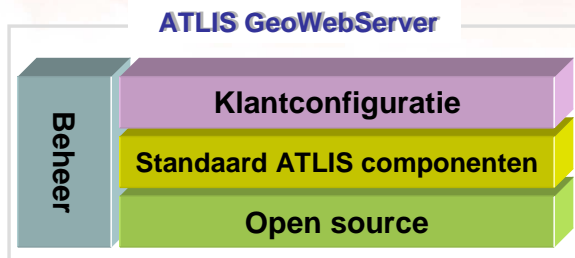


ATLIS GeoWebServer

There is an ever growing demand for sharing map related information on an enterprise level. It is a challenge to enable access of this information by means of a web browser. The ATLIS Geo Web Server (AGWS) offers rich browser functionality for accessing map related geographical and administrative information. In addition, the user interface of the web browser client has the look and feel of a conventional client and is therefore highly user friendly. This is achieved by combining the best open source frameworks, open standards and standard components. By configuring AGWS specifically for the desired use of it, the solution exactly meets the demands of the end users. Maintenance is an integral part of AGWS and ensures an technical up to date server. AGWS is OGC and INSPIRE compliant and integrates seamlessly with the desired Spatial Data Infrastructure.

GeoWebServer

AGWS is a Geo Web Server consisting of both open source frameworks and standard



components developed by ATLIS.

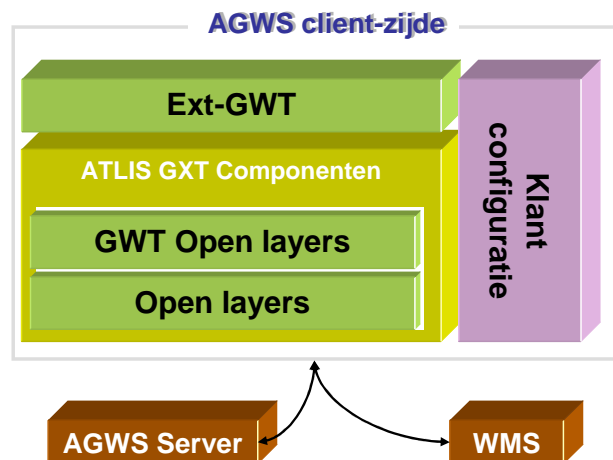
The configurable server architecture meets all the user requirements providing the flexibility of a complete customised solution but with just the costs of a commercial of the shelf product. Being OGC and INSPIRE compliant and by using state of the art web service technology, integration with the desired the spatial data infrastructure is a fact.

Open source without worries

The advantages of open source frameworks are obvious. AGWS is therefore based on these frameworks. The usual disadvantages of open source are not applicable to AGWS. Issues like not completely fulfilling the functional requirements and the end of life of an open source initiative are resolved by the use of ATLIS components and the standard maintenance for AGWS. The standard components developed by ATLIS the flexible configuration of these components make sure that the required functionality is met. Maintenance is part of AGWS and takes care of replacing out dated frameworks and components with up to date replacements.

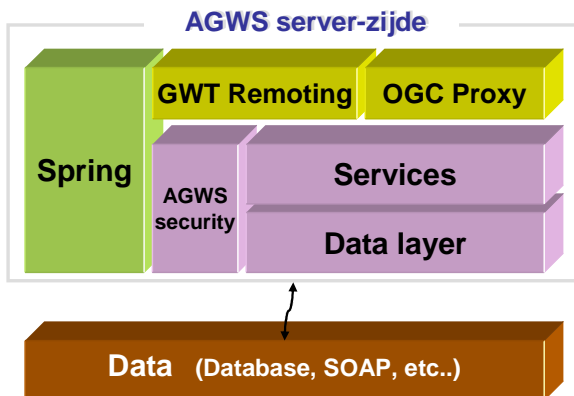
Technology

The AGWS architecture enables the combination of frameworks, components and configuration flexibility. In order to give the user the look and feel experience of a standard client application when using the web browser, AJAX technology is used. On the client side the open source frameworks Ext-GWT, GWT-OpenLayers and OpenLayers are currently used. ATLIS has developed standard components which considerably enrich the functionality of these frameworks



and components. The client side can be adapted and customised in order to meet the exact end user requirements. The client side communication is based on internet technology. The client side can also communicate directly with external OGC compliant services. This way, the geo-information from external services can be combined seamlessly with the internal information sources.

