



ELF EUROPEAN
LOCATION
FRAMEWORK

Licensing for the European Location Framework (E.L.F.)

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Licensing challenges

★ Legal and business aspects

Data sharing policies

Open data vs. paid content

Different terms and conditions



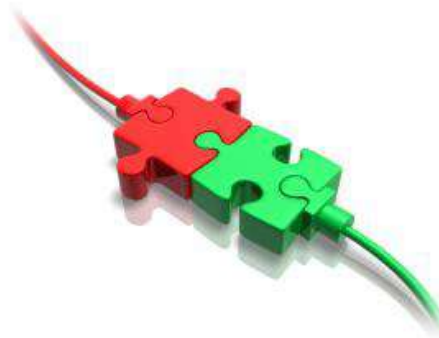
★ Technical aspects

Find and use content

Architecture

Standards

Services



Licensing in ELF

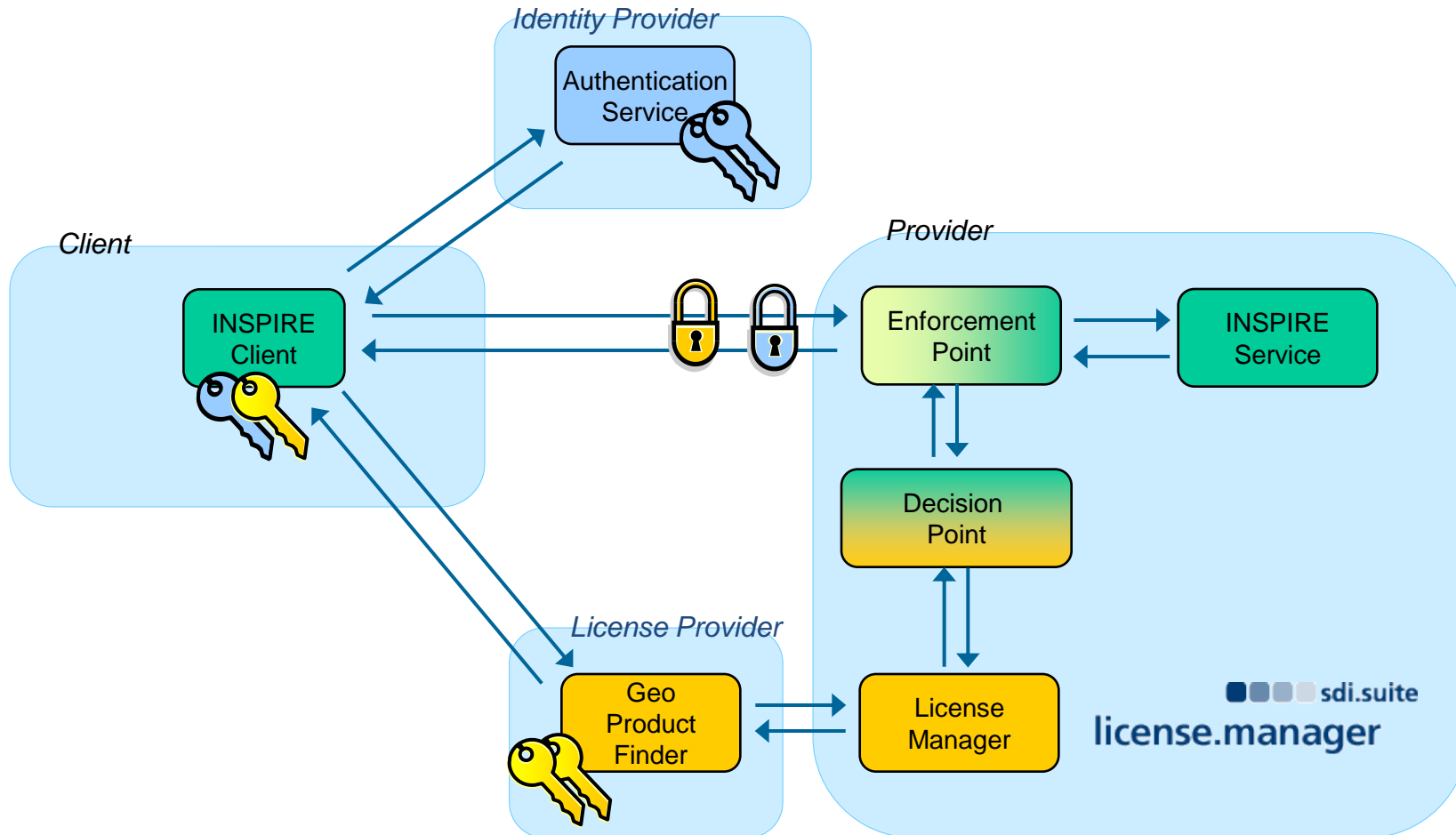
- ★ license.manager is used for defining, organising and applying license and price models for services offered in service-based spatial data infrastructures



