

# SmartM2M; Scenarios for evaluation of oneM2M deployments

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## Executive summary

The present document proposes three use cases scenario of IoT systems specially selected and defined for representing situations where a modelling and an analysis of the application performances is mandatory. These uses cases are compliant with the oneM2M standard. They will serve to define a data and a behavioural model for an evaluation of the application but also the deployment on a oneM2M implementation. The first use case is currently deployed in a smart campus environment, the second is a generic one that highlight IoT application with event-triggered and time-triggered characteristics. The last one is a traffic light control system with synchronization features. For all of them, we have identified specific temporal and behavioural constraints to be verified and Key Performance Indexes that have to be verified.

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