Integrating Inspire into one-step process flow

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Main Topics

- Providing continuously up to date INSPIRE data sets, requires a high degree on automation.
- Especially on the themes of annex II and annex III, with their dynamic, such automation is the only way to enable cost effective.
- The idea is to minimize the delay between the internal availability of information and its availability via INSPIRE mechanisms
- We will show it in practise.....
M.O.S.S. at a glance

Profile

- Solution provider
- Founded in Munich 1987, Offices in Essen and Dresden
- About 60 employees in software development, consulting and support
- Main topics
  - Data management for cities, regions and countries
    - Geotopographic data (with focus on 3D)
    - Environmental data
  - Process implementation and automatization (incl. 3rd party products)
  - Individual applications, Web Mapping Services

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novaFACTORY is ...

Tool for

- Production
- Processing (Import, QA)
- Distribution (Export, Services)
- Visualisation of geo-topographical data
- Raster / Vektor Transformation

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At a glance

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System Overview

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- **ArcGIS Server**
- **Database**
- **Workflow – Process Control**
- **External Systems**
  - GDI Services
  - WMS WFS WCS CSW
- **NovaFACTORY**
  - Adminstration GUI

**File System**

**Access**

**Write**

**Control and navigate (c&n)**

**Customer**

**External Systems**

E.g. ...
- HALE
- FME
- .bat

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Meta-Data-Management

**Basics**
- novaFACTORY stores metadata per product and per sheet
- Metadata are supplied as XML during import
- Metadata output with export and can be formatted in a user-specific manner
- Supports CSW
Using Metadata

- Date values can be visualized graphically in novaFACTORY (e.g., image flight date)
- Metadata display via click in graphics
- Comfortable metadata search
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### WEGA...

- Client-based Web GIS
- map navigation „Google-like“
- View WMS and ArcGIS Server data sources
  Inserting your own data sources (client)
- Access Bing Maps and Google Maps
- Measure (line and area)
- Coordinate system change
- "Go to" via Locator service
- Rights and roles via central administration
- Simple Redlining / Advanced redlining (server storage)
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Inspire Request via novaFACTORY
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Outlook & Benefit

- Raster-Vector conversion is fully supported
- Dynamic of Annex II & III are covered
- Automated, time-controlled and event-controlled processes
- Individual, user-oriented alignment of the processes
- Process business data and metadata in one workflow
- Integration into local infrastructure
- Wide range of tools are available (3D, Raster, Vektor, NAS-Toolbox ......)
Thank you for your attention
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