

LifeWatch

e-Science European Infrastructure
for Biodiversity and Ecosystem Research



ATTIVITA' IN CORSO & PRIORITA' STRATEGICHE



CENTRO SERVIZI

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CONFERENZA ANNUALE LIFEWATCH ITALIA

Biblioteca della Accademia Nazionale delle Scienze

16 Dicembre 2015 ROMA



Service Centre ICT Architecture

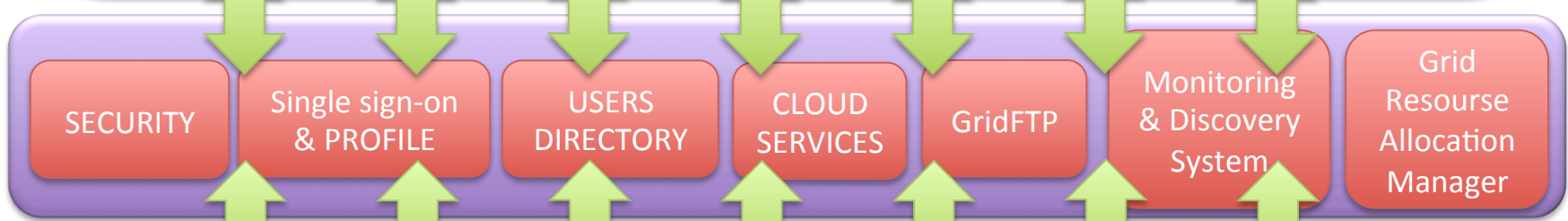
FRONT OFFICE

APPLICATION LAYER

BACK OFFICE



CORE LAYER

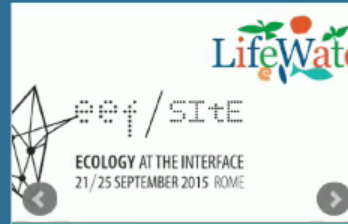




Open research data & data

18-19 November Bologna | 20 November Venice What is the value of sharing data in the Open Science framework? How can I make open my work and data?...

[Read More →](#)



Meet us @ EEF/SiTE

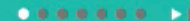
Meet Lifewatch at the 2018 European Ecological Federation and Società Italiana di Ecologia joint conference which will be held in Rome from 21...

[Read More →](#)

Common Facilities

- > Statutory Seat
- > Service Centre
- > LW R&I Centre

Distributed Centres



Resources & Services



Virtual Labs

In this section you will access the catalogue of virtual laboratories provided by Lifewatch.
Access our virtual laboratories



Data Portal

In this section you will access the catalogue of resources provided by Lifewatch.
Access our resource catalogue



Catalogue of Services

In this section you will access the catalogue of services provided by Lifewatch.
Access our service catalogue



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Goals

In order to support the **E-Biodiversity Research Institute** and to overcome the weakness of **fragmentation of knowledge and lack of actual availability of existing data**, from an ICT point of view (but not only ICT), is necessary to give:

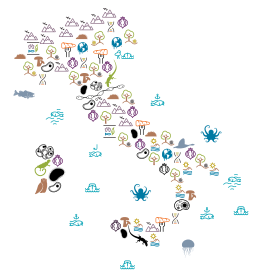
- **Common vision**
- **Common language**
- **Uniform Framework**
- **Standard Solutions**
- **Interoperability (Data and Services)**
- **Reuse and sharing of Resources**



