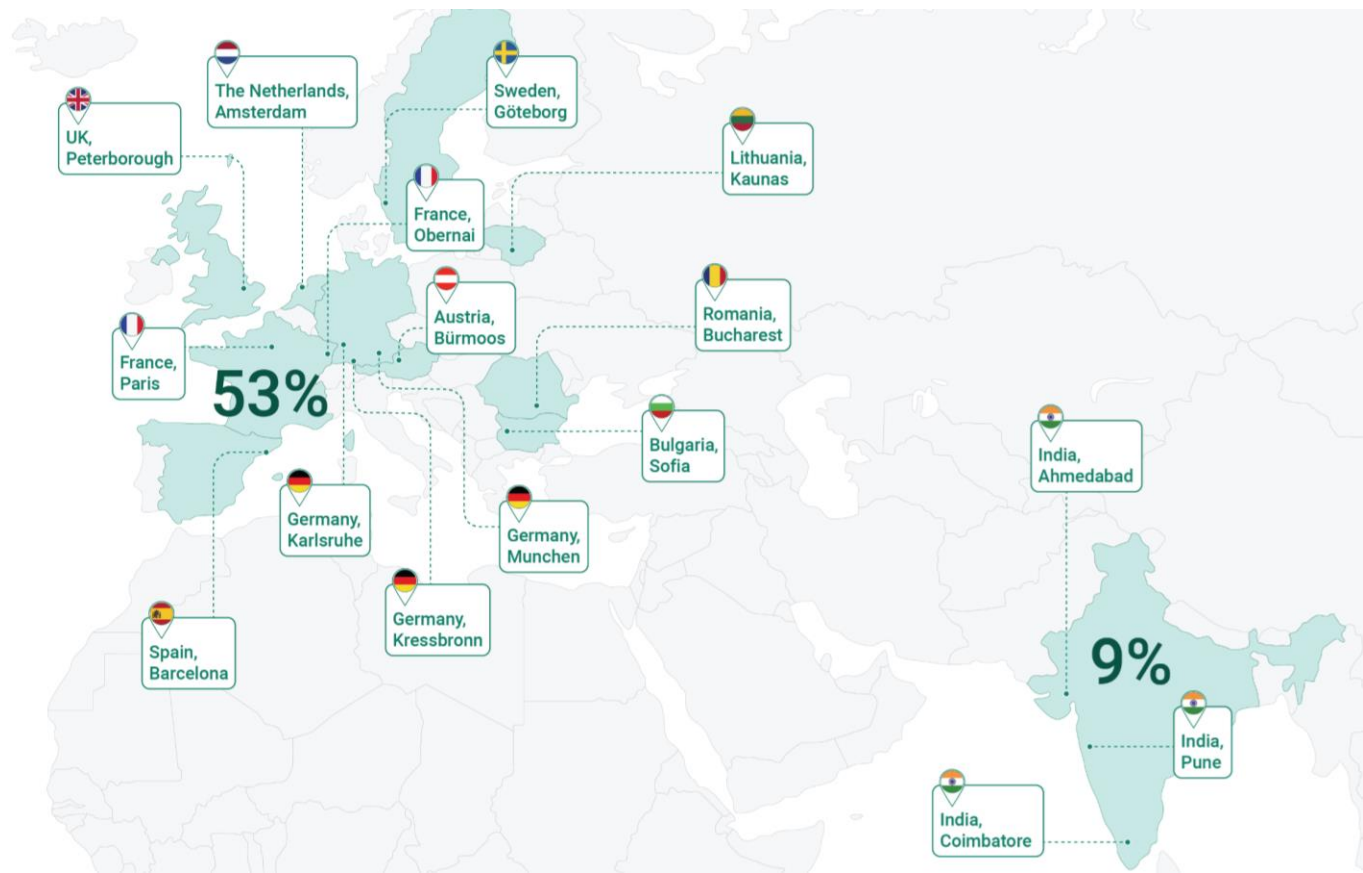
