

Ubisense Smallworld Pedigree

With 40 consultants dedicated to the Smallworld technology suite in North America & Europe, Ubisense has one of the leading Smallworld delivery teams. Our consultants each have between five and fifteen years of experience with the Smallworld product suite across a broad range of industries and applications, as well as direct involvement on Smallworld product development teams including Core Spatial Technology, PowerOn, Design Manager, PNI and Cornerstone.

Implementation Options

The standard InSync service offering will create a data model in Oracle which directly matches the data model in your GIS.

There are four implementation options that you can select from:

- One way sync, Smallworld to Oracle, attributes only (Oracle is read only)
- One way sync, Smallworld to Oracle, attributes and spatial (Oracle is read only)
- Two way sync, attributes only (attributes can be updated in Oracle and brought back to Smallworld – normal version management applies for conflicts)
- Two way sync, attributes and spatial (attributes only can be updated in Oracle, not spatial – currently)

Synchronizing attribute data provides you with the ability to run flexible reporting on attribute data in the Oracle environment, where a much greater variety of reporting tools are available. This approach can also be useful for various types of application integration, since it is easier for other applications to query the attribute data in Oracle than in VMDS.

Increasingly there are a variety of spatial applications which work directly against Oracle Spatial, so replicating spatial data in addition to attribute data can be a good mechanism of sharing spatial data between multiple geospatial applications across the enterprise.

This also enables you to use spatial queries in Oracle, for reporting or integration purposes.

Smallworld™ InSync for Oracle

Overview

Smallworld™ InSync for Oracle is a component of Smallworld Core Spatial Technology which can provide major benefits to your enterprise for a very low cost, through the Ubisense InSync implementation service. InSync provides a robust way to maintain a synchronized copy of all data which is stored in your Smallworld VMDS database within Oracle, where it can be much more easily accessed by a wide variety of applications. Smallworld VMDS is the market leading technology for highly scalable interactive graphical applications against large geospatial data sets – in our experience it is orders of magnitude more scalable than anything else on the market. However, VMDS is heavily optimized for certain types of operation and Oracle has a number of advantages in other areas. One significant attraction of Oracle is that it can be accessed by a much larger number of third party tools than VMDS can, and it also provides much better capabilities for ad hoc queries and reporting. Use of InSync enables you to get the best of both worlds, and use both VMDS and Oracle for the things that they are good at. For a very small incremental investment, InSync opens up your Smallworld system to provide significant benefits.

Scope of offering

Depending on the complexity of your data model, and the extent that you want us to be involved in testing and roll-out of the implementation, a standard InSync implementation with modest customization can typically be done in 2-3 weeks.

About Ubisense

Ubisense is the world leader in Precise Real Time Location Systems, tracking unlimited numbers of people and objects in any space of any size. With unmatched 15cm 3D tracking accuracy and high reliability, its acclaimed open standards technology platform gives enterprises the power to bring visibility and control to previously intractable business processes. Together Ubisense consulting and its partners, such as IBM, Atlas Copco, Lockheed Martin and Raytheon deliver geospatial and RTLS systems, pioneering innovation whilst reducing costs, gaining competitive advantage and improving safety for companies across all vertical markets. With over 400 customers worldwide including BMW, Caterpillar, DHL, Duke Energy, Deutsche Telekom, US Army; Ubisense is revolutionising industries today. Visit www.ubisense.net

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