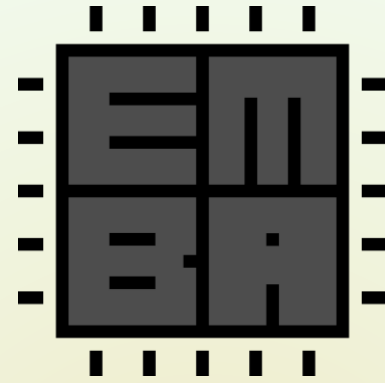




# EMBArk Orchestration Framework – Enterprise ready firmware security analysis



# EMBA-verse Overview



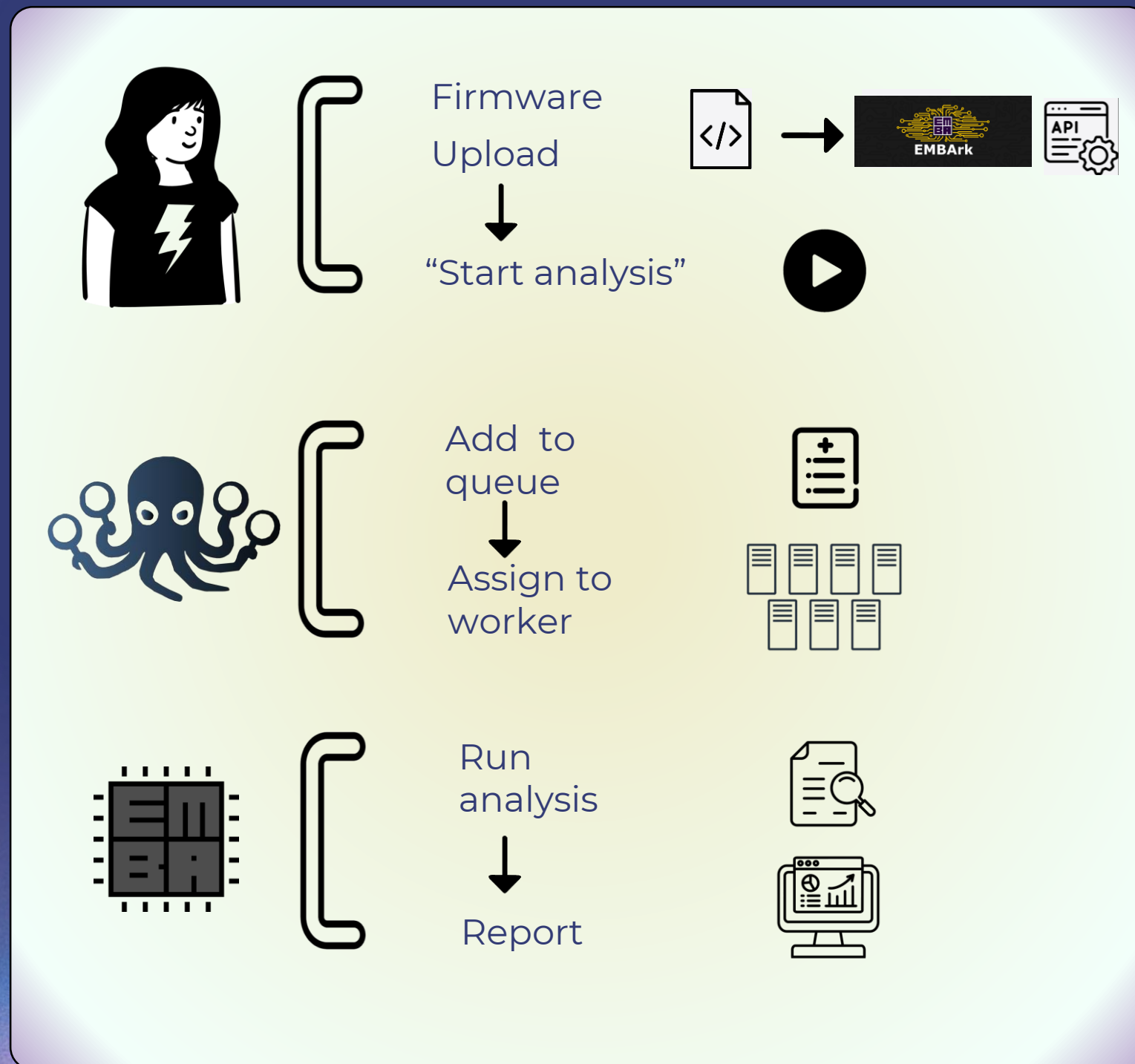
EMBA FOSS cli tool for firmware analysis

