

# Gaming Suit Control System

## INDUSTRY CONTACT

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## BACKGROUND:

Inventing Future Technology Inc. (IFTech) is a high-tech company with a focus on Immersive Wearable Technologies; its product, As Real As It Gets (ARAIG) is a wearable suit that totally immerses users into the reality of their virtual world. IFTech's initial focus is on the video gaming consumer and military training simulation market, which would benefit from an improved design and functionality of the suit's control center. This includes improving various aspects of ARAIG's central nervous system.

## OBJECTIVES:

- To design and build a controller of ARAIG.
- To create wireless communications protocol of ARAIG.

## OUTCOME:

By working with Durham College (DC), IFTech now has an improved controller with a wireless communications protocol, providing an optimal solution for all of the different wireless requirements of the varying markets for the ARAIG product. The collaborative projects with the college have helped IFTech achieve key milestones towards the commercialization and revenue generation of ARAIG. Through the development of ARAIG's nervous system, IFTech will have the specifications for the electrical sensory devices and communication and activation module to control those sensory devices (called the control centre), as well as the battery requirements and draw of the system for the commercial model.

## THIS PROJECT WAS MADE POSSIBLE THROUGH A PARTNERSHIP WITH:

### Ontario Centres of Excellence (OCE):

Ontario Centres of Excellence (OCE) drives the development of Ontario's economy by helping create new jobs, products, services, technologies and businesses. In partnership with industry, OCE co-invests to commercialize innovation originating in the province's publicly funded colleges, universities and research hospitals.

## FOR MORE INFORMATION, PLEASE CONTACT:

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