

Visual Information Solutions



The information contained in this document pertains to software products and services that are subject to the controls of the Export Administration Regulations (EAR). The recipient is responsible for ensuring compliance to all applicable U.S. Export Control laws and regulations.

Contents

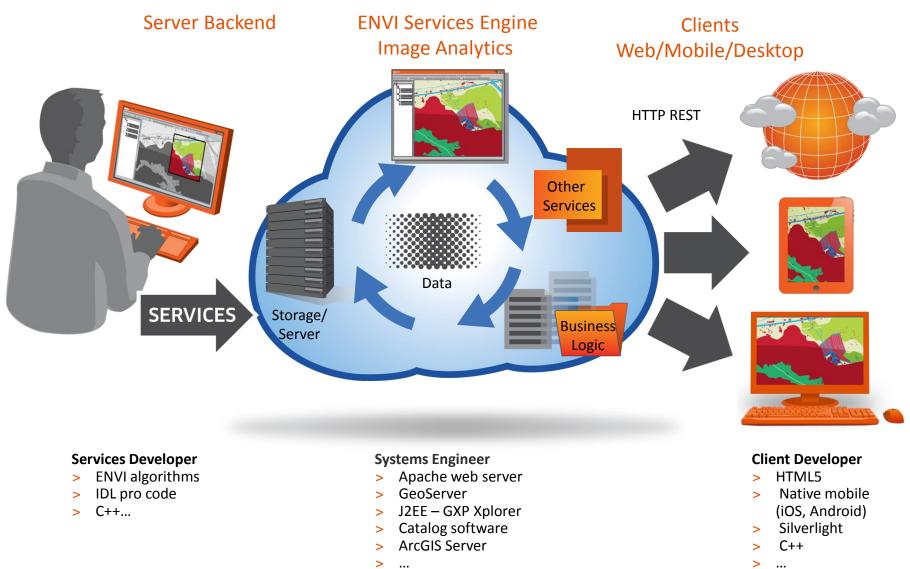
- ENVI Services Engine Overview
- Developing Apps with IDL & ENVI : Landsat prototype
- Take 5 prototyping





Visual Information Solutions

ENVI Services Engine – Overview

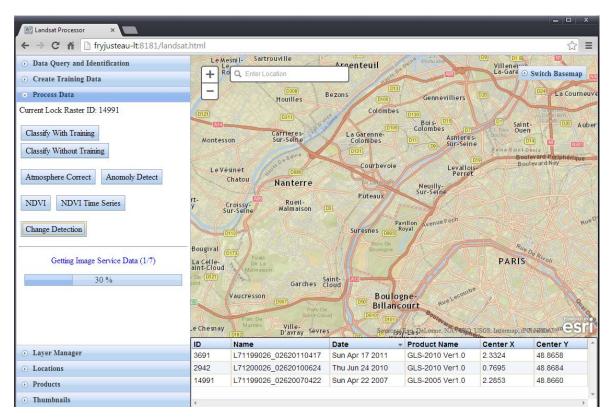


Visual Information Solutions

Developing Apps with IDL & ENVI : Landsat prototype

Apps deployed in the Landsat implementation

- Encapsulate IDL/ENVI functions into discrete solutions.
- Use the deployment engine for on-demand IDL/ENVI processing.
- Operate on data accessed via a catalog implementation.
- Quickly re-purpose existing code.

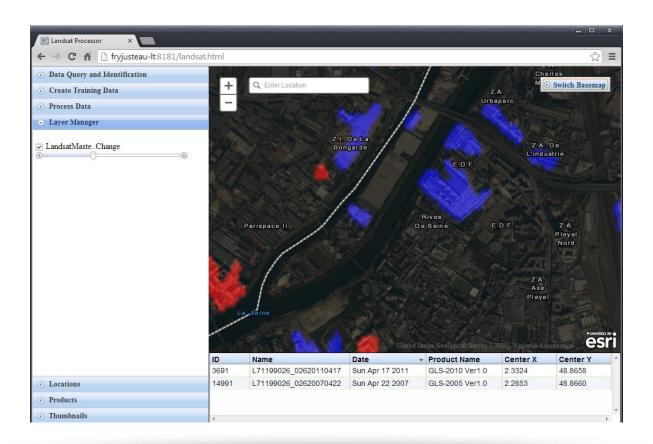




On-Demand Analytics – Web : Landsat prototype

Interactive "Change detection" App launched from browser interface

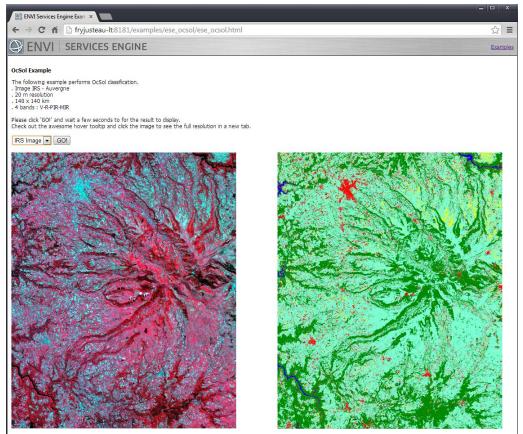
- User selects relevant App.
- Locates AOI.
- Select "before" and "after" images.
- On-demand IDL/ENVI service called.
- Results generated and displayed in a web client.





Build Take 5 prototype using ENVI Services Engine

- Demonstrate an online, on-demand approach to Take 5 data analytics.
- Allows experts to compile and expose their workflows and tradecraft using our prototyping platform.
- Provides the flexibility to integrate into any architecture that can make http calls.
- Takes advantage of open standards allowing for integration with other Apps.
- Emphasizes the use of server side hardware by offloading processing tasks previously performed at the desktop level.







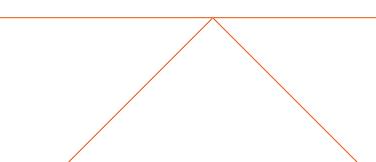
Visual Information Solutions

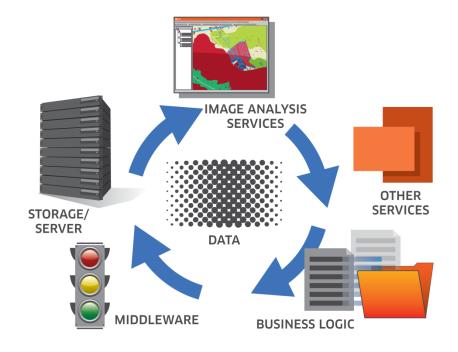
Thank You

Questions & Discussion

yann.justeau@exelisvis.com

www.exelisvis.fr





Scalability and Load Balancing

ENVI Services Engine architecture: Master process and associated worker processes

