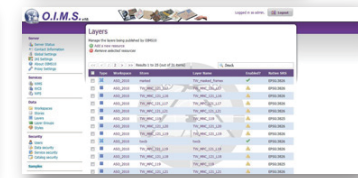
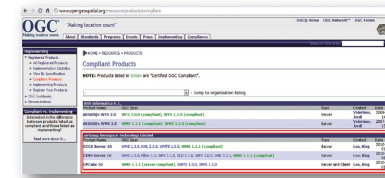
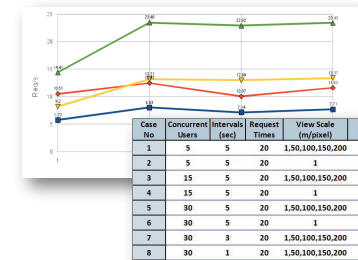
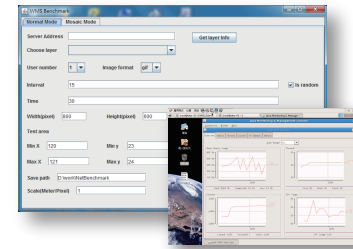


## Key Features

- Supposed to be installed both on 64-bit windows OS and Redhat Linux, CentOS Linux.
- Based on “J2EE” architecture and software load balance mechanism.
- Support Oracle Jrochit R28.1 or latest version runtime environment.
- Image and vector data publishing service must meet the standards of OGC WMS, WFS, WCS and WPS.
- Support the map-styling protocol and styling content editing interface for OGC SLD(Styted Layer Descriptor).
- Support to connect the metadata international standards between ISO/TC211 and FGDC.
- Support publishing the remote sensing of 16 bits, 12 bits and 8 bits image format.
- Support publishing images and vector data onto WMS(Web Map Service) without any procedure of conversion.
- Support interfacing with the back-end storage source image such as SAN storage, NAS cloud storage, converting OGC to WFS, and converting OGC to WMS.
- Support to add watermarks into images and is able to adjust transparency and its position.
- Able to track every trace when using WMS, including tracking IP, and the date & time; memorizing the range and format of downloaded images.
- The Authorization Administration supports four levels of users, roles, service and layers.
- Support the server-side management interface to preview the publishing images, and also support to rotate the previewed images.
- Support publishing the various formats such as Geo-TIFF, TIFF, Geo-JPEG, Geo-PNG, ECW, DTED, JPEG, JPEG2000, ERDAS Imagine, Mr SID, Shape(.SHP),Tab, SVG, GIF, PNG, BIL, USGS SDTS DEM, ASCII DEM.
- Support linking back-end spatial data warehouse such as DB2, Oracle, SQL Server, Post GIS, Arc SDE, MySQL Spatial Extensions provide Storage Management.
- Support to output the image format such as TIFF, PNG, JPEG, GIF, SVG, PDF, GeoRSS, KML.
- Support Google Earth, ESRI Arc Map, Gaia, QGIS to call for WMS.
- Support the ability to browse massive TB image mosaics. Every responding time would less than or equal as three seconds after using the zoom-in, zoom-out and moving-horizontally function. In order to maintaining management convenience and browsing integrity of image frames and image data, it is not allowed to use the methods such as Map Cache and AJAX.
- Support the ability of high-speed computing cluster and heterogeneous data server-side loading balance.
- Support the virtual machine to backup the management structure, and is able to present high-speed computing performance and to deploy the clouding machine group for gaining carbon reduction benefits.
- Support CPU 8 core above operational efficiency.



**OIMS™**  
OGC COMPLIANCE TESTS PASSED



- WCS 1.0
- WFS 1.1.0
- WMS 1.1.1

## SUPPORT CAPABILITIES

- Support all the spatial reference system defined within the latest version of “EPSG-SRS” ,
- Support the transformation for oriented images spatial reference projection coordination system.
- Able to support 16 bits, 8 bits and other remote sensing telemetry image format conversion.
- Provide at least 3 image resampling methods, including nearest neighbor, bilinear, cubic, etc..
- Allow users to edit hues, saturation and brightness of satellite or aerial photos.
- Support to separate different bands of RGB into single GeoTiff file.
- Support the creation and removal of geo-images pyramid from GeoTiff file.
- Support making mosaic frame shape of the index file.

## SUPPORTED FORMATS

- GeoTIFF
- TIFF
- ECW
- PNG
- GIF
- JPEG2000
- JPEG
- DTED
- ASC(ASCII DEM)
- Tab
- GeoJPEG
- GeoPNG
- MrSID
- SVG
- ERDAS Imagine
- BIL
- USGS SDTS DEM
- Shape(.SHP)