

Dnata and Hermes start AI cargo handling trials

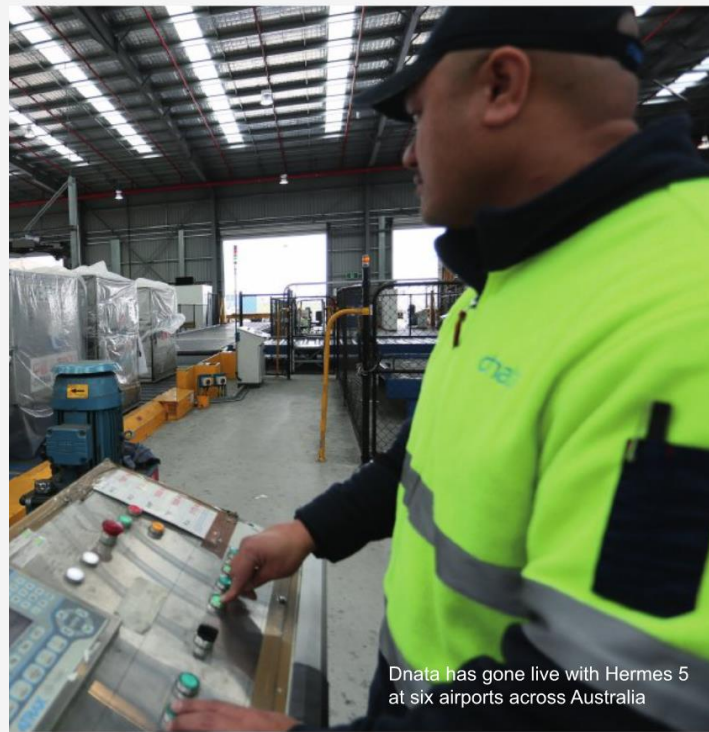
Artificial Intelligence algorithms will analyse data generated by Dnata's air cargo handling activity in order to develop predictive business analytics models to improve efficiencies, costs and services

Hermes Logistics Technologies (HLT) is working with Dnata and researchers at the IT University of Copenhagen to explore new machine-learning models aimed at delivering predictive business analytics for the air cargo handling operator and improving efficiencies, costs and services.

The artificial intelligence (AI) algorithms will run data from Dnata Australia's air cargo handling activities. This will be managed and recorded via the new Hermes Digital Ecosystem that Dnata has deployed within its air cargo handling operations, which includes a full 'data lake' infrastructure that captures and stores all of Dnata's Hermes New Generation Business Intelligence events.

The partners said the machine learning models will enable the Dubai-headquartered global air cargo handling specialist "to make predictive business process decisions providing key insights on efficiencies, costs, and new services".

Alex Labonne, Chief Technology Officer at HLT, said: "Machine learning is part of HLT's digital agenda and our data lakes are a fantastic source of events and data, which are always up to date and ready to



Dnata has gone live with Hermes 5 at six airports across Australia

inform and train AI models in the Hermes Cloud. Successfully trained models will form new predictive functionalities for Dnata and help them refine an already competitive cargo handling offering."

Dnata recently went live with HLT's H5 Cargo Management System at six airports across Australia in Melbourne, Sydney, Adelaide, Darwin, Perth, and Brisbane.

Terence Yong, Cargo Development Director for Asia Pacific at Dnata, commented: "Dnata is looking forward to using predictive modelling to enhance our cargo planning and operational processes. This data science not only benefits our interaction with customer airlines, it enables us to anticipate the demand patterns in advance for more efficient operations."

Hermes said the Dnata machine learning prototype is part of HLT's digital agenda to deliver value added services using Big Data analytics.