

# Safebox Lockout System

## in Pilot Compaction Facility


The SafeBox System is lockout/tagout technology that reduces time for energy isolations, while enhancing the safety of those working on equipment. This project is an outcome of Ionic Mechatronics and the SafeBox technology being selected as IMII's Innovation Award winner in 2020.

The SafeBox is a two-part lockout/tagout system consisting of a Master Control Device and a Field Isolation Device (FID). It will be deployed on a trial basis in a pilot plant at an IMII member operation which is used for technology and product development. The process, equipment, and lockout requirements closely match the requirements of a full-scale SafeBox implementation on a compaction production circuit.

This pilot project will be for the validation of the SafeBox system user experience in a minerals environment in Saskatchewan. If successful, it will provide confidence to the industry to apply the system for increasingly mission critical and productivity enhancing applications.

Ionic Mechatronics is the original equipment manufacturer for SafeBox systems. This project is being supported by IMII member companies Mosaic, Nutrien and Cameco.

[SafeBox™ - Reduce Lockout Time to Seconds \(safeboxsystems.com\)](https://safeboxsystems.com)



**Proponent:** Ionic Mechatronics  
**Project Duration:** April 2022 to April 2023  
**Project Cost:** \$420,000  
    IMII & Industry Contribution: \$335,000  
    Ionic Mechatronics: \$105,000



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