



## **Ai.VOMS**

Voucher Management System

2012-07-13



# Contents

- ▣ What is Ai.VOMS?
- ▣ How Ai.VOMS works?
  - ▣ Architecture
  - ▣ Platform

## What is Ai.VOMS?

- ▣ **Ai.VOMS** voucher management system providing support for whole voucher lifecycle management
  
- ▣ **Ai.VOMS** provides functionalities of:
  - ▣ Voucher administration
  - ▣ Voucher activation
  - ▣ Promotion management
  - ▣ Customer care

## Voucher administration

- ▣ **Voucher generation** - is initiated on User request over Ai.VOMS Administrator GUI build on Web technology. On request submission, vouchers are generated and in encrypted for saved in Ai.VOMS database in status generated.
- ▣ **Distribution** – of vouchers toward external partners/system is done over Ai.VOMS Administrator. After export vouchers status is changed to distributed.
- ▣ **Housekeeping** – Housekeeping of vouchers encompass archiving, changing status, ...

## Voucher activation

- ❑ Voucher activation request is send to Ai.VOMS from various channels like USSD, IVR, Web, WAP, SMS or Customer care.
- ❑ Based on HRN, voucher is selected in Ai.VOMS database and recharging transaction is done
- ❑ Following parameters are set on user account:
  - ❑ Amount of the main account
  - ❑ Expiry date of the account
  - ❑ Service counters value
  - ❑ Provisioning action



