# Milestone Report: Factory IO Prototype

Factory IO simulation: A Factory IO simulation was created to represent the clients Factory as close as possible. Development was limited due to Factory IO not allowing for a range of customization options as it became apparent it was more of a learning tool. The simulation designed was created to prototype a similar production process from moving boxes along a conveyor whilst gathering data on each machine.

Issues and challenges: The original license for Factory IO did not provide communication protocols required. This was identified and Matthew applied for the Ultimate edition license provided by AUT. To mitigate this, we decided to create further trial accounts which would let us use the Ultimate Edition for 30 days a time, however this did not work entirely as each Factory IO instance was stored on the machine and could not be worked around by simply creating a new account. Even with this delay the Factory IO simulation was still completed on time.