

“An Enabling Technology for Smarter Cities and Smarter Industries”

The OpenIoT project will facilitate the use of sensors in ICT based services for Smart Cities, Manufacturing and Agriculture.

In the Future Internet, everyday objects, machinery and items will always be connected to the Internet, and thus they can communicate their status, receive instructions and be managed remotely. The applications that this could enable are infinite.

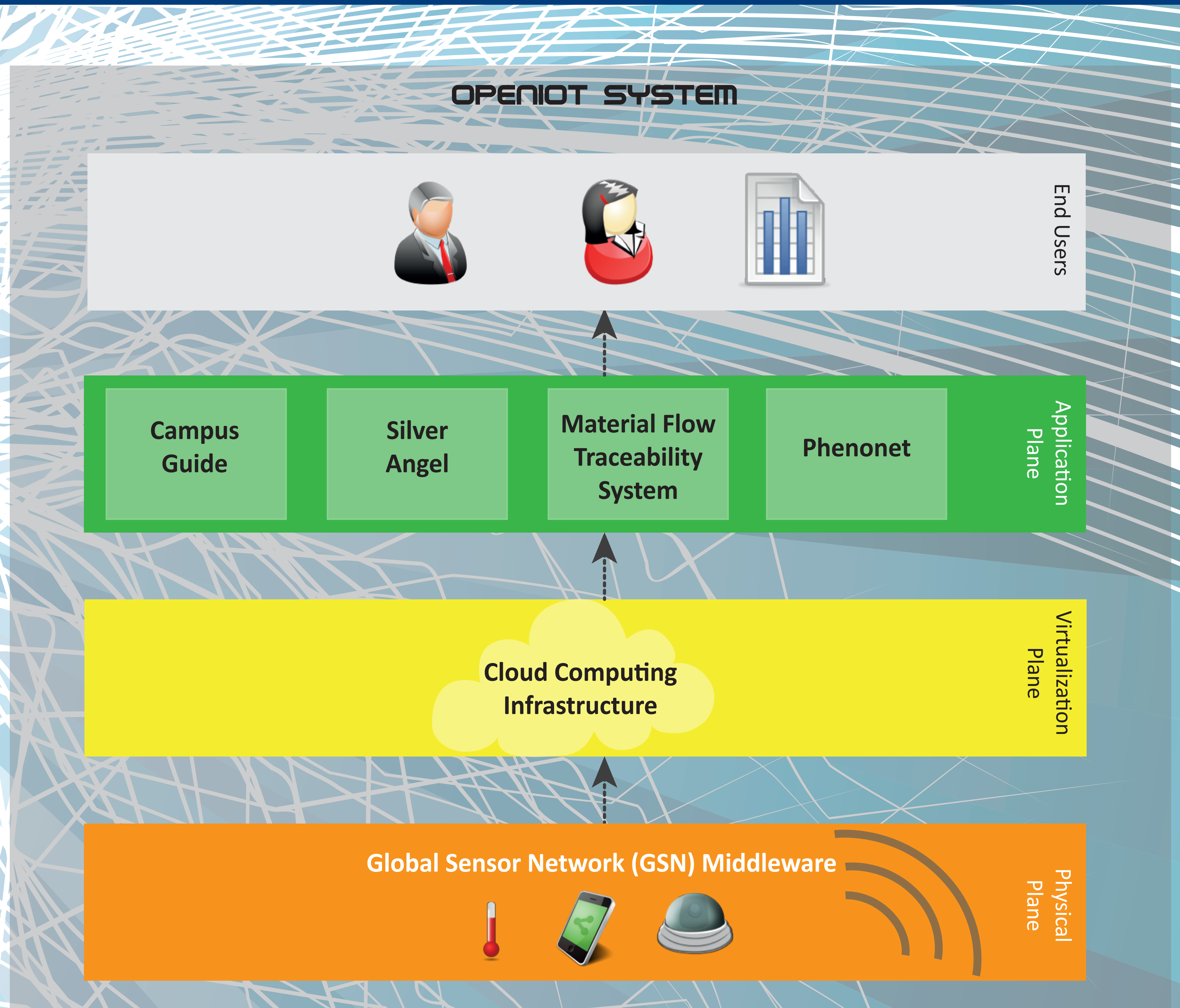
Cloud computing refers to using storage and computing power without having to worry where these are physically located. It is a style of computing in which IT-related capabilities are provided "as a service".

OpenIoT aims to combine Internet-Connected Objects and Cloud Computing to enable ICT companies to easily create smart sensor-based service solutions. The project will research and develop an open technology platform for such applications.

Technology Advances:

- Interoperable Connected Objects
- Linked Sensor Data
- Pay-as-you-go IoT Services
- Utility-driven Privacy
- Queries without programming

OpenIoT is an international joint effort of seven well-renowned partners, including the Global Sensor Network and AspireRFID open source projects.



USE CASES



Campus Guide: Find, trace, meet and manage people and equipment at University



Silver Angel: Give peace of mind to elderly and their relatives living in a Smart City



Material Flow Traceability System: Monitor production and Key Performance Indicators in factories



Phenonet: Improve yield by more precise crop selection