

MEDIA RELEASE

Minuum to end battle between mobile screen space and keyboards **Start-up launches Indiegogo campaign to change future of mobile typing**

TORONTO, Canada (March 18, 2013) – **Whirlscape Inc.**, a Canadian tech start-up, has developed [Minuum](#), “the little keyboard for big fingers.”

Minuum is a **one-dimensional, tiny keyboard that frees up mobile screen space while allowing fast, accurate typing**. Its specialized, patent-protected auto-correction algorithm allows highly imprecise typing. This algorithm, based on the touchscreen and wearable device research of company founders, researcher Will Walmsley and professor Khai Truong at the University of Toronto, configures the difference between what you type and what you mean, in real time, getting it right even if you miss every single letter.

Watch Walmsley demonstrate the Minuum keyboard in their Indiegogo campaign [video](#).

“While our mobile devices are becoming smarter and faster, the keyboard has coasted into the 21st century essentially unchanged from the days of the typewriter; now we’re stuck with keyboards that cover up half a smartphone screen but don’t make up in accuracy what they take up in screen space,” says Will Walmsley, CEO of Whirlscape. “Realizing we could minimize the keyboard while maintaining accuracy was the eureka moment. We’ve changed what a keyboard needs to be, enabling a future of typing with wearable technology.”

Minuum improves mobile typing by:

- Recovering *more than half* of the usable touchscreen space lost when typing on traditional virtual keyboards
- Allowing for fast, accurate text entry when typing is sloppy
- Providing letter magnification for precise typing—especially useful for large fingers
- Respecting user familiarity with the existing QWERTY keyboard
- Providing convenient access to everything users expect in a keyboard (such as punctuation, space, backspace, and enter) without stealing screen space
- Letting you type anywhere—with a keyboard you can move around your touchscreen

The Minuum touchscreen keyboard is the first step of **the Minuum project**, which seeks to bring simplified typing to mobile and wearable devices. The Minuum layout is “one-dimensional” because it presents a continuum of letters, laid out in a row. The simplicity, size, and accuracy of Minuum make it the perfect keyboard to fit into the future of wearable computing. While the first implementation of this technology is for smartphones and tablets, its type-anywhere implications are far-reaching.

To bring a tiny, user-friendly, accurate keyboard to mobile devices and give users back their screen space, **Whirlscape is aiming to raise \$10,000 on Indiegogo from March 18 to April 17, 2013**. The campaign will fund the launch of an Android keyboard app, along with an iOS (iPhone, iPad) keyboard for developers to put into their apps. The beta version of the Minuum keyboard will be available for technology journalists to test for free in June 2013.

An [FAQ](#) covering the most common Minuum questions is available on the Minuum website; background information, technical details, photos, product specifications, and more information about wearable computer applications of Minuum are also posted on minuum.com/mediaroom.

About Whirlscape Inc.

Based in Toronto, Ontario, Whirlscape is a Canadian high-technology start-up with roots in human-computer interaction (HCI). Its product offerings address typing errors in widespread applications like e-mail and text messaging (SMS), initially through alternative keyboards on Android devices with planned extensibility to iOS (iPhone, iPad) and other platforms or OEM devices. Founded in June 2012, Whirlscape has received seed funding from the [University of Toronto Early Stage Technology \(UTEST\)](#) program and [MaRS Innovation](#). Whirlscape is engaged in developing fully functional Minuum keyboards for Android, incorporating touchscreen entry and motion-controlled modes. The company is also prototyping wearable typing devices to test its technology to its limits.

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