EMBArk – Web UI for EMBA (former AMOS project)

Our work: EMBArk orchestrator – enabling parallel analysis on offline worker nodes



# Analysis Workflow – From Upload to Report



User uploads Firmware via Web UI

Orchestrator queues job for analysis

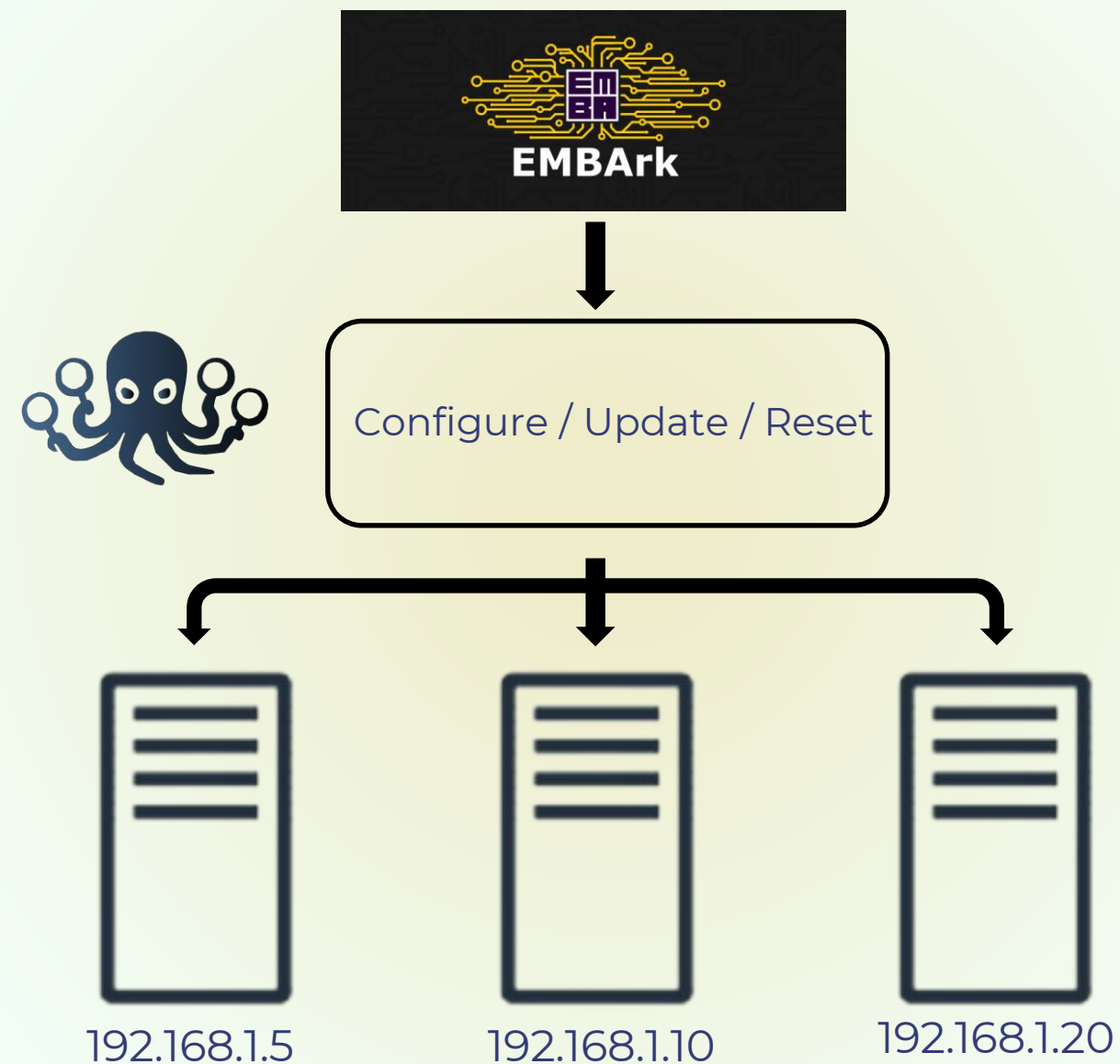
Worker receives job and executes EMBA analysis

Analysis results are collected in a report

Resulting reports are collected by EMBArk



# Worker Management



Adding a new configuration

Adding new worker to a configuration

Manage and update workers