

# TCS - Final report

Thomas Zangerl

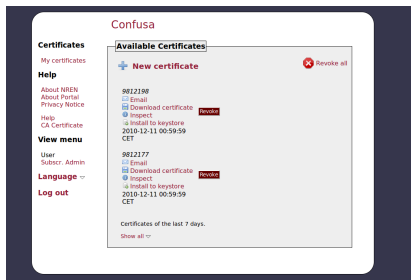
December 3, 2010

# Introduction

# What is the TCS portal?

- ▶ How we see it:
  - ▶ Software - Confusa
  - ▶ Certificate authority
    - ▶ Standalone
    - ▶ Online - Comodo
  - ▶ Operations
    - ▶ Self
    - ▶ Tilburg
  - ▶ TERENA service
  - ▶ CPS

- ▶ How the user sees it:



# History

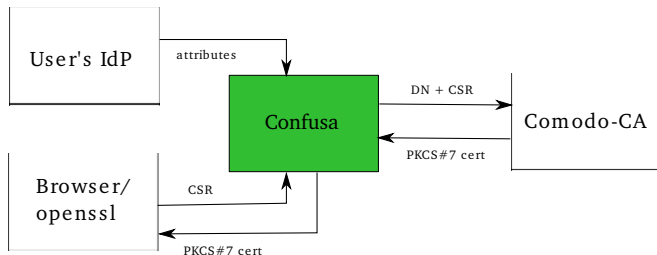


|                     |                                      |
|---------------------|--------------------------------------|
| <b>2008ish</b>      | UNINETT Sigma starts SLCS project    |
| <b>March 2009</b>   | NDGF starts work on CLI SLCS service |
| <b>May 2009</b>     | NDGF decides to adapt UNINETT portal |
| <b>June 2009</b>    | UNINETT portal becomes MICS portal   |
| <b>June 2009</b>    | Portal ties into TCS service         |
| <b>Jan/Feb 2010</b> | France, Austria, Italy join          |
| <b>Mar 2010</b>     | EUGridPMA accreditation              |
| <b>May 2010</b>     | Official TCS service start           |
| <b>Nov 2010</b>     | Portal available in Sweden           |