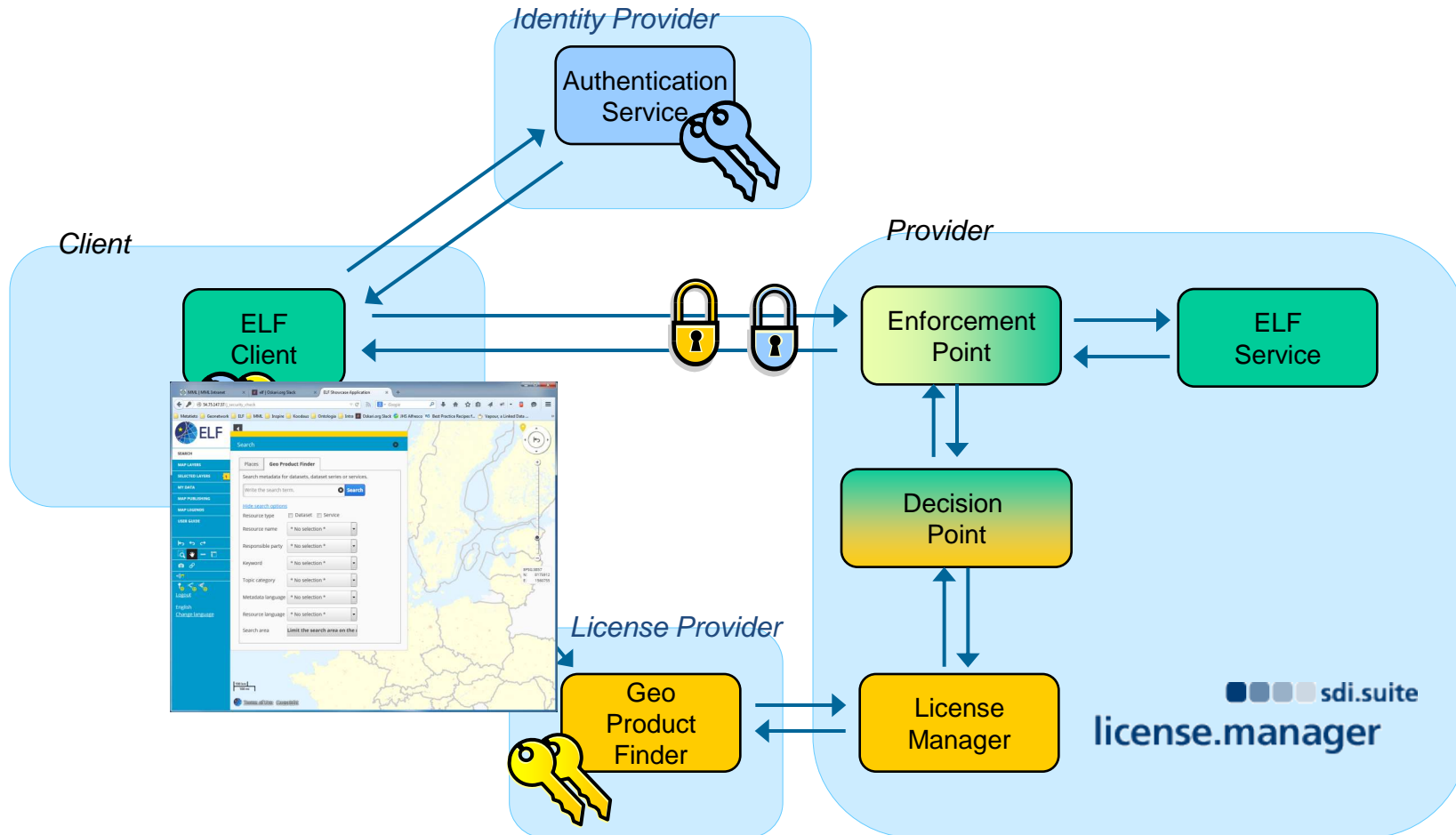
The screenshot shows the login page for the licenseManager application. At the top, there is a header bar with the text "sdi.suite" on the left and the "con terra" logo on the right. Below the header, the word "licenseManager" is displayed. The main content area contains a login form with the following elements:

- A "Log in" button at the top left of the form.
- Two input fields: "User name" and "Password".
- A "Login" button below the input fields.
- A link for "Create new account" at the bottom left of the form.

