

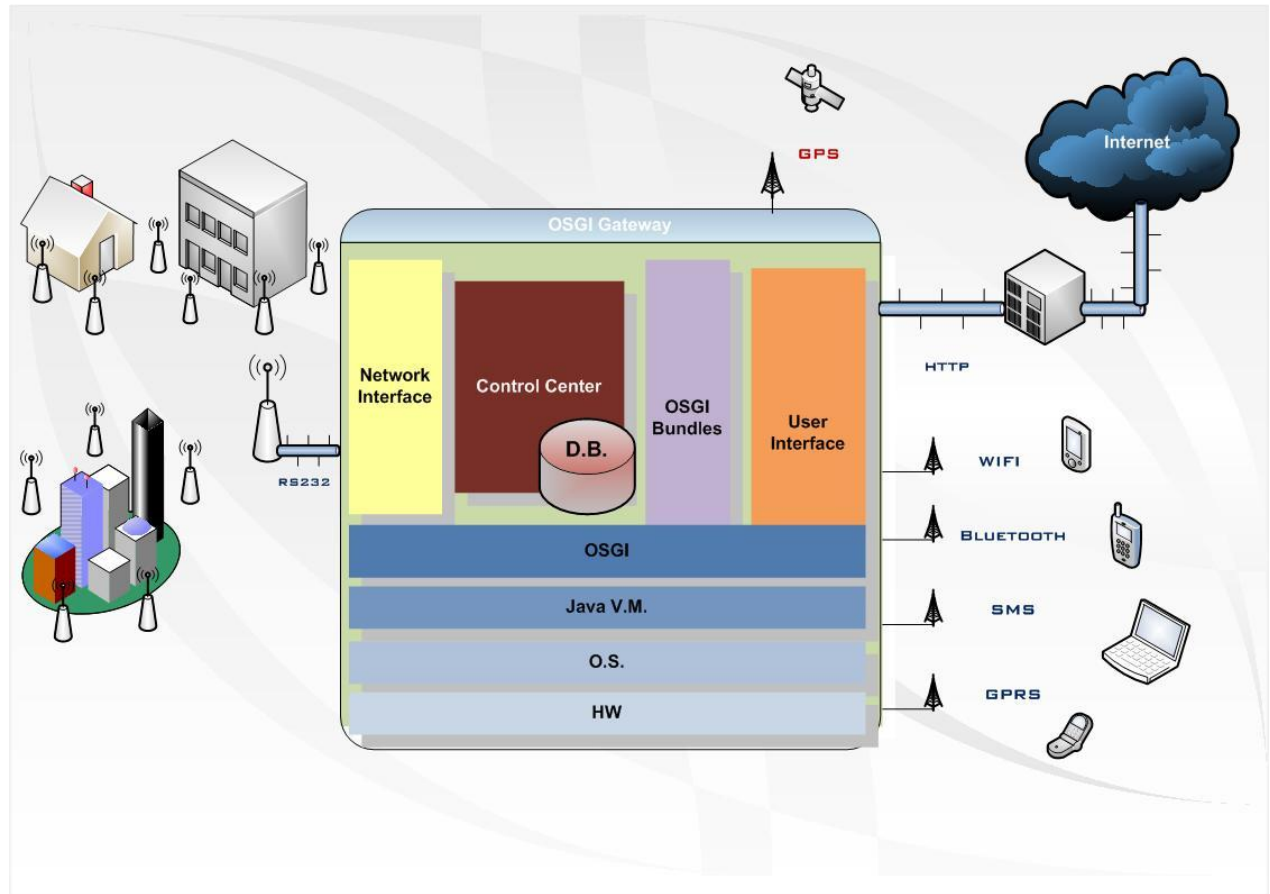


City Services Presentation



Ambient City Services

- Sampas (TR)
- Prodevelop (ES)
- Telvent (ES)
- AICIA (ES)





Components and Technologies

Open Source Ambient Intelligence Commons

- Technical challenges
 - Integrate low level device technologies with server-based services.
 - Balance different platforms (embedded, mobile, servers, ...).
- Used technologies
 - Geospatial interoperability (OGC's WMS, WMS-C, WFS, ...).
 - OSGi 4.2.
 - Sensor networks + ZigBee, WiFi, bluetooth, ...
 - LBS (GPS, ...)
- OS@ml Commons
 - Location component (mobile and server-based) has been identified



Use case Scenarios

- User stories
 - Wireless sensor networks monitoring environment
 - Public access to geo-spatial-related city services
- Business case
 - Contamination monitoring
 - Intelligent city government
- Innovations
 - Integrate sensor networks with OSGi bundles following the OSAmI architecture for monitoring and controlling different pluggable sensors from a city central service.