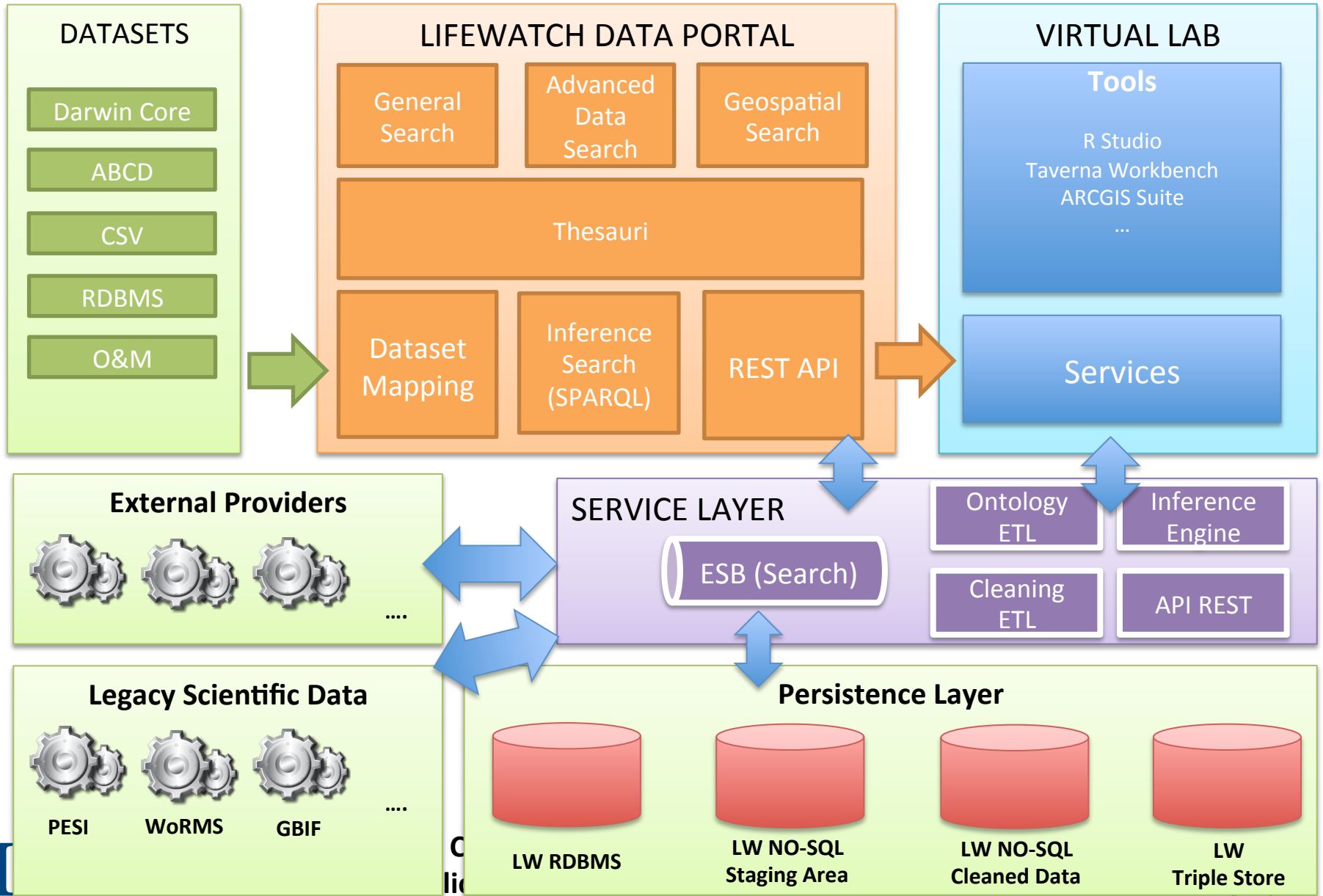
LIFEWATCH REFERENCE MODEL



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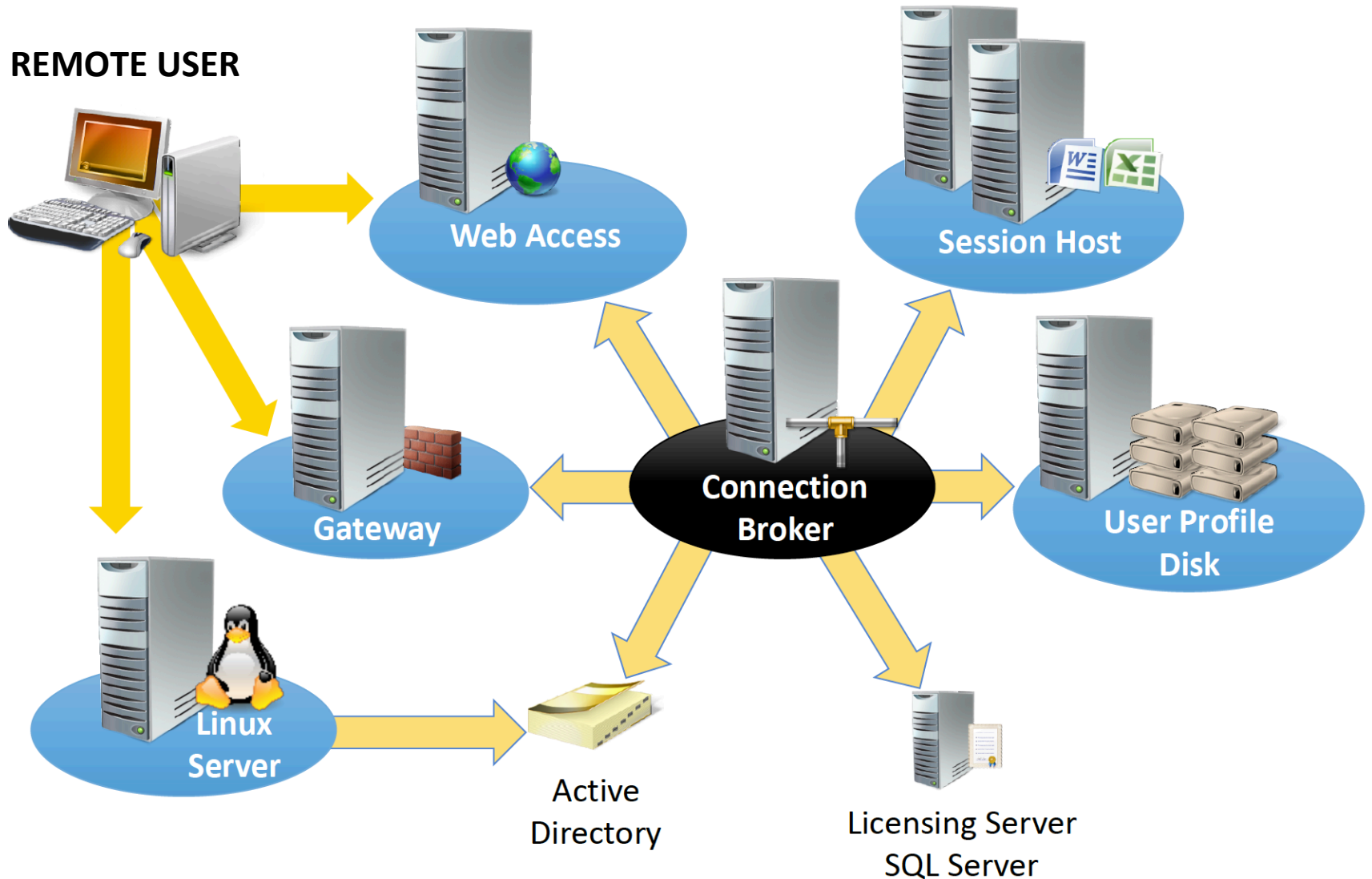