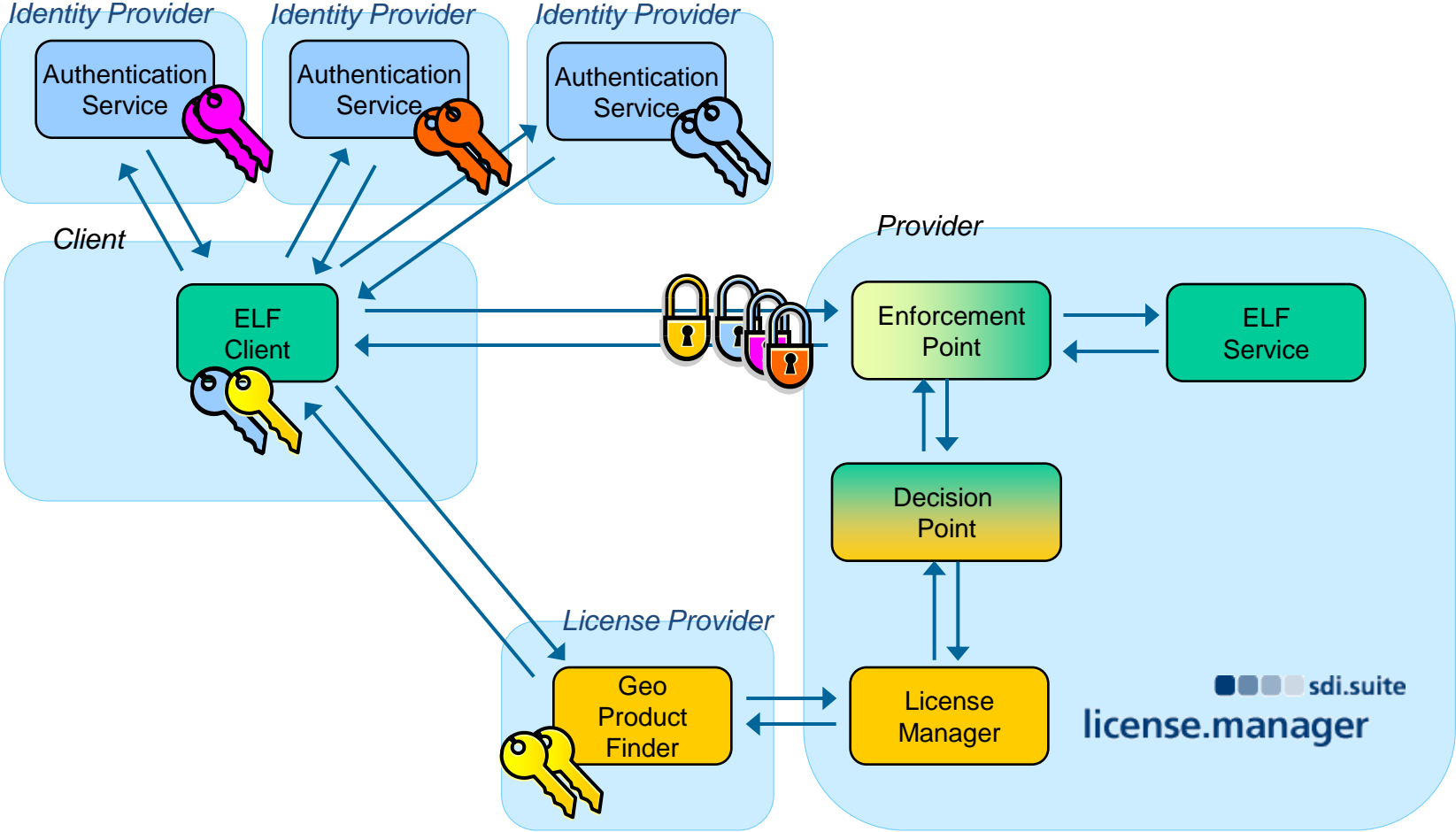
Licensing Architecture – in general



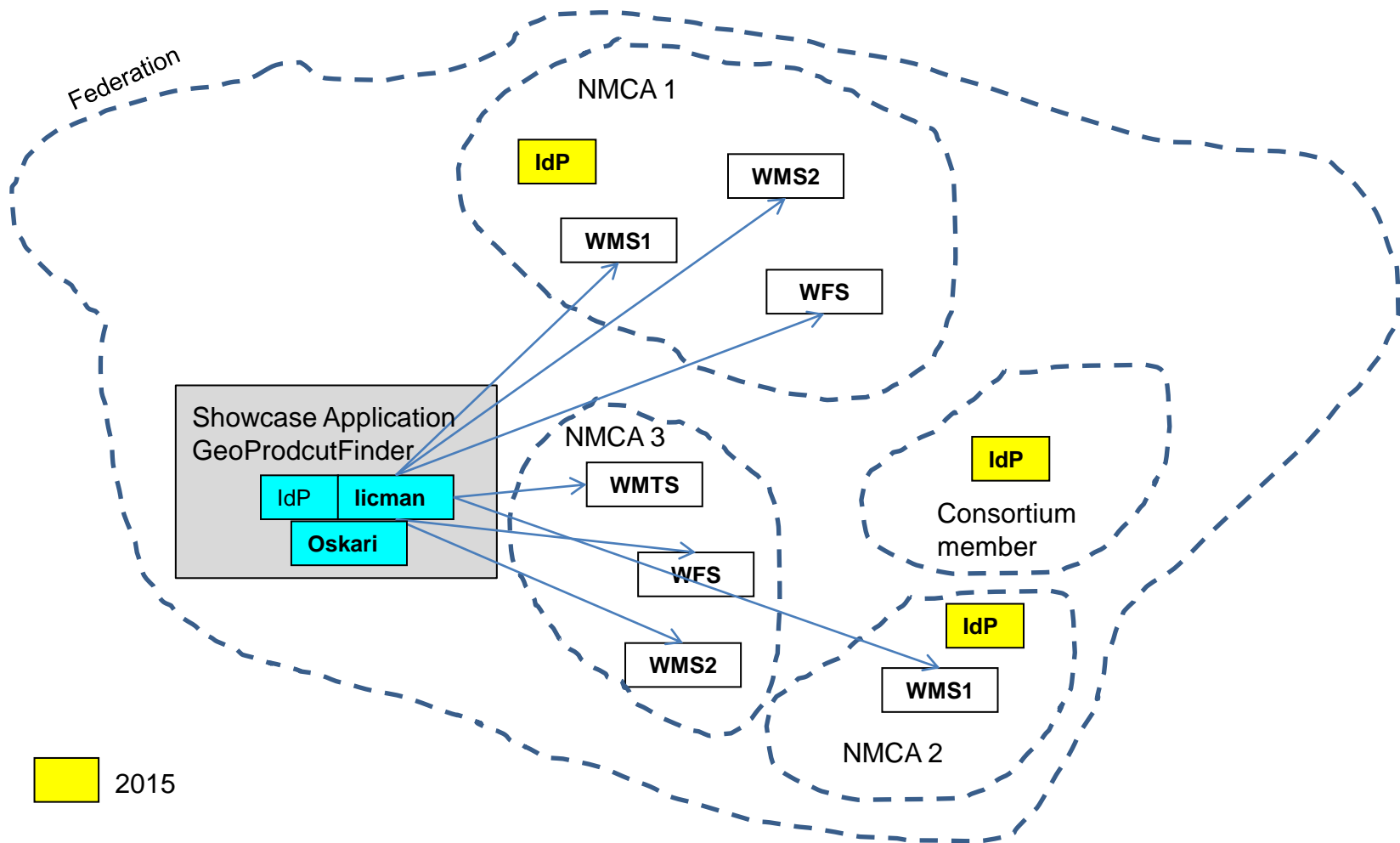
Showcase application and GeoProductFinder



Licensing Architecture with Identity Federation



Federated authentication



The Geo Product Finder concept

- ★ GPF concept was created in ESDIN project
 - ★ WP9 has developed this concept further for ELF
 - ★ NLS Finland has done the technical development

- ★ GPF provides an user friendly interface to
 - ★ find,
 - ★ view,
 - ★ compare and
 - ★ access the ELFL data

GPF implementation in ELF

- ★ The user interface has been developed in the ELF Oskari Showcase Application

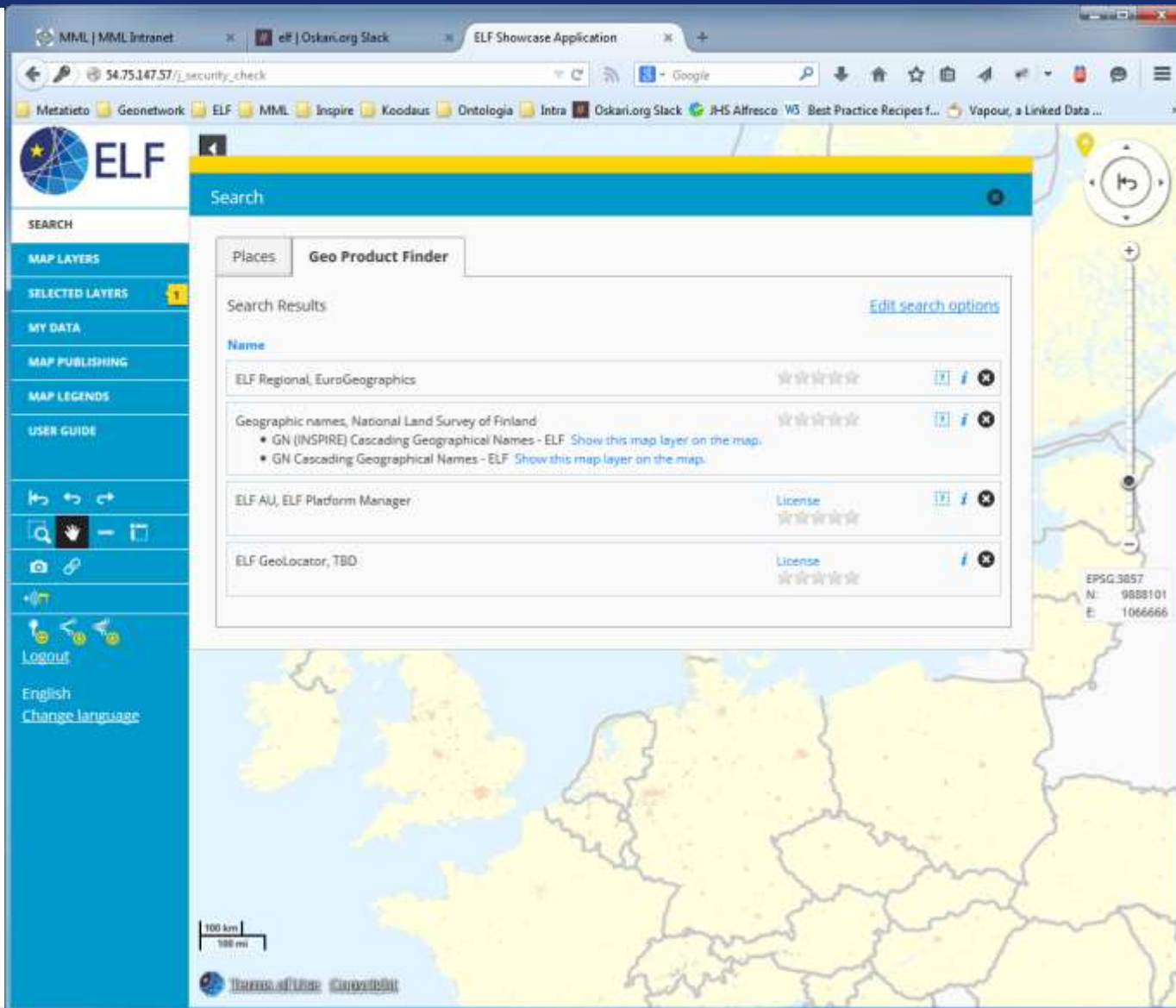
- ★ First version available in “official” ELF Oskari Showcase App at:
<http://54.216.109.137/> with metadata (and data) search, view and compare functionalities

