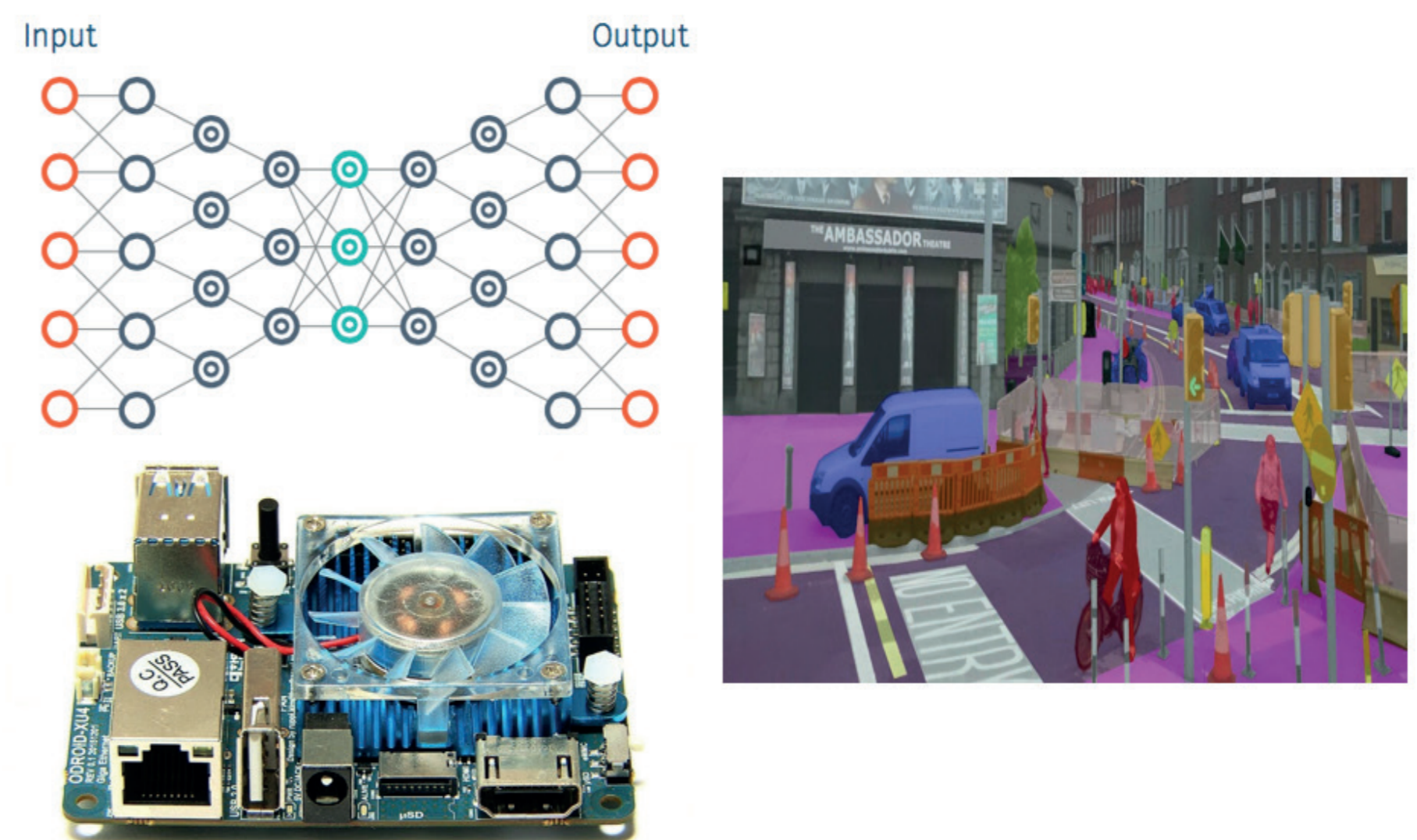


Implementing Computer Vision and Machine Learning Algorithms on Embedded System

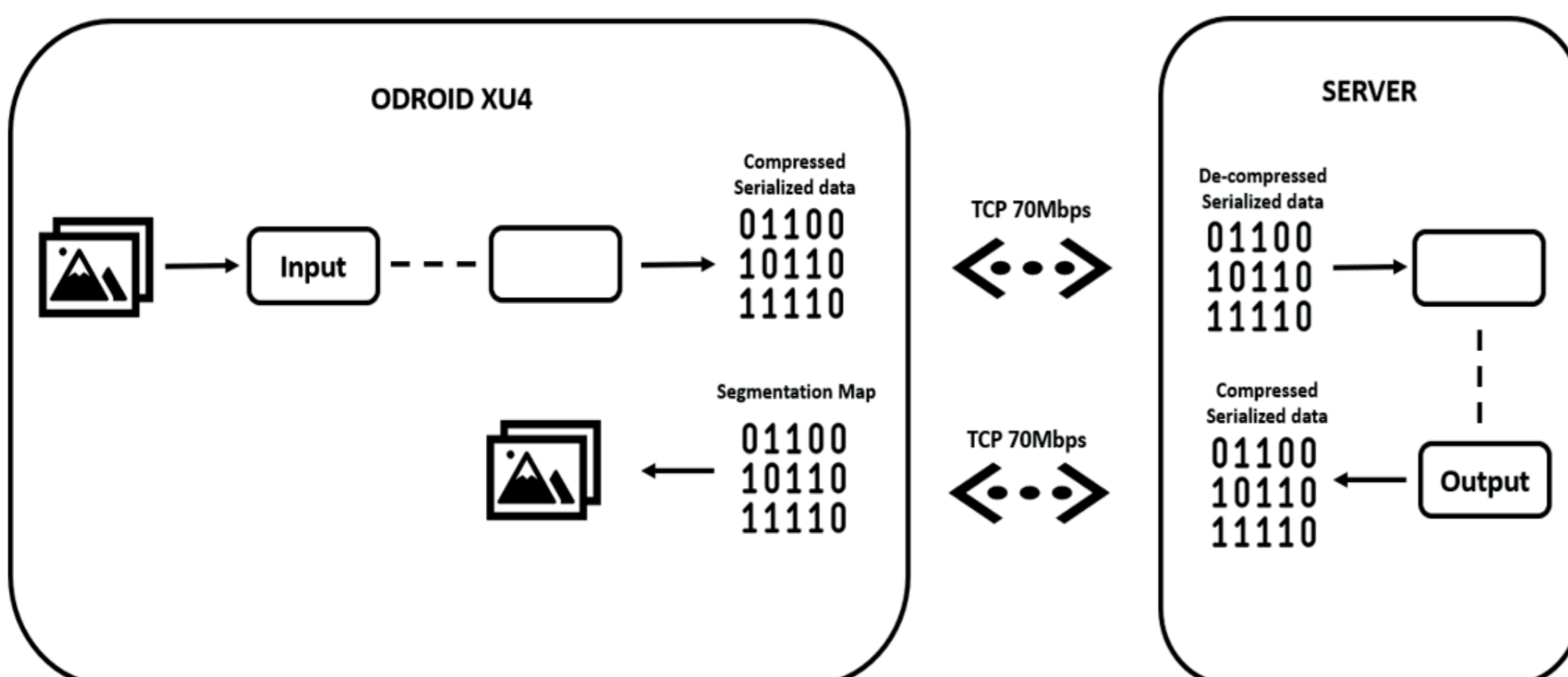
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The project explored two methods of implementing Deep Learning based Semantic Segmentation algorithm on embedded system



(1) Computational Graph Partitioning



Semantic Segmentation model computational graph is partitioned such that its operations are shared between the edge device and a server

(2) Optimised Inference Framework

Semantic Segmentation models are converted and optimised to run on optimised inference framework

