

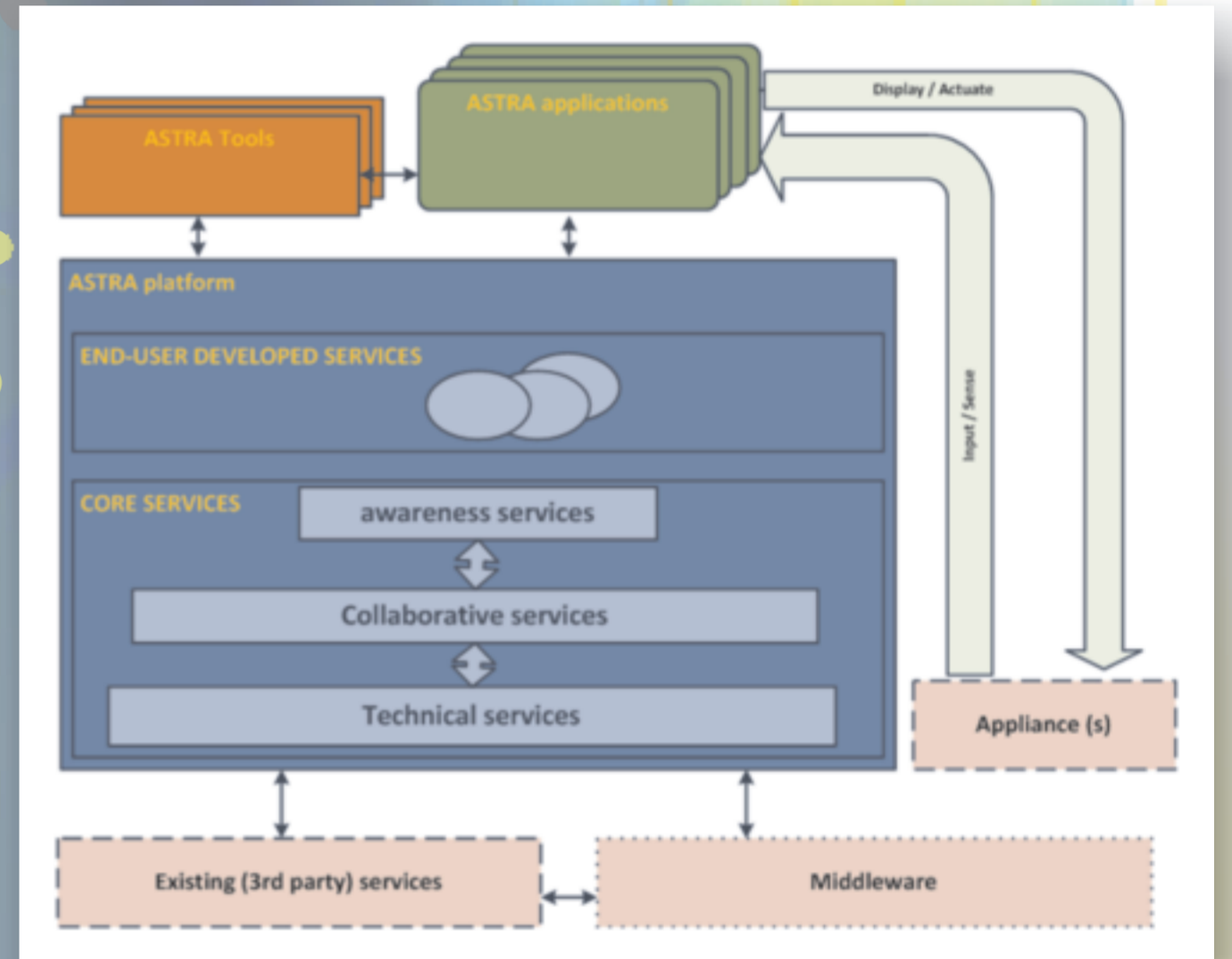
# Awareness Services and Systems - towards Theory and Realization



# astra

## Project baseline

The aim of ASTRA project is to define a framework for supporting the conception and the design of Pervasive Awareness systems, specifically those that are intended to support social relationships. The envisaged framework consists of theories and technological solutions, in order to develop a theory to guide the design and the evaluation of Pervasive Awareness systems for supporting social communication. In addition the project develops a platform based on a Service Oriented Architecture, tools and applications that can support communities to create, adapt and appropriate Pervasive Awareness systems.



## Project objectives

- The project pursues five specific objectives:
1. Develop an integrated "theory of connectedness and awareness".
  2. Develop a descriptive model and a design theory/framework for awareness mechanisms.
  3. Design an integrated service oriented architecture and implement a platform for supporting end-user development of awareness systems.
  4. Design and develop a set of tools that will support the composition of awareness applications by end-users.
  5. Develop proof-of-concept awareness applications by end-user communities using the experimental ASTRA technology.