- ★ New release in September 2015
 - ★ More metadata functionalities
 - ★ License wizard for getting access to ELF services
 - ★ User feedback module for giving and viewing feedback

Geo Product Finder

The screenshot shows a web browser window displaying the Geo Product Finder application. The browser tabs include 'MML | MML Intranet', 'elf | Oskari.org Slack', and 'ELF Showcase Application'. The address bar shows '54.75.147.57/security_check'. The application interface features a blue sidebar with navigation options: SEARCH, MAP LAYERS, SELECTED LAYERS, MY DATA, MAP PUBLISHING, MAP LEGENDS, and USER GUIDE. The main content area has a search bar with the text 'Geo Product Finder' and a 'Search' button. Below the search bar are filter options: Resource type (Dataset, Service), Resource name, Responsible party, Keyword, Topic category, Metadata language, Resource language, and Search area. A map of Europe is visible in the background. Two red arrows point to the search bar and the 'Geo Product Finder' text.

Search results



Browser tabs: MML | MML Intranet, eIF | Oskari.org Slack, ELF Showcase Application

Address bar: 54.75.147.57/_security_check

Search bar: **Geo Product Finder**

Search Results [Edit search options](#)

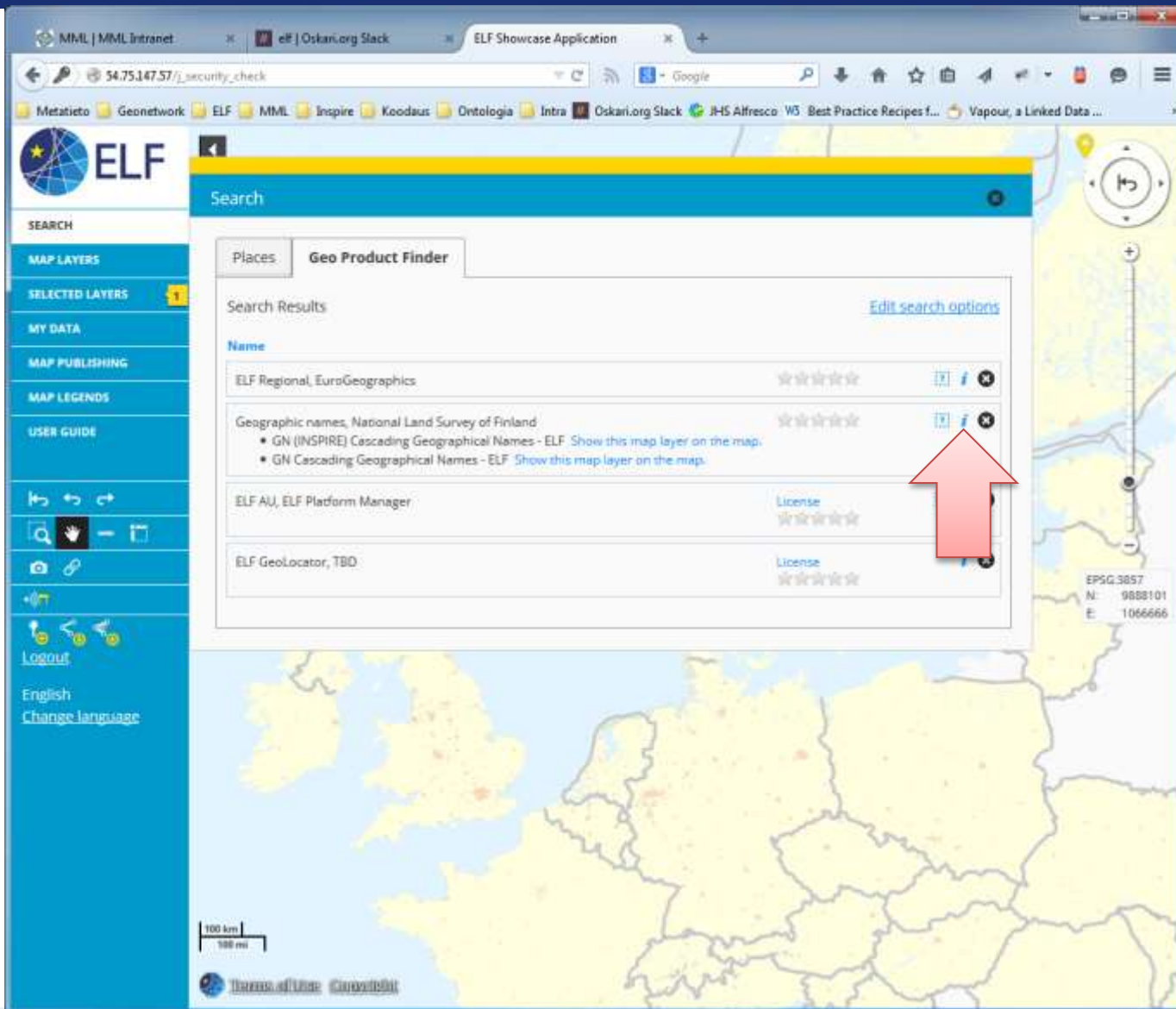
Name	Rating	Actions
ELF Regional, EuroGeographics	★★★★★	i x
Geographic names, National Land Survey of Finland	★★★★★	i x
<ul style="list-style-type: none"> GN (INSPIRE) Cascading Geographical Names - ELF Show this map layer on the map. GN Cascading Geographical Names - ELF Show this map layer on the map. 		
ELF AU, ELF Platform Manager	License ★★★★★	i x
ELF GeoLocator, TBD	License ★★★★★	i x