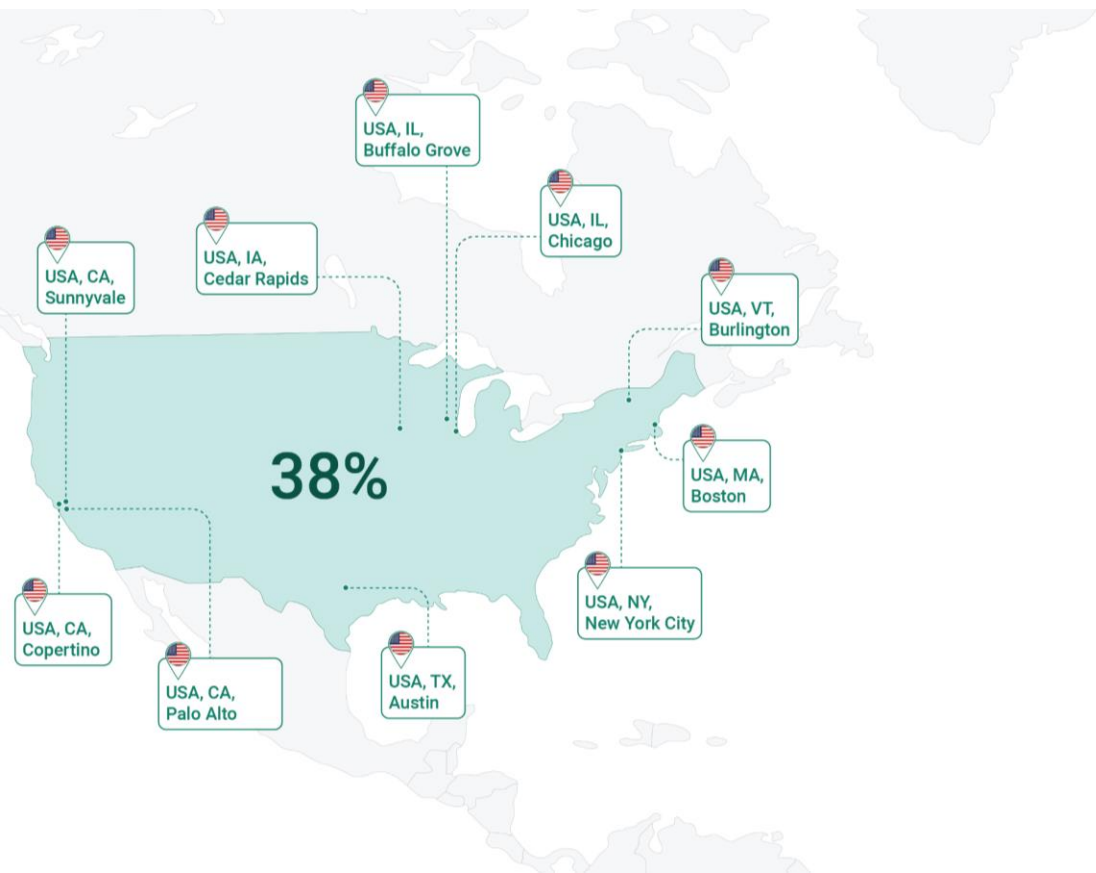
matt

