

## Blur—Instrumented Skate

**Client:** Blur Sports Inc.

**Project Lead:** Joe Newton    Joe\_Newton@bcit.ca

Scott McMillan knows that in the competitive world of professional sports, optimizing performance is key to winning. After six years working with the Adidas Innovation Team, Scott branched out to pursue his own innovative idea: a hockey skate that would track various aspects of a player's stride - timing and coordination, differences between right and left legs, and how their balance shifts as they skate.

McMillan brought his idea to BCIT and MAKE+ and got to work on an alpha prototype. Make+ worked with Scott to create a device that would integrate with a hockey skate to monitor the skater's activity without interfering with the skater. In six months' time, the project was complete, and the initial prototype was leveraged to generate more funding for the next phase of the project.



“What we are doing [for the second project] is building another ten units and making everything smaller and more efficient, and getting it into more of a production-ready mode,” says MAKE+ director, Nancy Paris. “This is a very exciting project that will have a great impact on the economy and ice sports. This technology doesn't currently exist. This will be brand-new.”



FOR MORE INFORMATION ON MAKE+

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