Map coordinates: EPSG:3857, N: 9888101, E: 1066666

Scale: 100 km / 100 mi

Logout
English
[Change language](#)

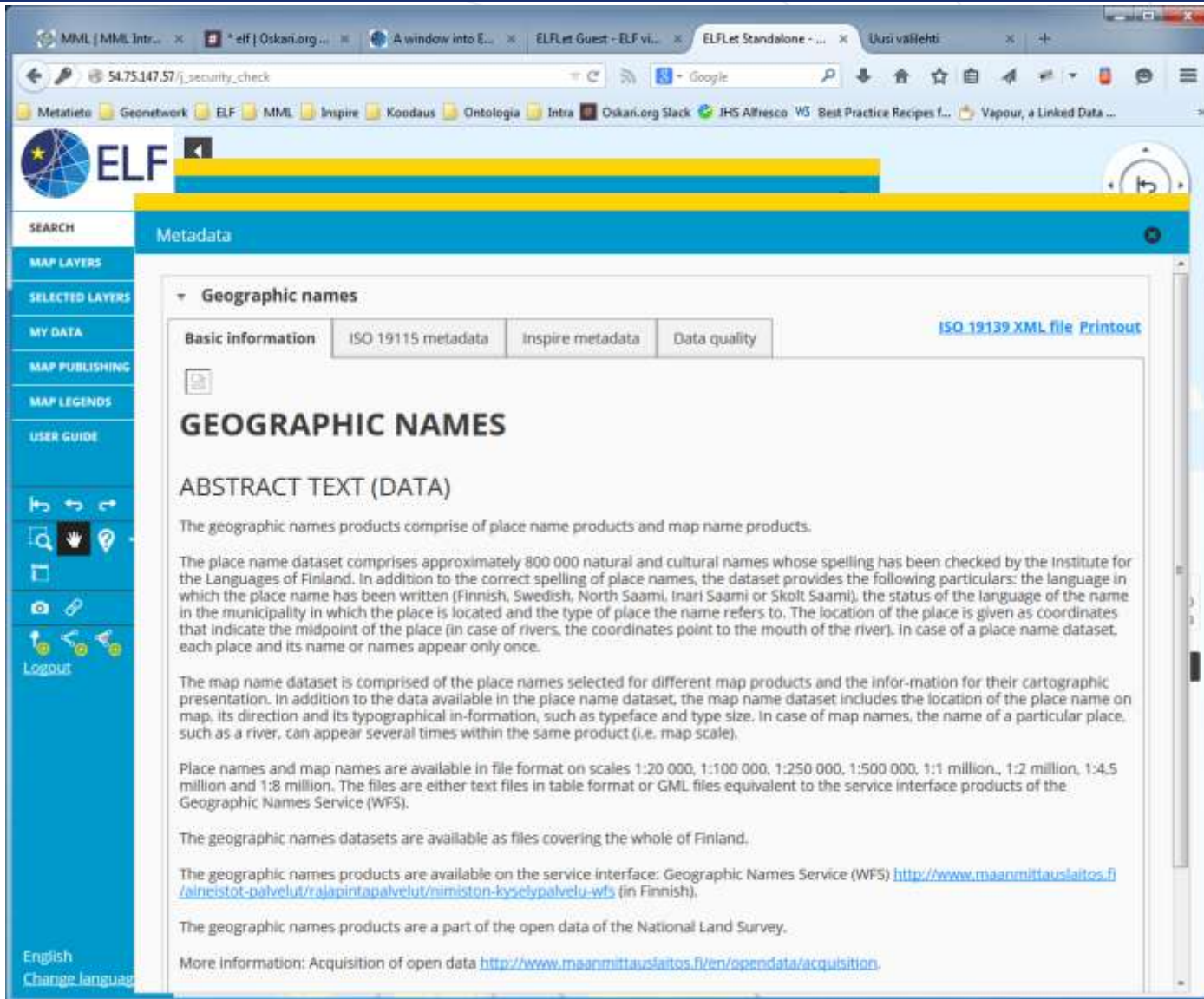
View metadata



The screenshot shows a web browser window displaying the ELF Geo Product Finder search results. The search bar contains 'Geo Product Finder'. The search results are listed as follows:

Name	Rating	Actions
ELF Regional, EuroGeographics	★★★★★	Info Share Close
Geographic names, National Land Survey of Finland <ul style="list-style-type: none"> GN (INSPIRE) Cascading Geographical Names - ELF Show this map layer on the map. GN Cascading Geographical Names - ELF Show this map layer on the map. 	★★★★★	Info Share Close
ELF AU, ELF Platform Manager	License ★★★★★	Info Share Close
ELF GeoLocator, TBD	License ★★★★★	Info Share Close

A red arrow points to the 'License' link for the 'ELF AU, ELF Platform Manager' result. The page also includes a sidebar with navigation options like 'SEARCH', 'MAP LAYERS', and 'MY DATA', and a map of Europe at the bottom.



SEARCH

MAP LAYERS

SELECTED LAYERS

MY DATA

MAP PUBLISHING

MAP LEGENDS

USER GUIDE

Logout

English
Change language

Metadata

Geographic names

Basic information | ISO 19115 metadata | Inspire metadata | Data quality | [ISO 19139.XML file](#) | [Printout](#)

GEOGRAPHIC NAMES

ABSTRACT TEXT (DATA)

The geographic names products comprise of place name products and map name products.

The place name dataset comprises approximately 800 000 natural and cultural names whose spelling has been checked by the Institute for the Languages of Finland. In addition to the correct spelling of place names, the dataset provides the following particulars: the language in which the place name has been written (Finnish, Swedish, North Saami, Inari Saami or Skolt Saami), the status of the language of the name in the municipality in which the place is located and the type of place the name refers to. The location of the place is given as coordinates that indicate the midpoint of the place (in case of rivers, the coordinates point to the mouth of the river). In case of a place name dataset, each name or names appear only once.

The map name dataset is comprised of the place names selected for different map products and the information for their cartographic presentation. In addition to the data available in the place name dataset, the map name dataset includes the location of the place name on map, its direction and its typographical information, such as typeface and type size. In case of map names, the name of a particular place, such as a river, can appear several times within the same product (i.e. map scale).

Place names and map names are available in file format on scales 1:20 000, 1:100 000, 1:250 000, 1:500 000, 1:1 million, 1:2 million, 1:4.5 million and 1:8 million. The files are either text files in table format or GML files equivalent to the service interface products of the Geographic Names Service (WFS).