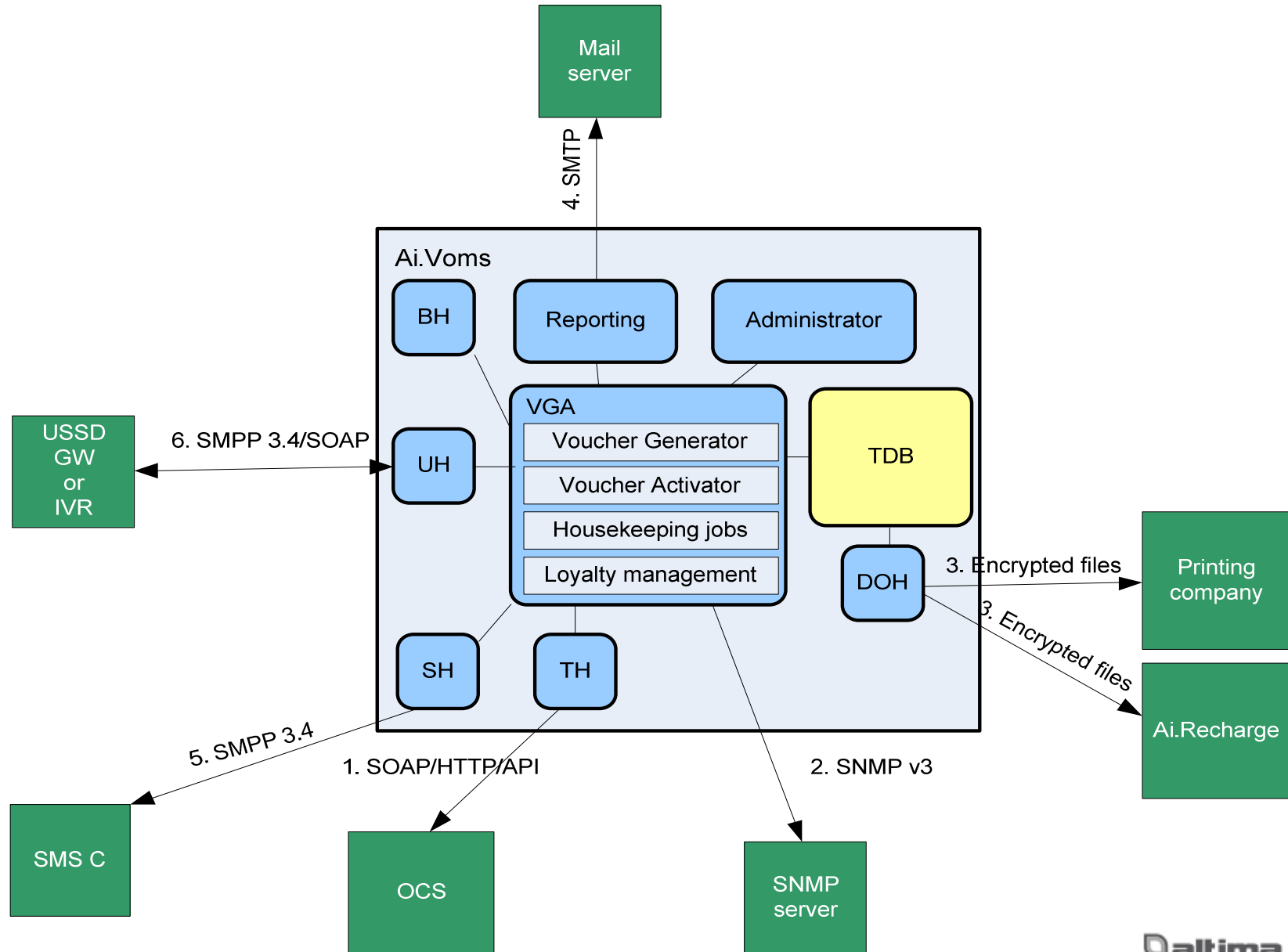
## Promotion management

- ▣ Various promotions can be defined on the system with resulting with special bonus or additional expiry date prolongation
- ▣ Additionally, it can trigger actions toward provisioning system to carry out tariff change or service activation

## Customer care

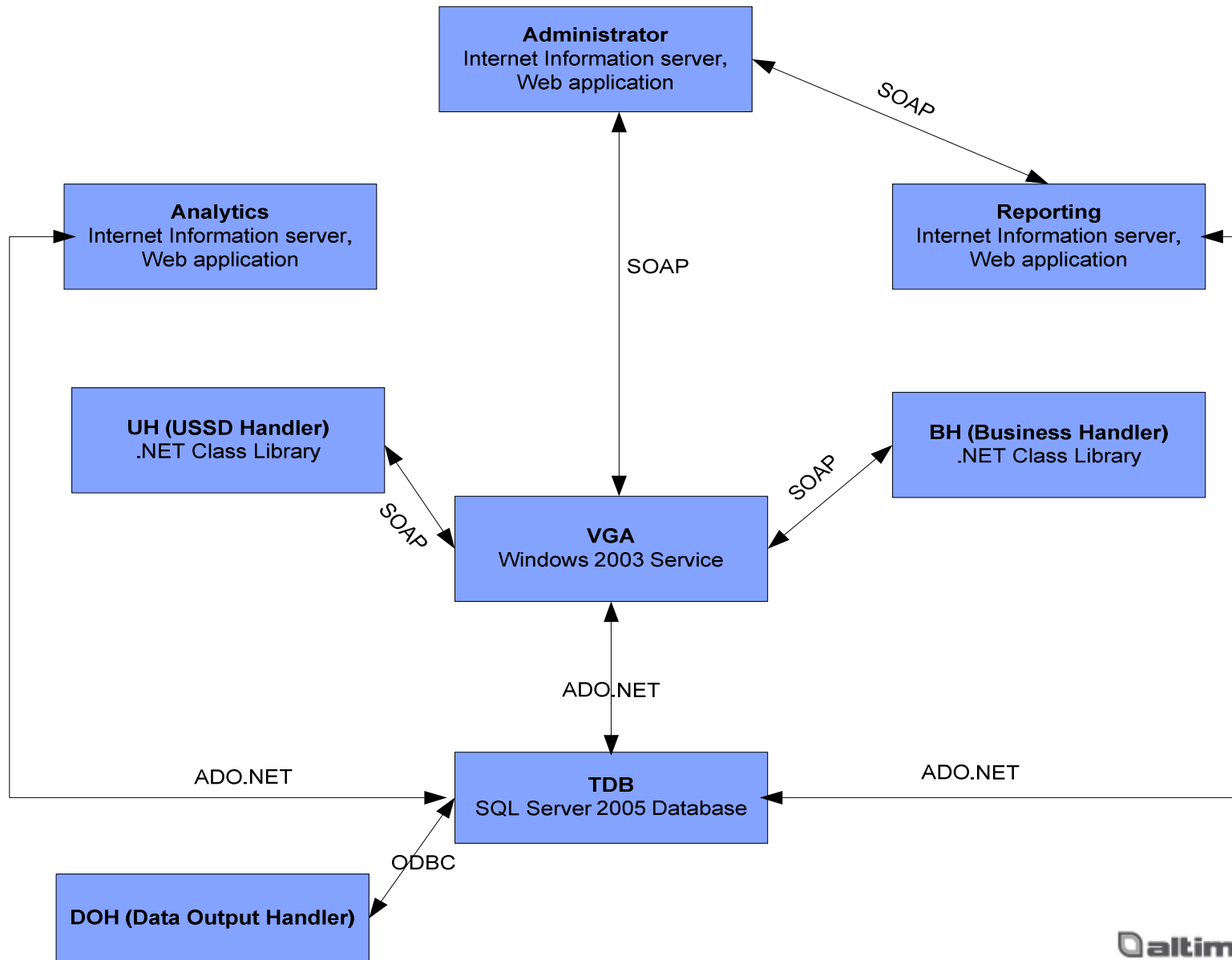
- ▣ Customer care interface is realized over Ai.VOMS administrator application
- ▣ It enables to Query transaction status or activate voucher