MATT Robot:

**Complete Testing Solution
Ultimate Testing Automation**



PART OF MATT PRESENCE





WHAT IS MATT?

Device hardware and software testing made
Smarter, Faster and more Precise

Designed to physically interact with devices through
Replicating Human Input

CAPABILITIES

Computer Vision - recognizing buttons, icons, text fields and OCR

High precision with a fixed-point accuracy of 0.05 mm

Multi-touch testing - simulating human interaction, pinch, swipe, rotate, zoom-in, zoom-out.



CAPABILITIES

Flexible API - WebSocket API, Python API, JavaScript API

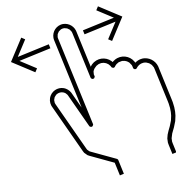
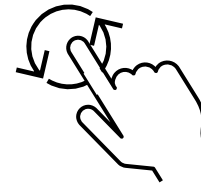
Integration with external cameras - high speed for latency measurements, camera for remote operation

Add-ons for customized interaction (ex. actuators for side buttons pressing, microphones, speakers, bar code readers, etc.)



CUSTOM END EFFECTOR

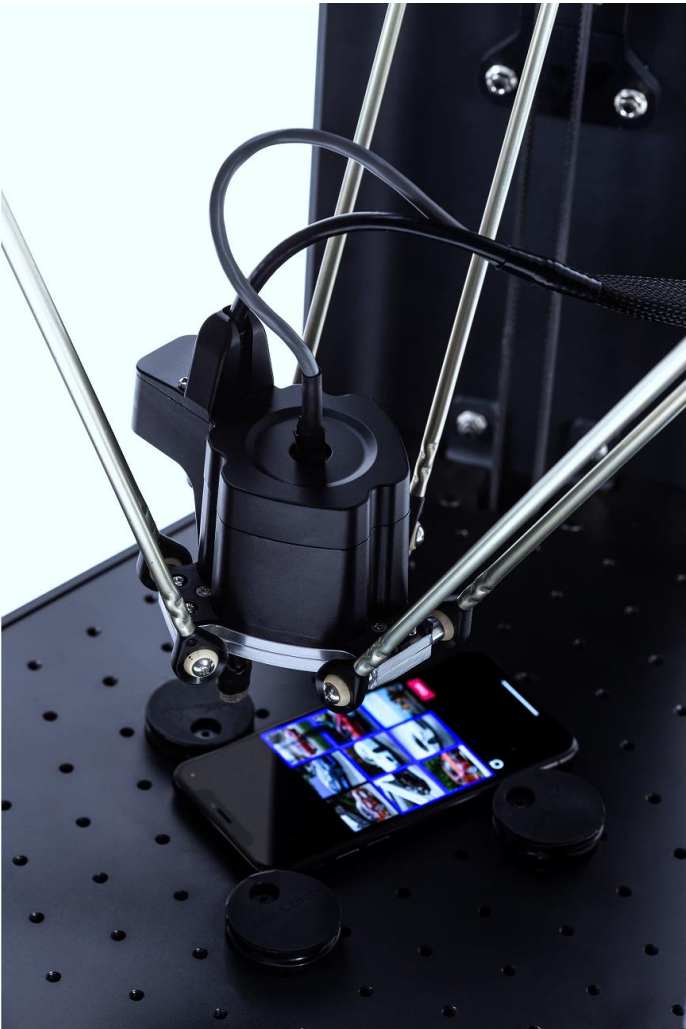
MATT is a **complete testing solution** for devices that incorporate any physical input such as touchscreens or buttons, using a **custom end effector** designed to replicate multi-touch input, like tapping, pinching, swiping and rotating.



Depending on the client's use-cases, **MATT's effector** can be equipped with one or three fingers capable of simulating human interaction, but also the effector can be customized for the client's specific needs (ex: adding a light source, microphone, another finger, etc.)



SMARTER, FASTER, AND MORE PRECISE



MATT is designed to have the **reliability** and robustness of an industrial robot, while still being **flexible** and **compact**, making the testing process easier and faster in any scenario. MATT can perform **full test cycles for both hardware and software**, hence relieving manual testers of repetitive tasks, providing consistent results and increasing productivity.

Additionally to the robot, **services** such as one year warranty, support, training, test case development, and supplementary maintenance can be offered.



USE CASES

Where is MATT used now



Where is MATT used now

Perform our [stationary tests](#), which consist in series of actions that mimic how people use their smartphones inside their homes and/or offices on a daily basis