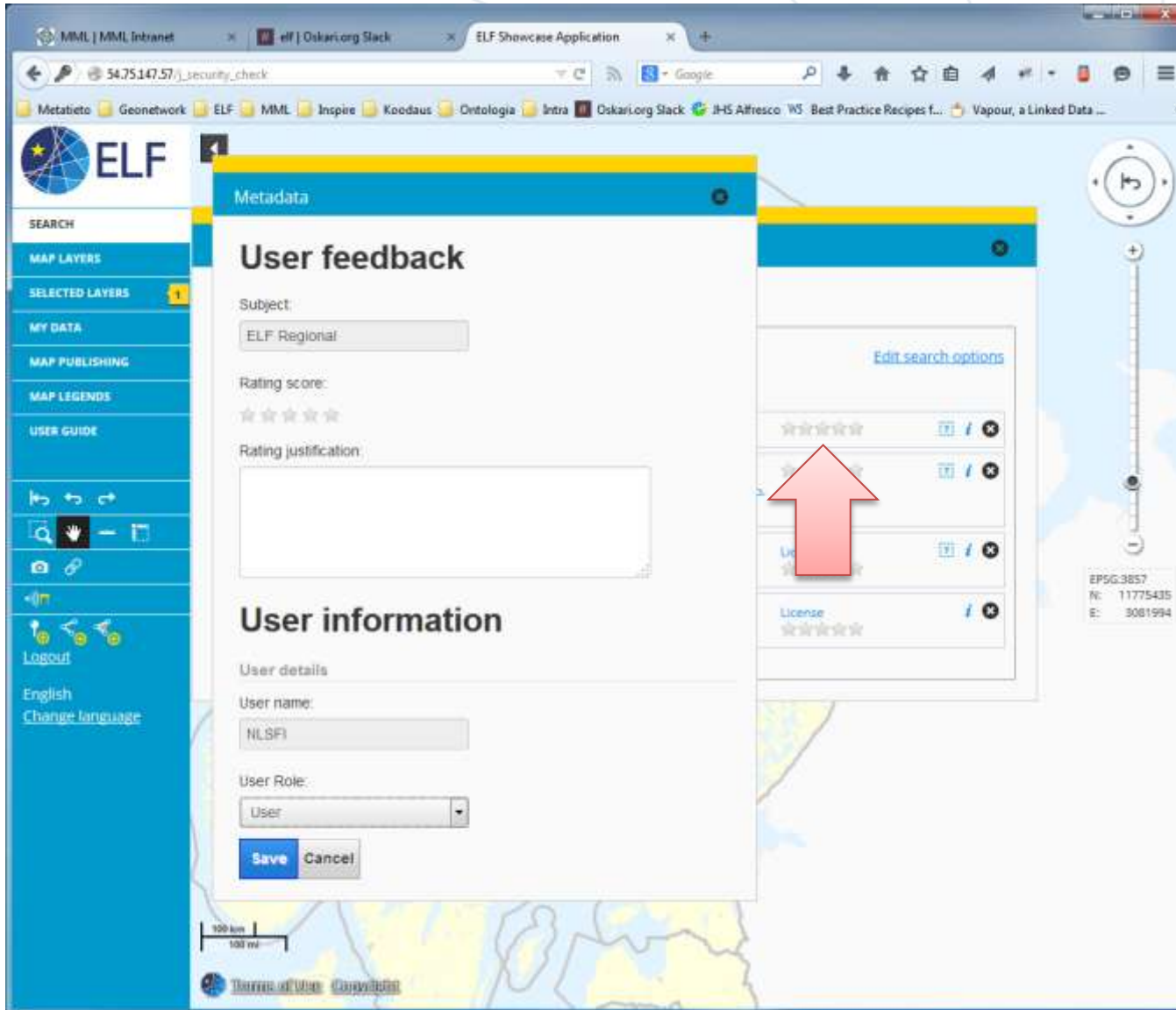
The geographic names datasets are available as files covering the whole of Finland.

The geographic names products are available on the service interface: Geographic Names Service (WFS) <http://www.maanmittauslaitos.fi/aineistot-palvelut/rajapintapalvelut/nimiston-kyselypalvelu-wfs> (in Finnish).

The geographic names products are a part of the open data of the National Land Survey.

More information: Acquisition of open data <http://www.maanmittauslaitos.fi/en/opendata/acquisition>.

