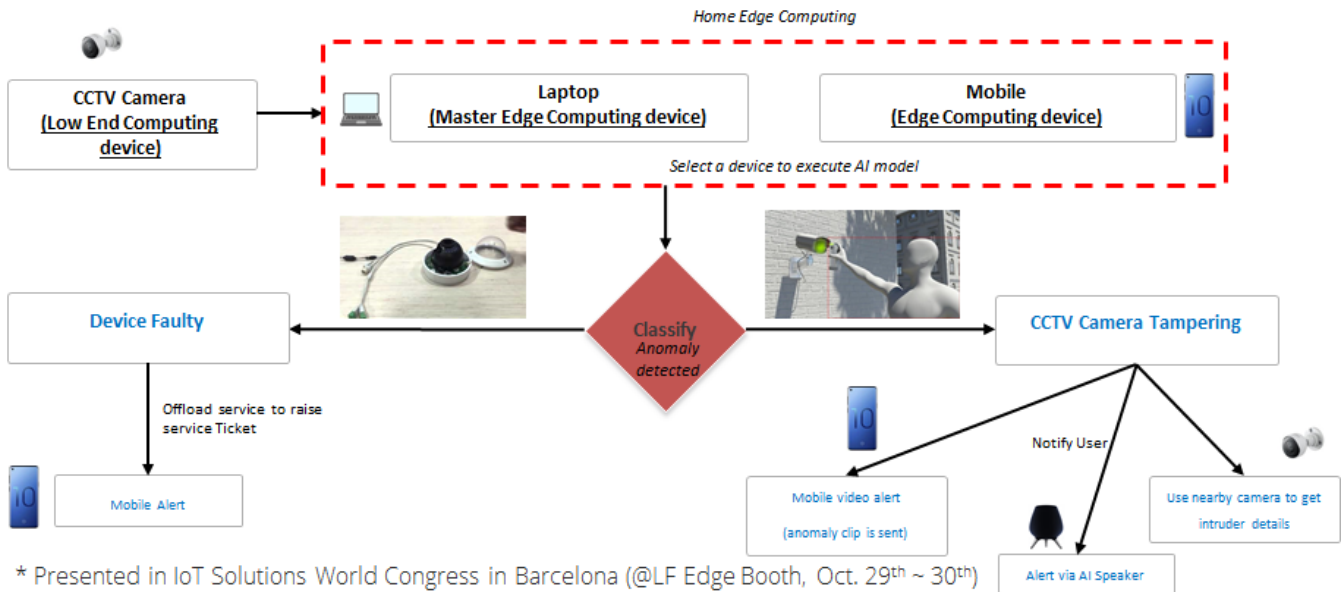# Anomaly Detection - IOT SWC Barcelona 2019

[1] **Surveillance camera tampering** : Offloading of video analytics service computation from low to high computing device.

[2] **Unsupported video playback:** Offloading of video conversion from low to high computing device.

Home Edge devices can extend services through offloading of computation by sharing capability of connected devices.

Home Edge Computing

CCTV Camera (Low End Computing device) → Laptop (Master Edge Computing device) | Mobile (Edge Computing device)

Select a device to execute AI model

Classify *Anomaly detected*

Device Faulty — Offload service to raise service Ticket → Mobile Alert

CCTV Camera Tampering — Notify User → Mobile video alert (anomaly clip is sent) | Alert via AI Speaker | Use nearby camera to get intruder details

* Presented in IoT Solutions World Congress in Barcelona (@LF Edge Booth, Oct. 29th ~ 30th)