

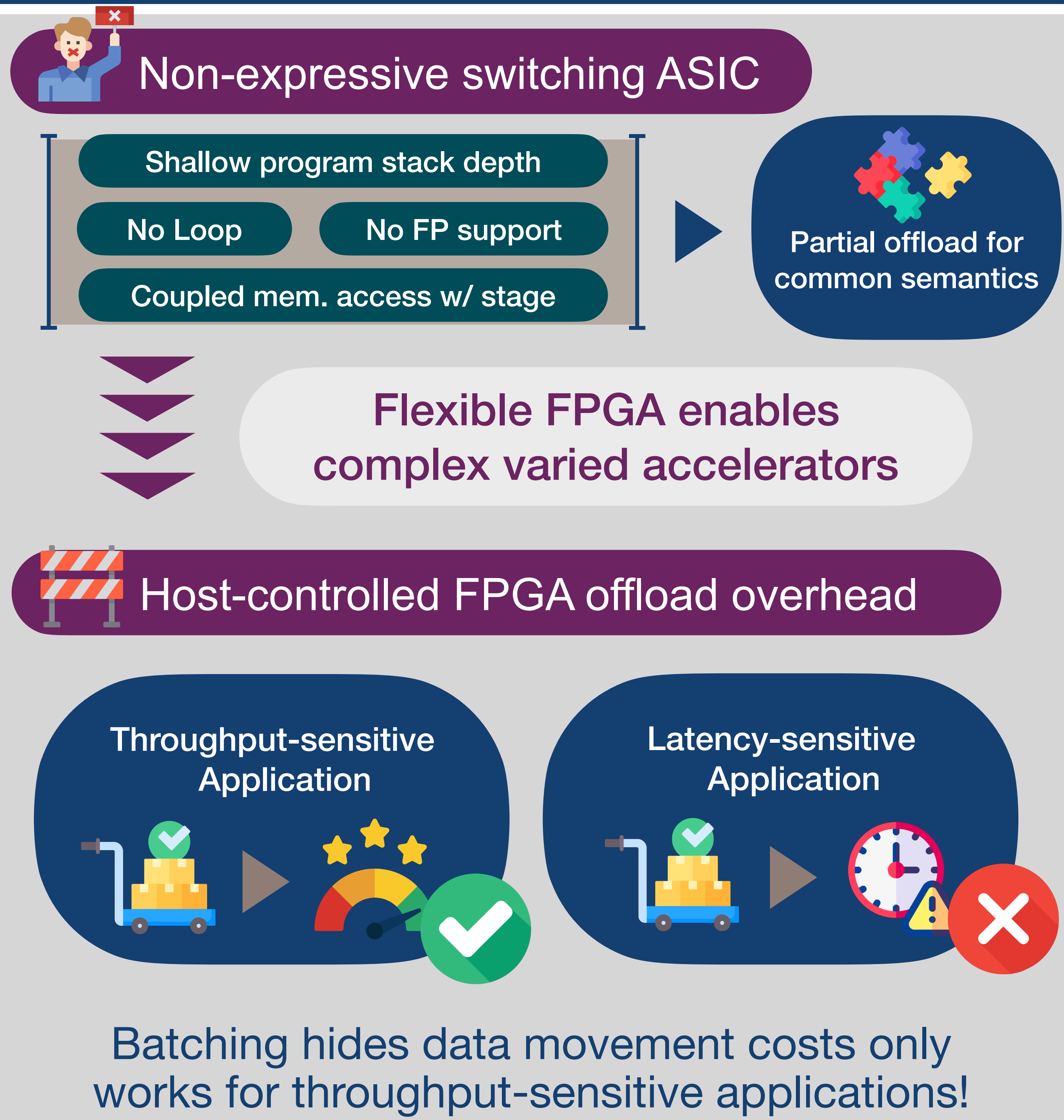
# Bridging Software and Hardware: Stateless Remote Accelerator