Give feedback

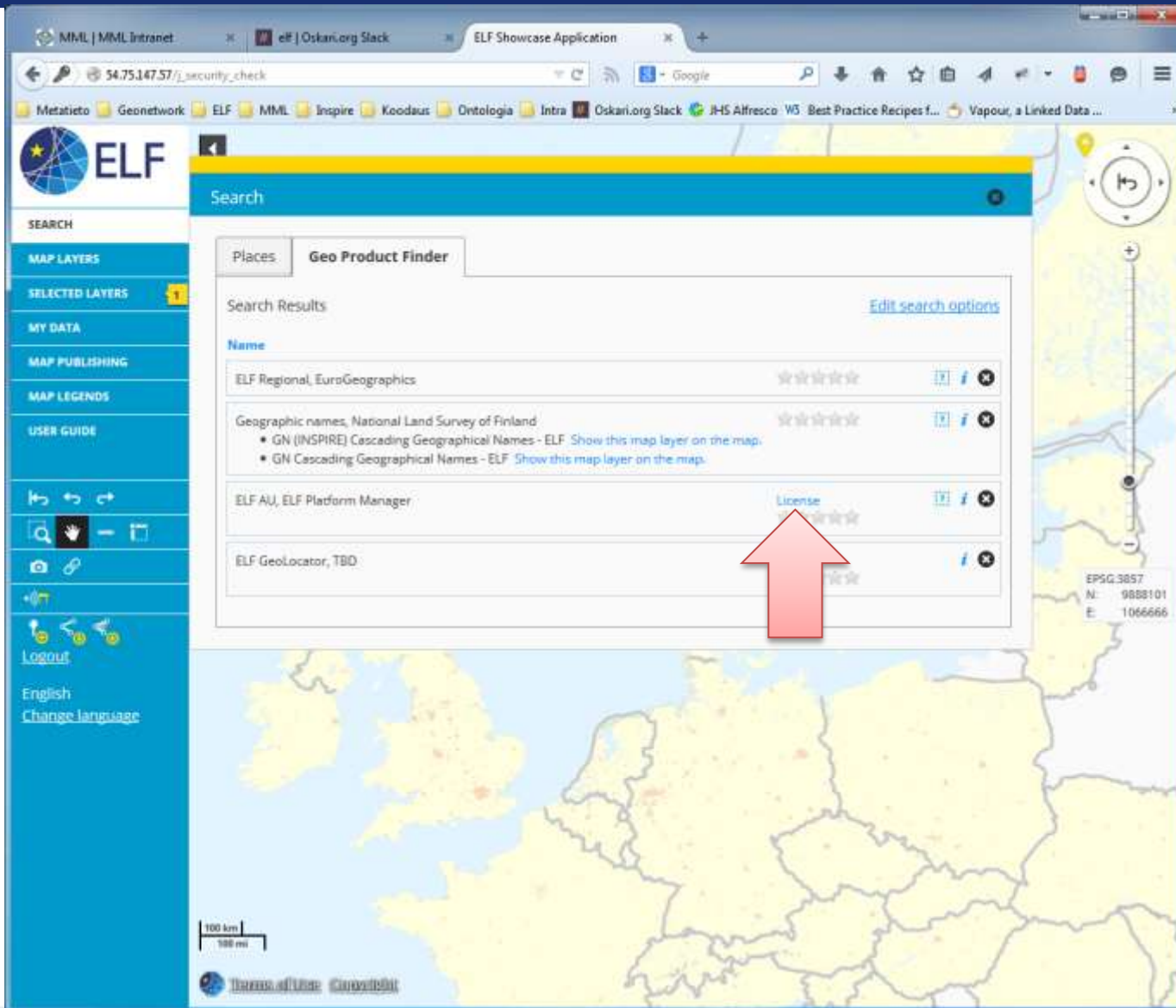


The screenshot displays the ELF Showcase Application interface. The main window shows a map with a search bar and various navigation controls. A 'User feedback' dialog box is open, allowing users to provide input. The dialog box contains the following fields:

- Subject:** ELF Regional
- Rating score:** A star rating system with five stars.
- Rating justification:** A text input field.
- User information:** A section for user details, including:
 - User name:** NLSFI
 - User Role:** User

Buttons for 'Save' and 'Cancel' are located at the bottom of the 'User information' section. A red arrow points to a star rating in the background map view, indicating the location of the feedback.

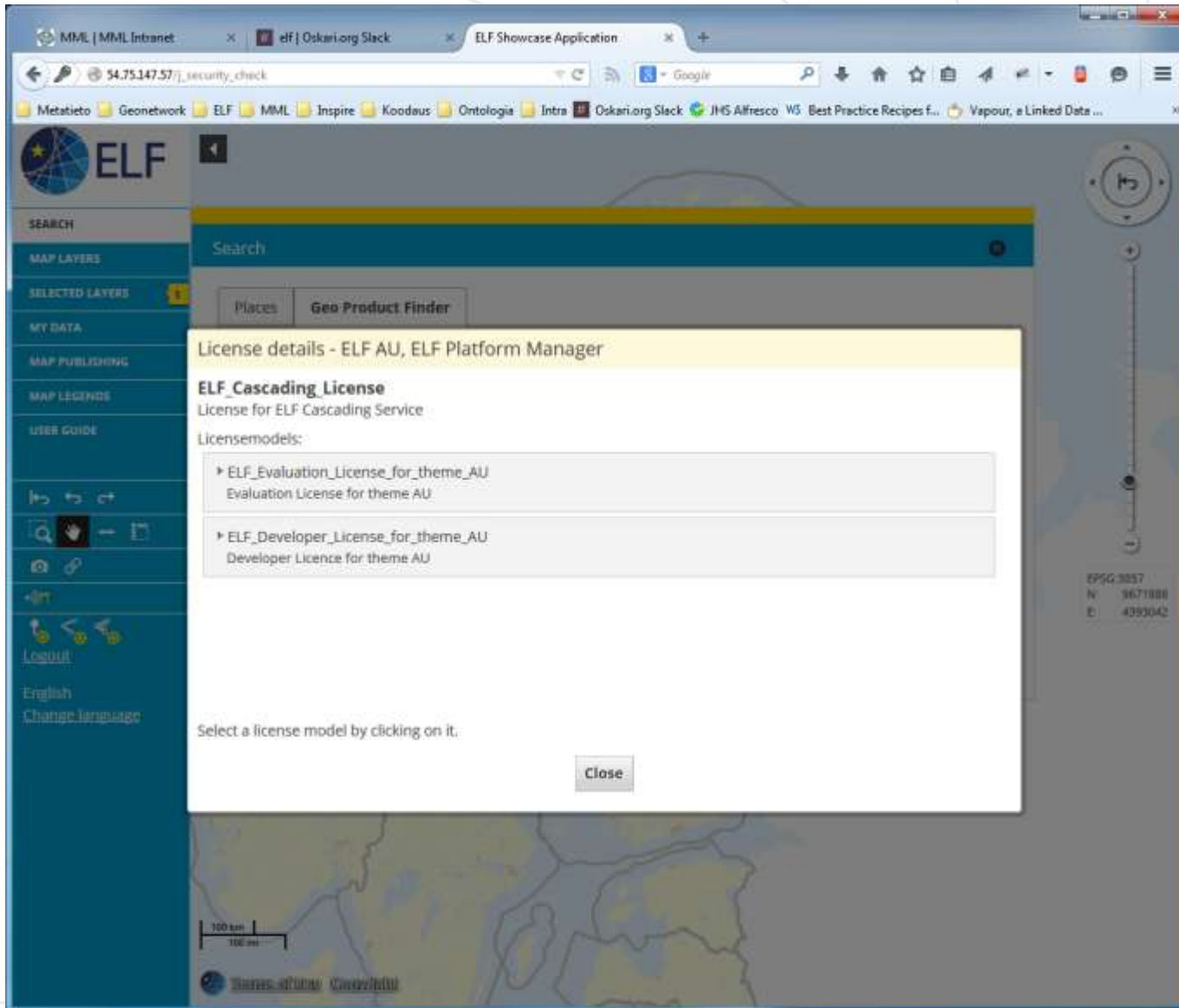
Get license



The screenshot shows a web browser window displaying the ELF Geo Product Finder search results. The browser tabs include 'MML | MML Intranet', 'eIF | Oskari.org Slack', and 'ELF Showcase Application'. The address bar shows '54.75.147.57/_security_check'. The search results are displayed in a table with columns for Name, Rating, and Actions. A red arrow points to the 'License' link for the 'ELF AU, ELF Platform Manager' product.