DATA PORTAL ARCHITECTURE

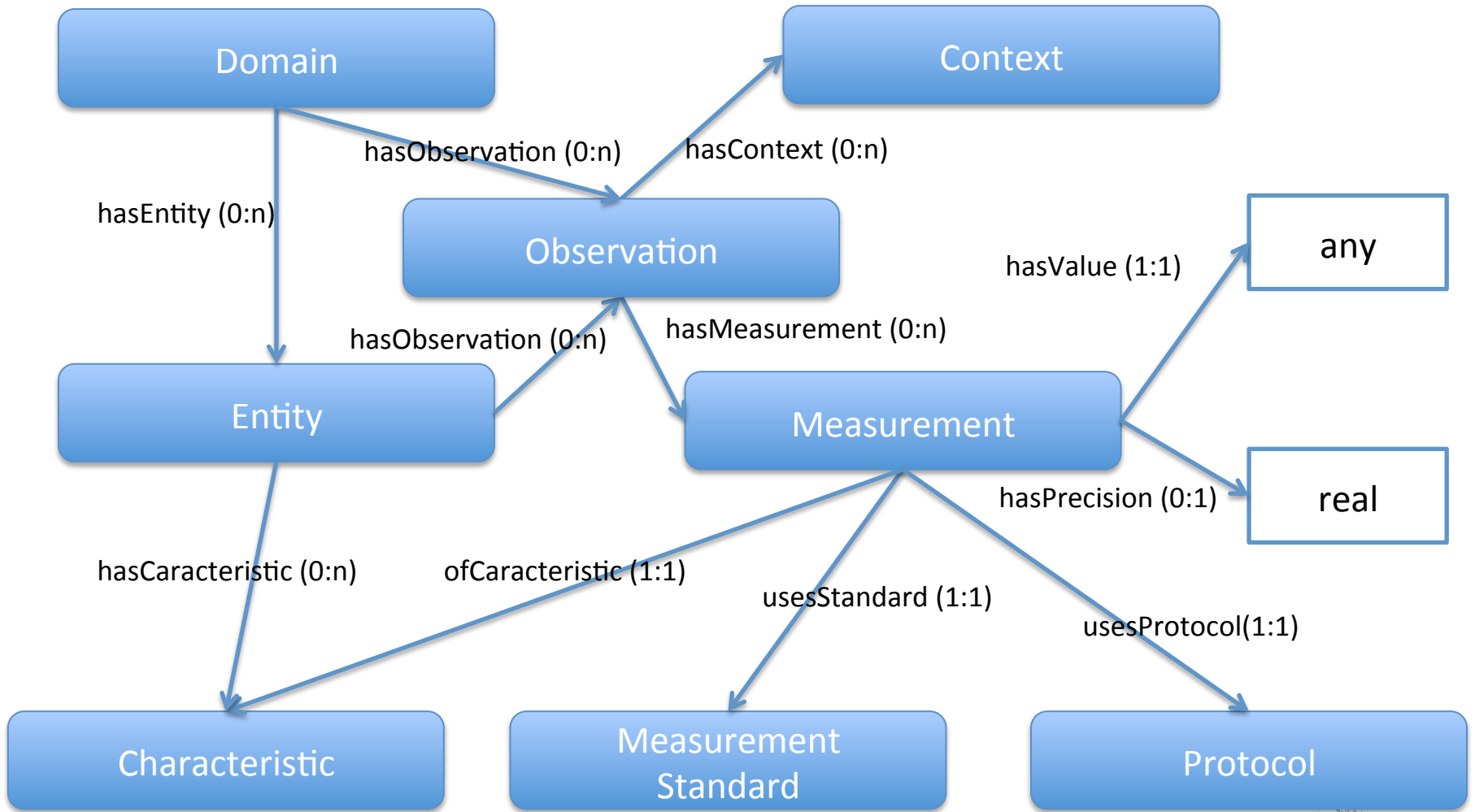


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Service Centre VLab Architecture



LIFEWATCH REFERENCE MODEL CORE ONTOLOGY





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