# Ai.VOMS Architecture (Context)





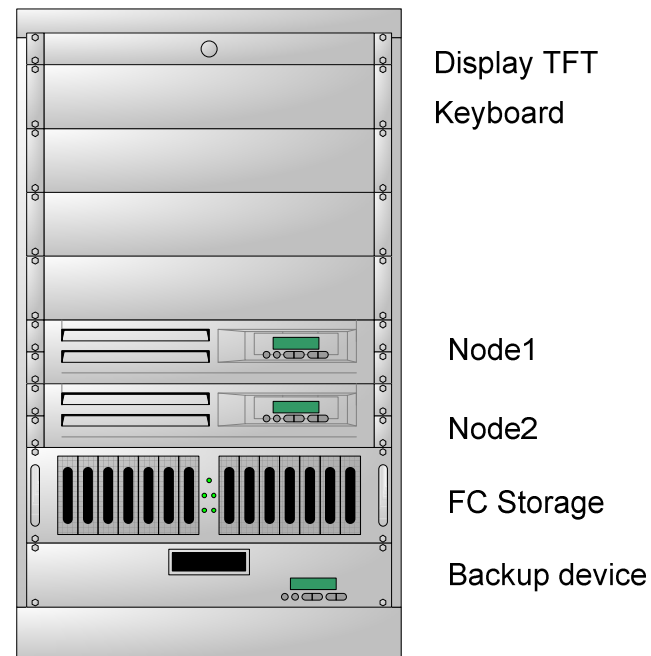
# Ai.VOMS Architecture (Details)



# Ai.VOMS Platform

- ▣ **Cluster:** 2 node fail-over cluster server
- ▣ **Node 1 & Node 2**
  - ▣ CPU: Intel Xeon – Quad core
  - ▣ RAM: 8 GB
  - ▣ HDD: 2×73 GB (Raid-1)
  - ▣ LAN: 2 × 1 Gbit/s
  - ▣ FC Controller
- ▣ **FC or SCSI Storage Subsystem**
  - ▣ 3 × 300 GB 10,000 RPM HDD

24 Unit Rack



Configuration	Processor, Memory	TPH
Ai.VOMS Medium	1 (quad core) processor, 4 GB memory	72,000

**example!**



## **Altima d.o.o.**

Froudeova 5, HR-10000 Zagreb, Croatia

T +385 1 6408 000, F +385 1 6408 001

[www.altima.hr](http://www.altima.hr), [info@altima.hr](mailto:info@altima.hr)