

WPAN/LPWAN IoT Archi.



Composante
École Nationale
Supérieure
d'Électrotechnique
d'Électronique
d'Informatique
d'Hydraulique
et des
Télécommunications

En bref

> **Code:** N9EN01C

Présentation

Objectifs

In-depth understanding of the key challenges facing access networks for IoT, including energy efficiency, synchronization, scale, etc.

In-depth understanding of LPWAN and WPAN: two key architectures for connecting objects to the internet.

A critical analysis of the main standardized solutions in the LPWAN/WPAN architectures, including LoRaWAN, Sigfox, Bluetooth, etc.

A critical analysis of 5G, its key requirements, architectures and standards.