Calls



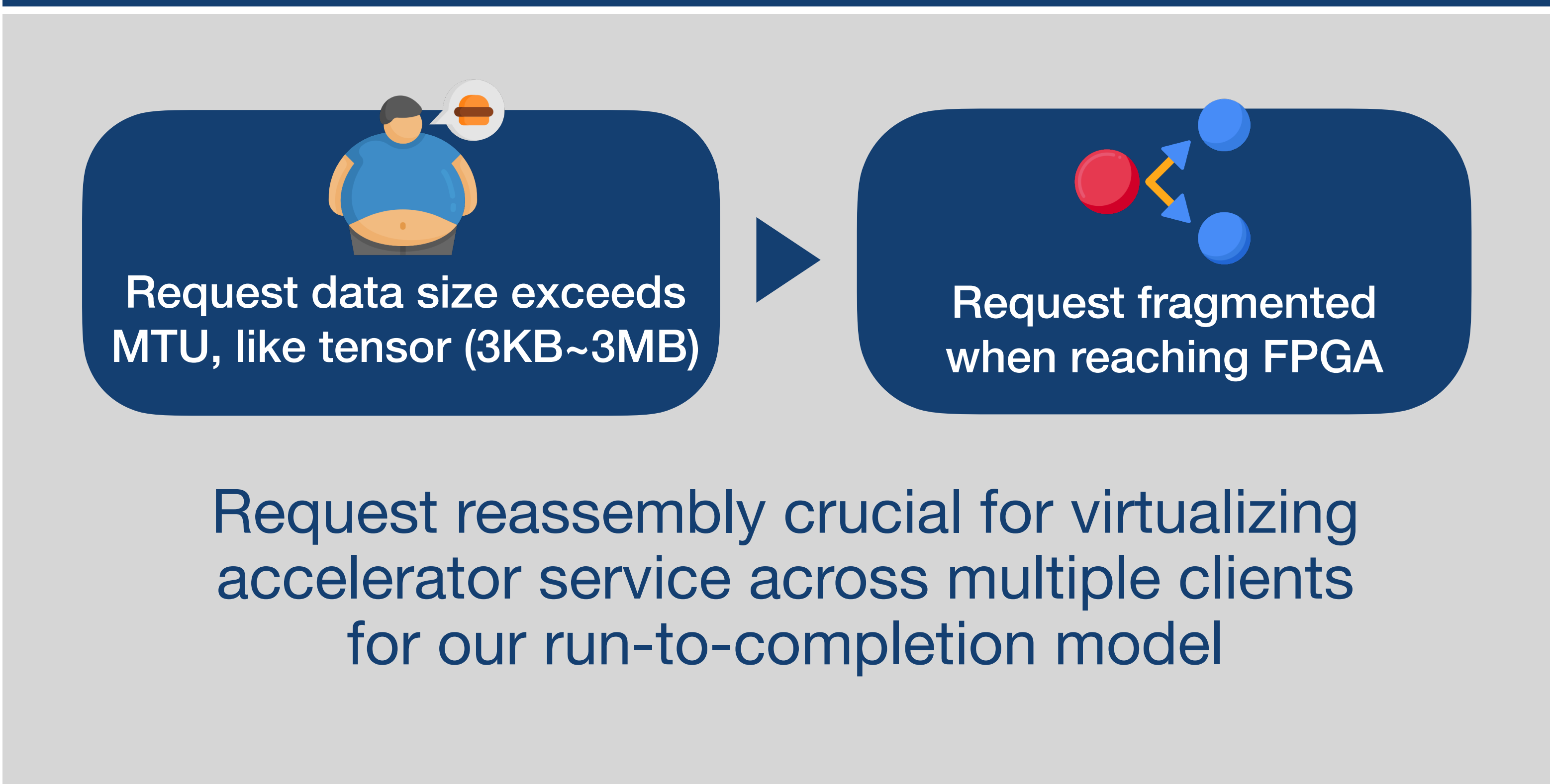
Ziyi Yang, Krishnan B. Iyer, Yixi Chen, Ran Shu<sup>^</sup>, Zsolt