



Progettazione di una caldaia intelligente

Technological Infrastructures For Data Science



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A decorative graphic on the left side of the slide consists of a cluster of hexagons in various shades of blue and cyan. Some hexagons contain icons: a thumbs-up, a lightbulb (the largest and most prominent), a smartphone, a magnifying glass, a gear, and a speech bubble. A network-like icon with a central node and radiating lines is also visible.

L'IDEA

Il progetto prevede la creazione di un **sistema di coordinamento centrale** che, basandosi sui dati provenienti da un **sensore di temperatura** simulato, possa dialogare tramite protocollo **MQTT** con una **caldaia** presente in un ambiente domestico in modo tale da poter regolare l'accensione e lo spegnimento in modo intelligente.

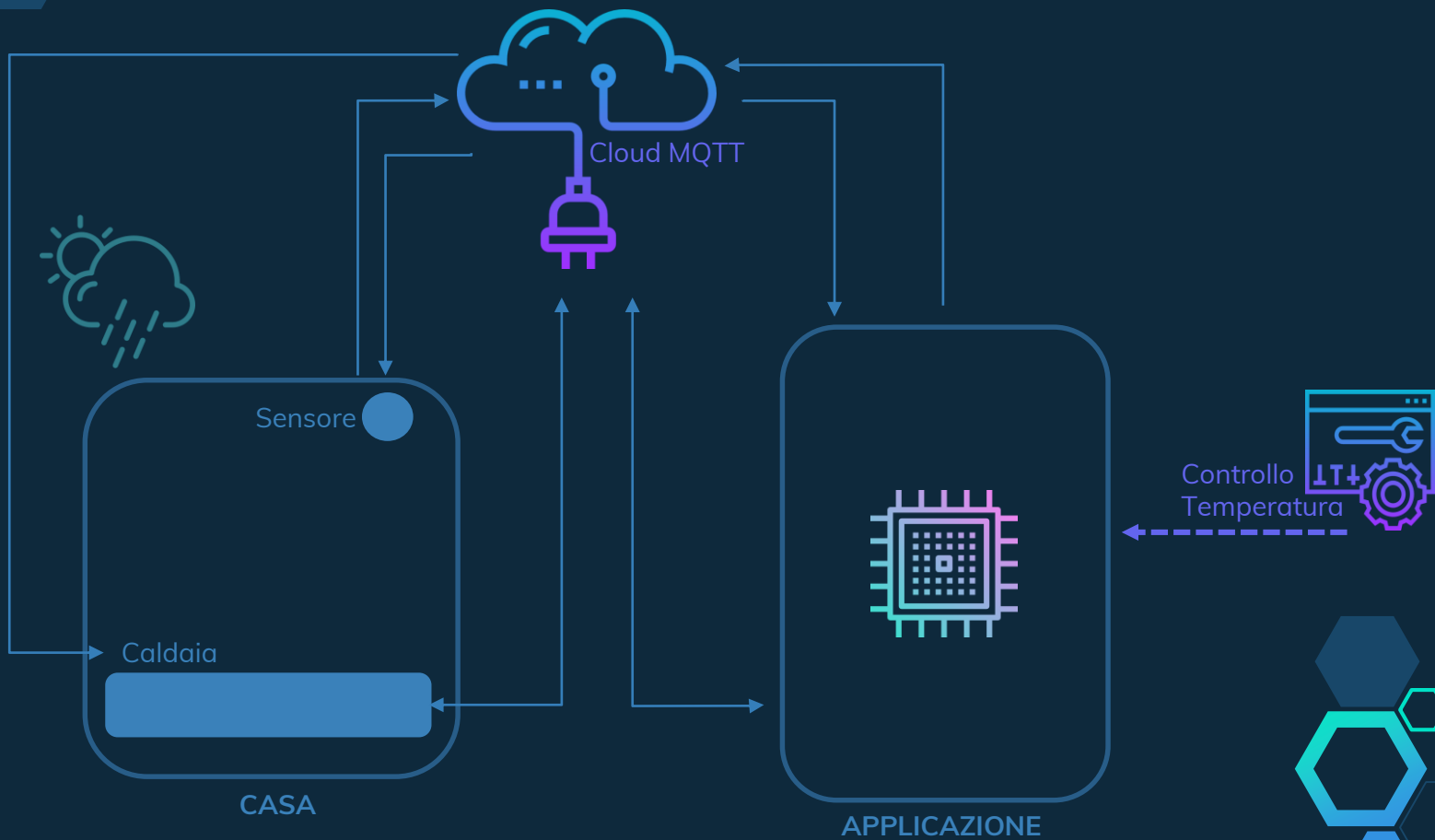
A decorative graphic on the left side of the slide consists of several overlapping hexagons in shades of blue and cyan. Some hexagons contain icons: a thumbs-up, a smartphone, a magnifying glass, a gear, and a speech bubble. The central hexagon is the largest and contains a white icon of a wrench and gears.

