

Blockchain for Supply Chain and Enterprise Risk Management

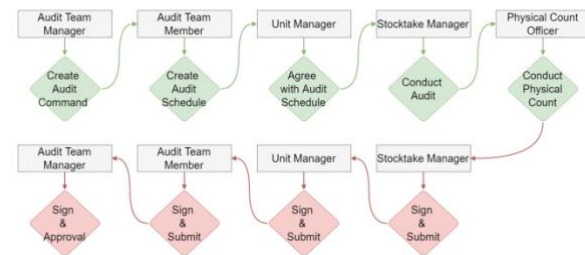
Logistics Research Group, UNSW@ADFA



The Logistics Research Group is a world wide collaborative research centre, has developed international standing in research excellence in Logistics, and working at the intersection between IT and Business and other human endeavours encapsulated by its motto of "creating value by making connections".

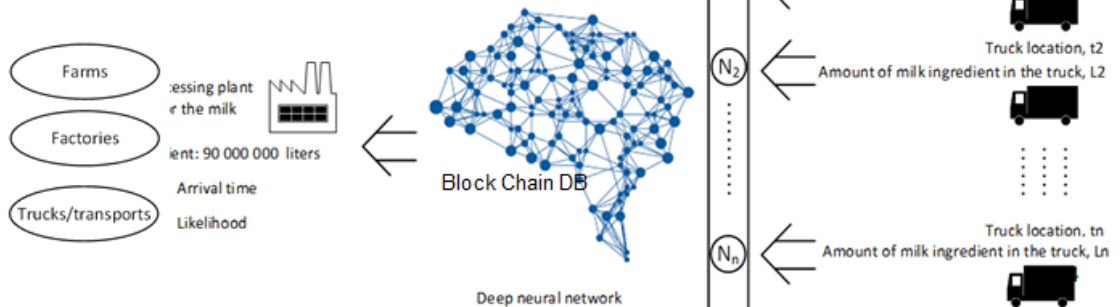
A new blockchain approach for Risk Management for Defence Enterprise has been developed as part of the collaboration between the Department of Defence and UNSW@ADFA and a patent application has been submitted.

CARM Block Chain Demo



An innovative deep learning neural network has been developed to mine the blockchain data

Track and Trace Asset, Transportation and Supply Chain



captured through Logistics sensor networks. A proof of concept block chain based milk farm production and distribution is developed and deep neural network is to learn the milk quality and control bacteria growth, to learn demand and supply time series, to learn randomness or nonlinearity of customer demand, to predict optimal configuration for the farms, factories and road transports. The project is an output of ARC-LP with Australian Milk Farmers.