Name	Rating	Actions
ELF Regional, EuroGeographics	★★★★★	i x
Geographic names, National Land Survey of Finland	★★★★★	i x
<ul style="list-style-type: none">GN (INSPIRE) Cascading Geographical Names - ELF Show this map layer on the map.GN Cascading Geographical Names - ELF Show this map layer on the map.		
ELF AU, ELF Platform Manager	★★★★★	i x License
ELF GeoLocator, TBD	★★★★★	i x

Get license



The screenshot shows a web browser window with the URL `54.75.147.57/_security_check`. The browser tabs include 'MML | MML Intranet', 'elf | Oskari.org Slack', and 'ELF Showcase Application'. The browser's address bar shows the URL and search engines like Google. The browser's bookmark bar contains various folders and links such as 'Metatieto', 'Geoneetwork', 'ELF', 'MML', 'Inspire', 'Koodaus', 'Ontologia', 'Intra', 'Oskari.org Slack', 'JHS Alfresco', 'WS Best Practice Recipes F...', and 'Vapour, a Linked Data ...'. The main content area of the browser displays the ELF logo and a search interface. The search results show a 'Geo Product Finder' section with a 'License details - ELF AU, ELF Platform Manager' popup. The popup contains the following information:

ELF_Cascading_License
License for ELF Cascading Service

License models:

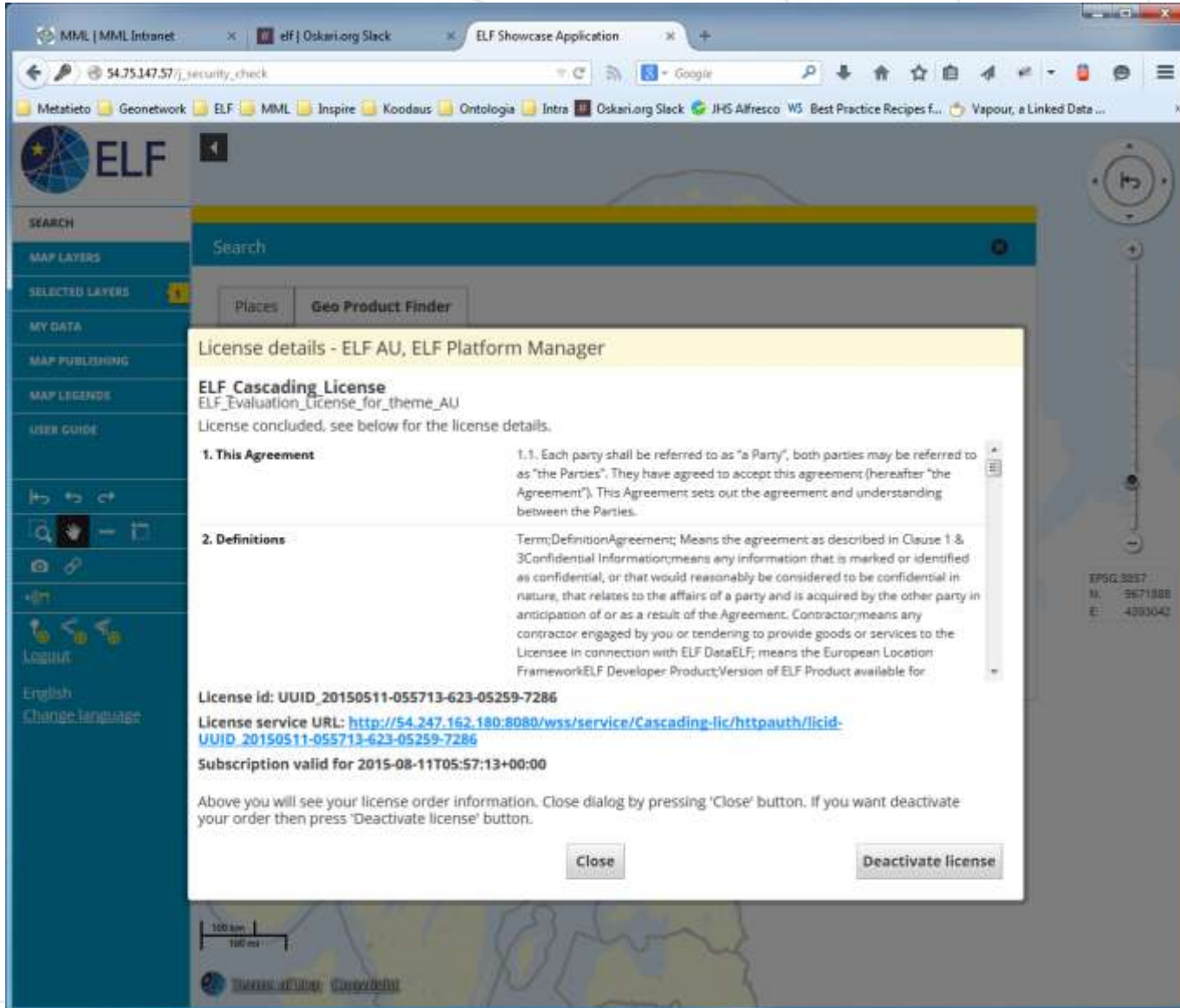
- ▶ ELF_Evaluation_License_for_theme_AU
Evaluation License for theme AU
- ▶ ELF_Developer_License_for_theme_AU
Developer License for theme AU

Select a license model by clicking on it.

Close

On the right side of the map, the coordinates are displayed: EPSG:3057, N: 3671888, E: 4393042. The map shows a geographical area with a scale bar indicating 100 km and 100 mi. The bottom of the map features the 'Services of the Government' logo.

Search results: Get license



The screenshot shows a web browser window with the URL `54.75.147.57/_security_check`. The application interface includes a search bar and a sidebar with navigation options like 'SEARCH', 'MAP LAYERS', and 'MY DATA'. A dialog box titled 'License details - ELF AU, ELF Platform Manager' is open, displaying the following information:

ELF Cascading License
 ELF_Evaluation_License_for_theme_AU
 License concluded, see below for the license details.

1. This Agreement

1.1. Each party shall be referred to as "a Party", both parties may be referred to as "the Parties". They have agreed to accept this agreement (hereafter "the Agreement"). This Agreement sets out the agreement and understanding between the Parties.

2. Definitions

Term;DefinitionAgreement; Means the agreement as described in Clause 1. & 3Confidential Information;means any information that is marked or identified as confidential, or that would reasonably be considered to be confidential in nature, that relates to the affairs of a party and is acquired by the other party in anticipation of or as a result of the Agreement. Contractor;means any contractor engaged by you or tendering to provide goods or services to the Licensee in connection with ELF DataELF; means the European Location FrameworkELF Developer Product;Version of ELF Product available for

License id: **UUID_20150511-055713-623-05259-7286**
 License service URL: http://54.247.162.180:8080/wss/service/Cascading-lic/httpauth/licid-UUID_20150511-055713-623-05259-7286
 Subscription valid for 2015-08-11T05:57:13+00:00

Above you will see your license order information. Close dialog by pressing 'Close' button. If you want deactivate your order then press 'Deactivate license' button.

Buttons: **Close**, **Deactivate license**

Conclusions

★ Protection aspect

Services are protected against unlicensed access

If a valid licence is provided, access is granted

If the licence includes restrictions (e. g. spatial, content, ...), these have to be enforced

★ Conclusion aspect

Licence offer

Licence agreement

★ Management aspect

Maintenance of existing licences

Accounting

More information

★ Contact & Feedback: Jari Reini (jari.reini@nls.fi)