

MAKING CYBERCOM

Based on Cybercom's values and inclusive culture, we are developing skills, client offerings and employees.

This is how we are making Cybercom.

Cybercom Innovation Zone

Predict Shutdown in Production through AI

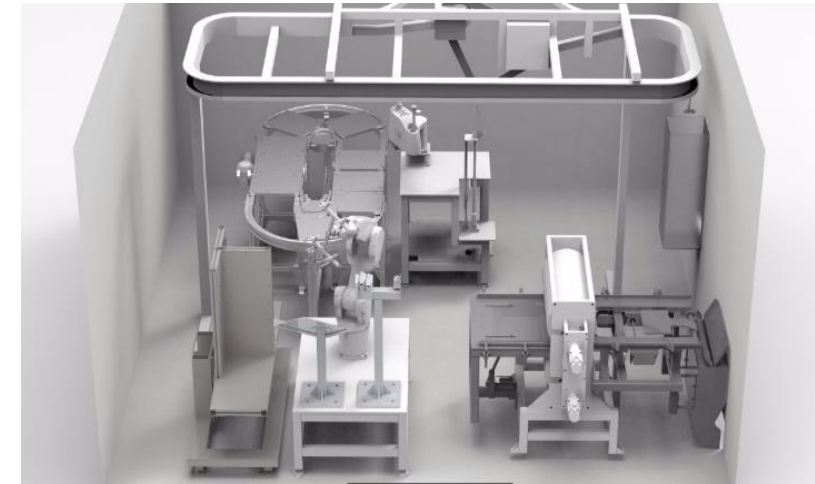
Challenge

Digitalization and its connection to sustainable production is identified as a key enabler for increasing the number of jobs in Swedish industry. The purpose of Project Smarta Fabriker is to increase the attractiveness of technology and careers in industrial companies, and to spread knowledge about industrial digitalization.

AI and ML is an emerging technology when it comes to streamline manufacturing within Industry 4.0. The factory built for Smarta Fabriker generates great amount of data that is collected on Azure Cloud. This data can be used in different data models to be able to not only predict but also prescript and suggest actions for maintenance. For instance, we could predict when the cartons in production is not suited for use dependent on gathered data such as humidity, temperature, pressure and flow sensors in the factory.

Solution/Tasks

- Evaluate pool of current data generated by factory
- Preprocess and filter data
- Make use of Azure's cognitive functions and or open source models for building specific models in Smarta Fabriker
- Train models with real data from factory
- Present predictions in a comprehensive way at Smart Factory mobile app



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Current Smart Factory mobile app is available at Apple Store & Google Play:

Apple Store: <https://itunes.apple.com/se/app/smarta-fabriker/id1263106661?l=en&mt=8>

Google Play: <https://play.google.com/store/apps/details?id=com.smartafabriker>