



## Deliverable 6.1 Applications Specification

<b>Work Package</b>	WP 6 – Application Specification and Demonstration
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## 1 Publishable summary

This deliverable gives an overview of the different applications that will be demonstrated in the TEMPO project. Some build closely on the specific hardware developed in the project in WP 2-3-4, other depend more on COTS platforms like FPGAs. In the latter case they are mostly used to drive the right specs and algorithm capabilities for the (spiking) NNs for which hardware is developed in other WPs. This decoupling allows the application track and hardware tracks to run largely in parallel, while maintaining a tight enough link at application spec level. In addition, this creates flexibility to compare DNN with SNN for the same application, for example in the food classification and x-ray image use cases.