



# TaRDIS

## Discover TaRDIS use case: INTELLIGENT HOMES



[project-tardis.eu](https://project-tardis.eu)



[info@project-tardis.eu](mailto:info@project-tardis.eu)

## CONCEPT

The smart home paradigm usually includes a **range of highly heterogeneous devices** designed to work together as a **swarm**, through **artificial intelligence (AI)** algorithms, to assist us and make our lives more comfortable.

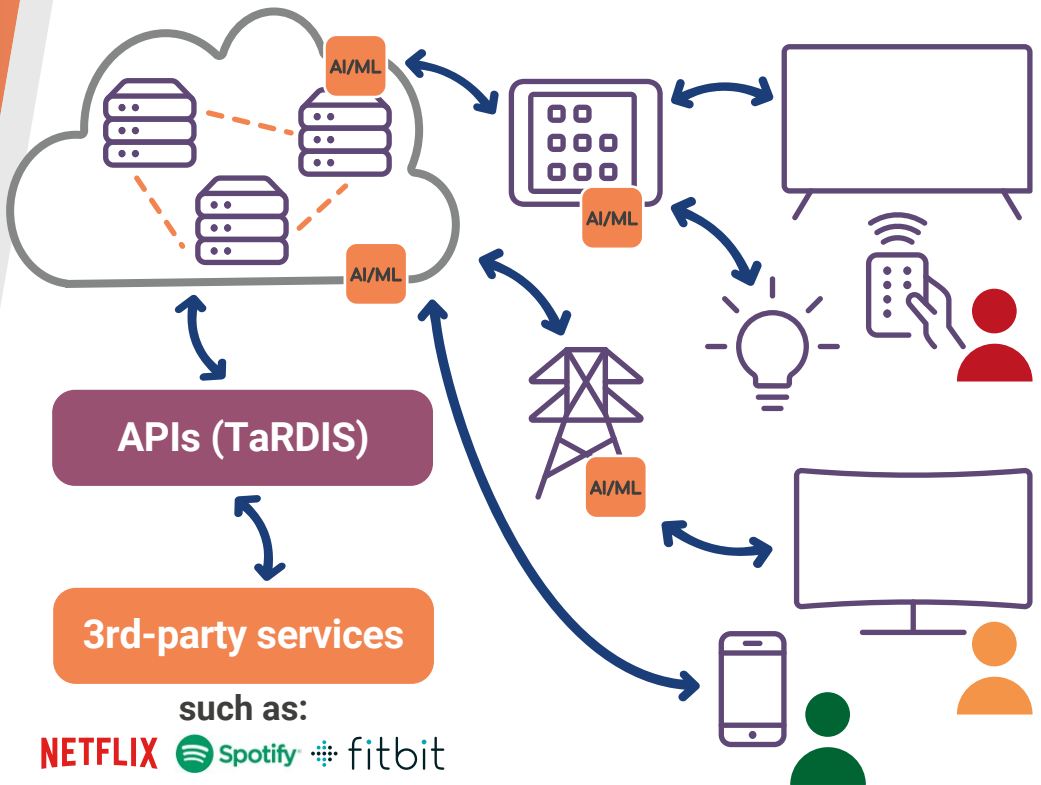
Common concerns in this setting include the privacy of personal information and the heterogeneity of computational resources.

## BENEFITS

TaRDIS toolkit will be used to abstract the infrastructure, data distribution, and learning algorithms from the developer.

The benefits are:

1. Collaborative intelligence irrespective of heterogeneity in local data, resources, user behaviour, learning goals, among others;
2. A correct-by-design development environment implementing privacy-preserving solutions without the need to consider the underlying heterogeneity.





# Trustworthy And Resilient Decentralised Intelligence For Edge Systems



Learn more about TaRDIS on our website:



[project-tardis.eu](https://project-tardis.eu)



Funded by  
the European Union



[@tardis-project](https://www.linkedin.com/company/tardis-project)



[@TARDIS\\_eu](https://twitter.com/TARDIS_eu)