The server side is based on the Spring framework, Geoserver and open source based components like GTW remoting and WMS proxy.



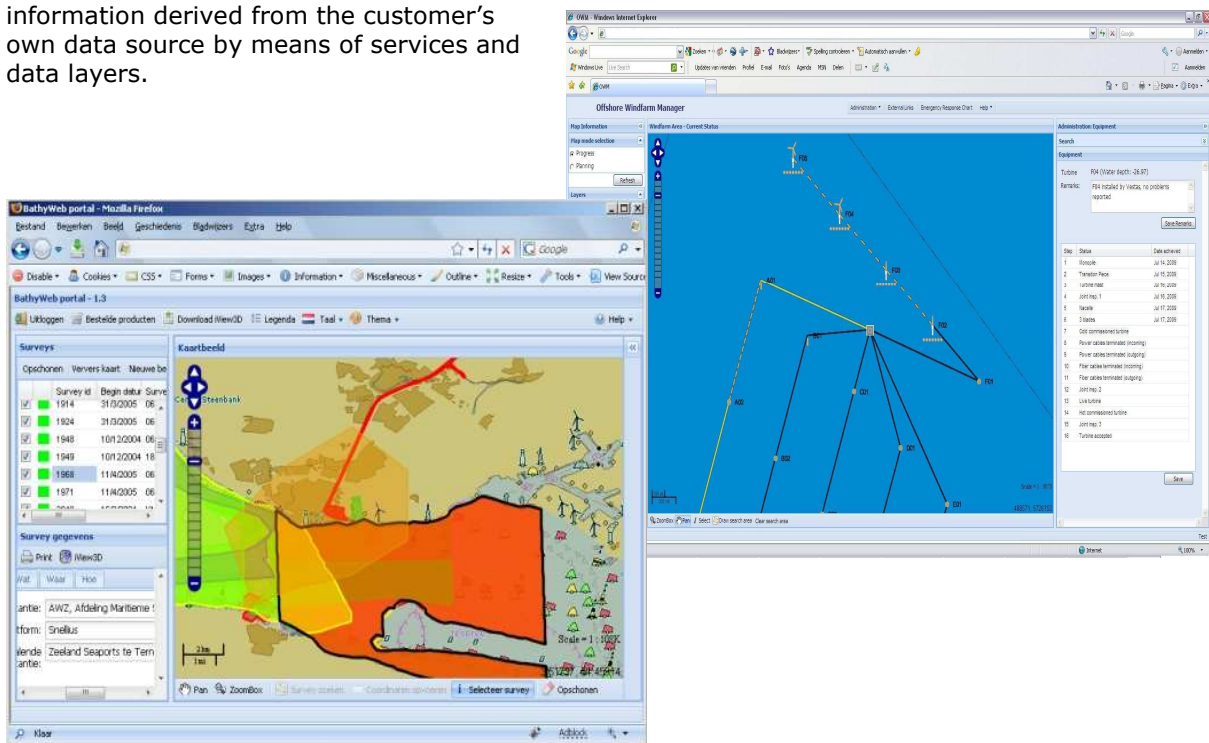
The server can provide specific user information derived from the customer's own data source by means of services and data layers.

Examples of Implementation

AGWS is an elementary part of SENS Distribution. SENS Distribution selects, defines, produces and distributes hydrographic and bathymetrical products based on geographical criteria. Part of the customer base of SENS Distribution are the Norwegian Hydrographic Service and the European Commission. AGWS is also the core of The Offshore Wind Farm Manager used for managing offshore windmill farms.

An Enterprise solution

Due to the applied web service technology, adoption of OGC and INSPIRE standards and the use of smart components and frameworks, ATLIS GeoWebServer is a future proof and state of the art solution serving the entire enterprise.



Further Information

Please visit www.atlis.nl or contact our commercial manager directly via:

ATLIS

Kosterijland 78
 3981 AJ, Bunnik, Nederland
 tel: +31 30 602 00 70
 fax: +31 30 602 00 80
 email: info@atlis.nl