István<sup>\*</sup>, Marco Canini, Suhaib A. Fahmy

KAUST, <sup>^</sup>Microsoft Research, <sup>\*</sup>TU Darmstadt

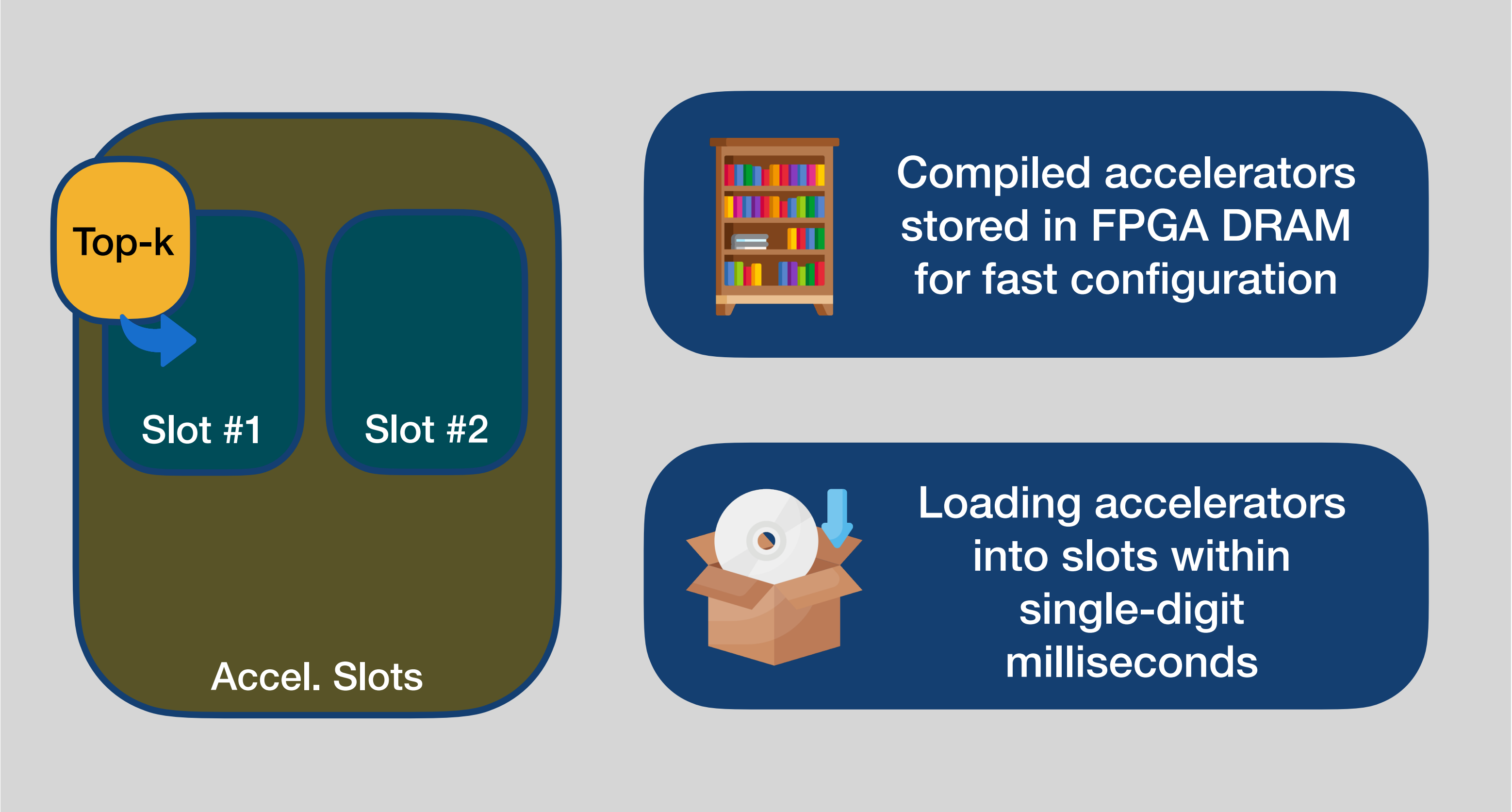
## Background



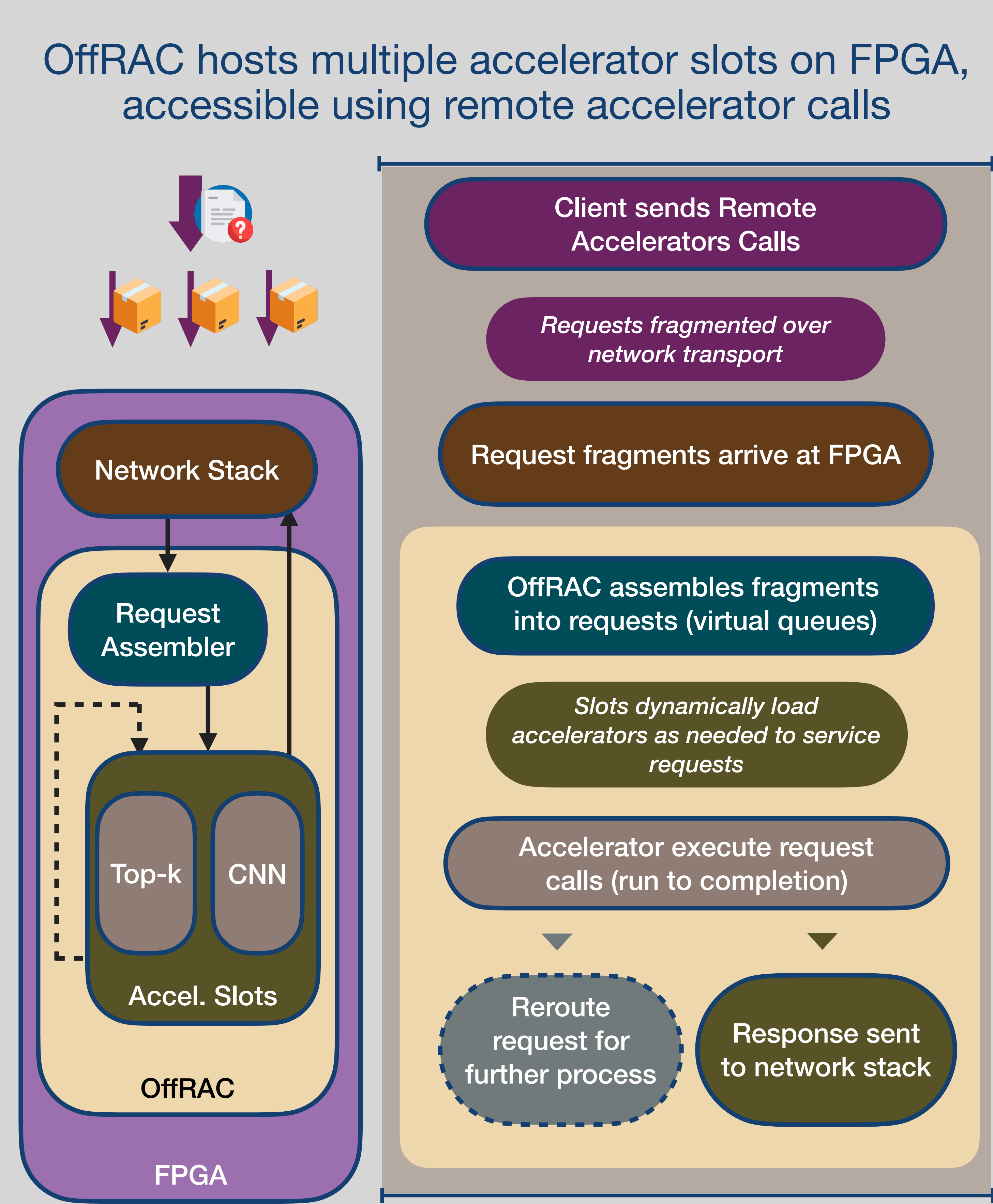