Response Time Measurement

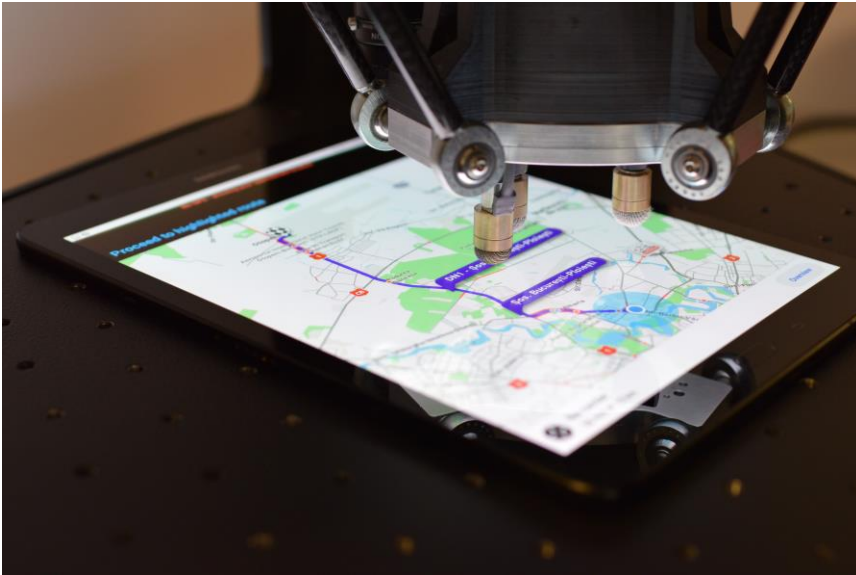


[Video](#)

[Touch response time measurement](#) for mobile phones, tablets and infotainment systems-display team

Infotainment

Infotainment systems and virtual mirrors
and any other touch-screens in
automotive industry



Larger Scales

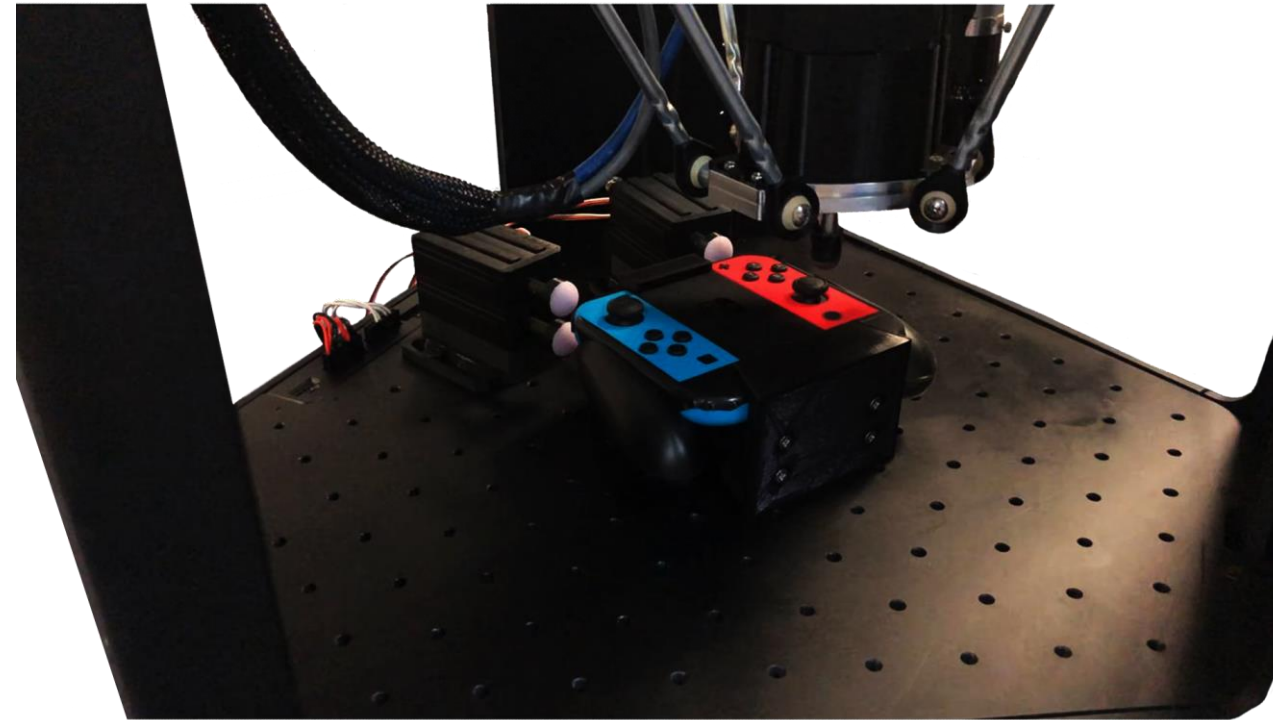
Large scale Initial set-up and
configuration of a smart device

For more than 500 devices/ day

Video game consoles

Interacting with and playing video games on video game [consoles](#) produced by the key players in gaming console market.

Nintendo, Xbox and Play Station



Thank You!

matt

<https://www.adaptarobotics.com/matt/>