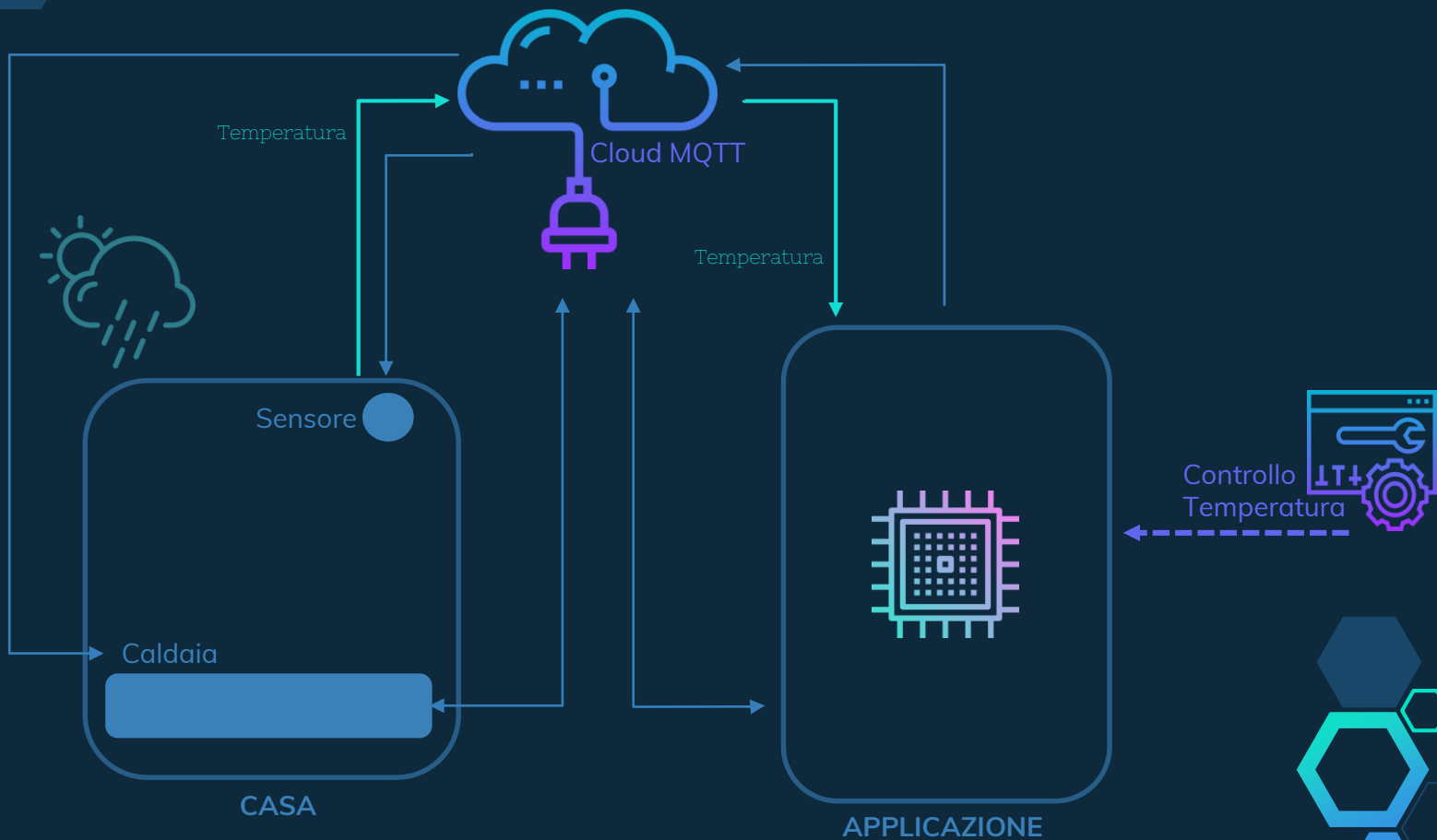
LE VARIABILI

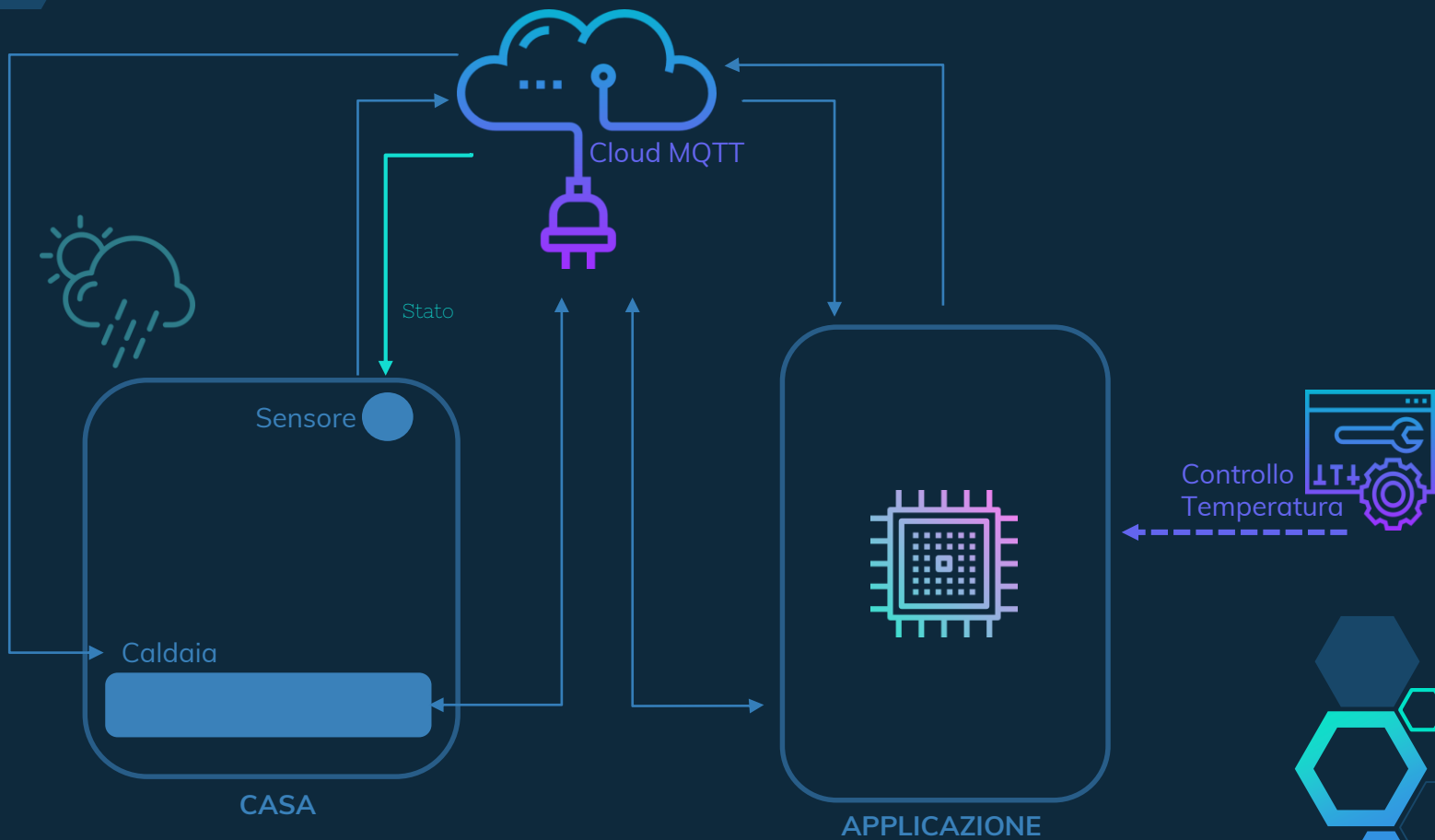
- Temperatura esterna
- Temperatura interna all'abitazione
- Stato della caldaia
- Temperatura da raggiungere
- Tempo di attesa



GLI AMBIENTI









Grazie

