



## CHALLENGE #7

### ERAU-IOT-01

#### Internet of dependable and controllable things

Meet the expectations of this US Node through the technology challenge described below



## GOALS

Develop enabling technologies towards a vision of an “Internet of Dependable and Controllable Things” while preserving the enormous potential benefits.

## DETAILS

IoT devices sense and communicate information, and in some cases act upon that information. Their rapid emergence brings the promise of important new benefits to consumers and opportunity for huge economic growth. However, it also presents important challenges in security, safety and privacy.

## SKILLS REQUIRED

Fundamental concepts of wireless communication; 802.11 standards and protocols; Linux networking concepts; Software-defined networking concepts; Linux Kernel development; C/C++, Python.