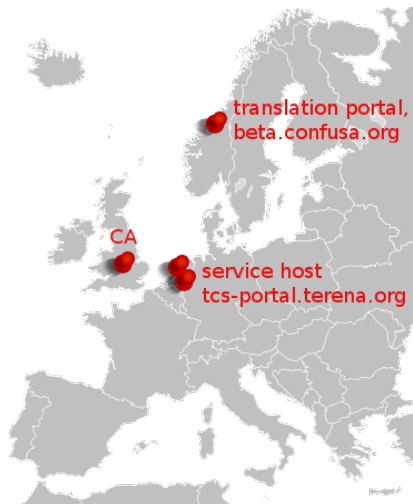
# Service overview

# Service overview: Technical

- ▶ *Confusa* software
- ▶ Cross-federated LAMP portal
- ▶ With CA connection

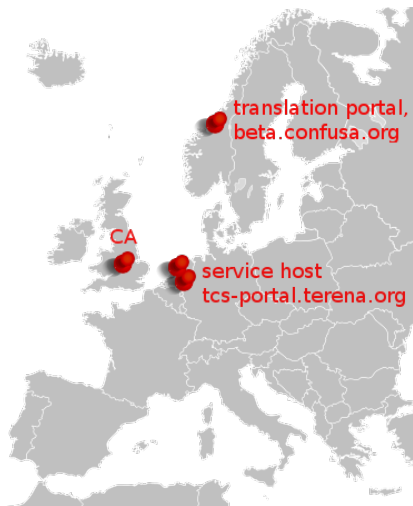


# Service overview: Operational



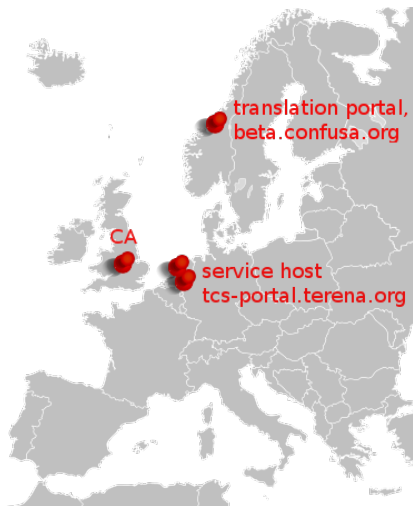
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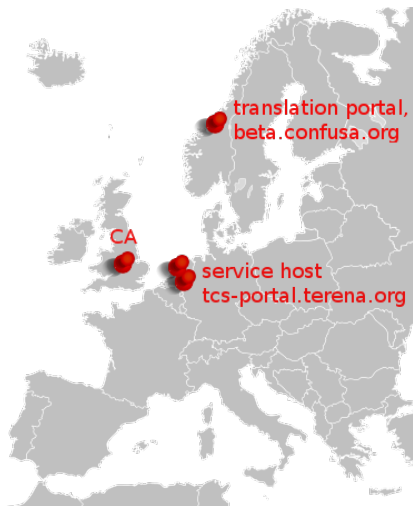
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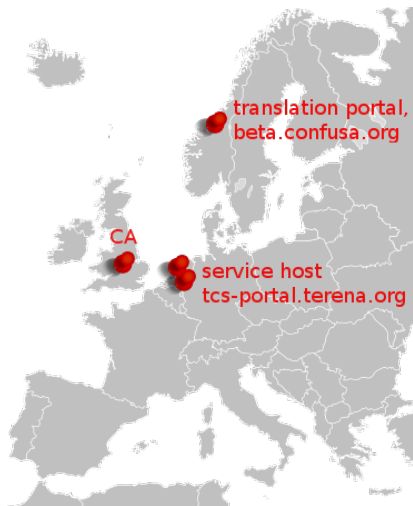
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- ▶ Feide: translation portal

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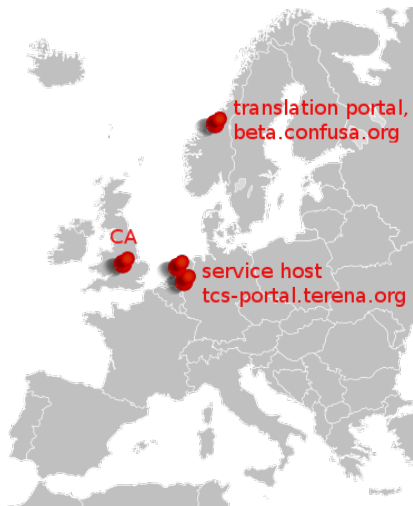
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## Service overview: Financial/Political

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- ▶ TERENA offers personal/e-science certificate service
  - ▶ By *itself* only gives access to CA
- ▶ TERENA also offers reference portal
  - ▶ Running Confusa software
  - ▶ Operated by Dutch NREN Surfnet
  - ▶ Outsourced to Tilburg University
- ▶ NRENs sign contract with TERENA

## Service overview: Personal



Jan Meijer - UNINETT - project coordinator



Kevin Meynell - TERENA - PDO



Teun Nijssen - Tilburg University PKI



Thijs Kinkhorst - Tilburg University sysadmin

**[tcs-portal@terena.org](mailto:tcs-portal@terena.org)**

Was this project a success?

# Evaluation (NDGF)

- ▶ Replace NorduGrid CA

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twitter



*#fail #megafail*

# Evaluation (TERENA)



- ▶ "Free" reference implementation
- ▶ Working portal, issuing certificates
- ▶ eScience CPS, EUGridPMA accredited

# Evaluation (Confusa team)

- ▶ Recognition :)
- ▶ Real users (and lots)
- ▶ Nicely working certificate software

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  - ▶ easy certificate obtaining (MICS) can work
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  - ▶ easy certificate obtaining (MICS) can work
  - ▶ identity mapping makes sense
    - ▶ even in academics
  - ▶ portal probably sustainable service

# Lessons learned



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*I will keep you informed of our progress! Expect to see some result in a few weeks from now.*

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**received 2009-10-13**

# Questions