## Request Reassembly



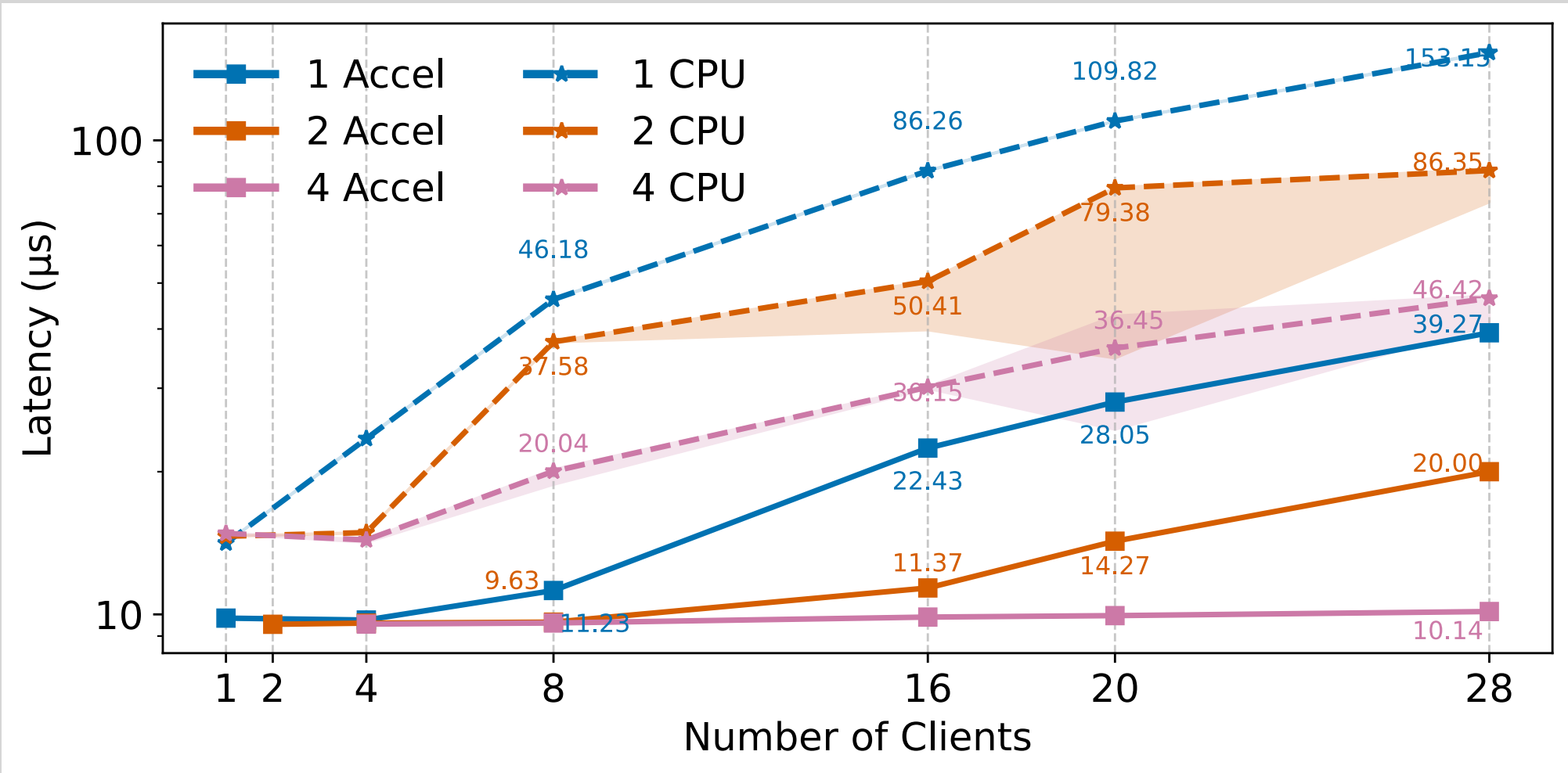
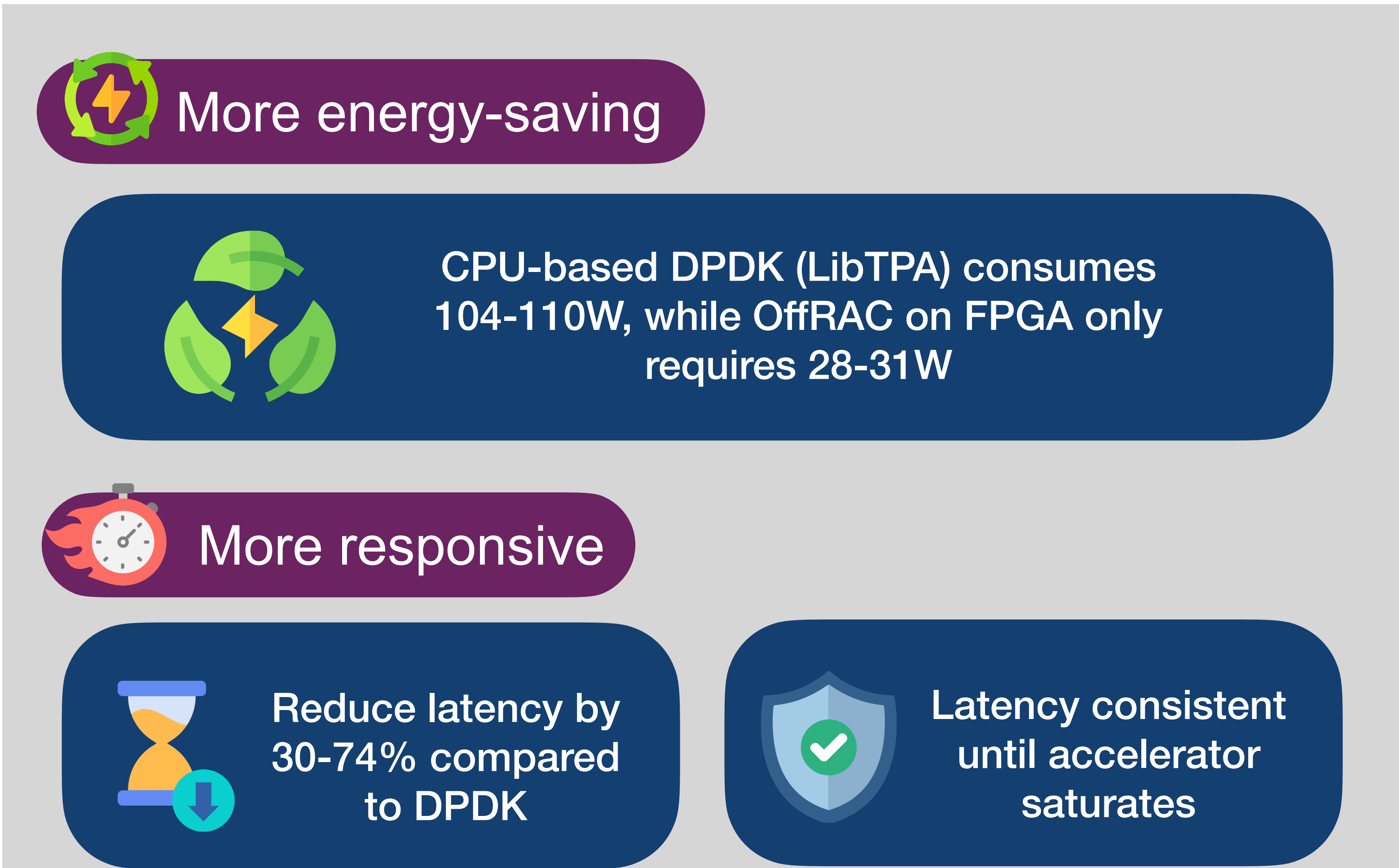
## Accelerator Slot Abstraction



## System Design



## Preliminary Results



Digital Version