

How can you control **who** can access your human machine interface?

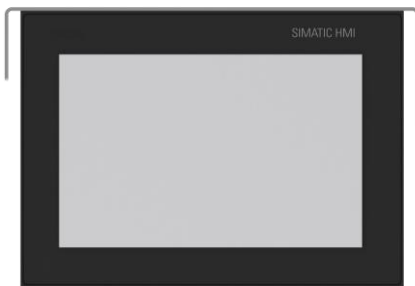
How can you **save costs** on installation and set up for distributed I/O?

HMI's or Human Machine Interface are most commonly used by **system integrators, engineers and operators** to review & monitor processes, diagnose problems and visualise data.



In this scenario, the image on the right shows a human machine interface (HMI) which can be accessed by any employee with a password. The HMI is built into a control unit with a highly time consuming set up hosting a green push button to 'control power', an emergency stop, and a red indicator light to signal machine status.

Each I/O element requires a electrical connection via a relay, which on a production line of multiple HMI devices, generated significant costs.



Control Power



External I/O



Estop



The Fortress Solution – A single device with all the capability

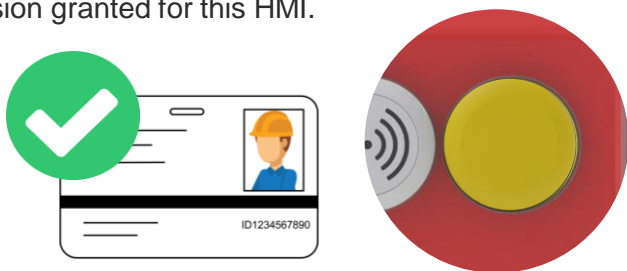
All in One Solution with direct network connection via EtherNet/IP CIP Safety to the Safety PLC.



RFID permission based access control utilising RFID badge recognition and **pre-assigned user permissions** to ensure only the 'right people' can perform the 'right tasks' at the right time.



Permission Indication on badge read – when a user scans their badge, this indicator will light up if they have permission granted for this HMI.



Integrated safe and non-safe I/O with illuminated estop and green 'Control Power' push button.



Built-in External I/O Connection to for direct PLC communication to additional I/O features such as indicator lights, sensors, sounders, switches and other devices.



 Find out more about our networked I/O modules, [click here for our website!](#)