



Ai.Recharge

Electronic recharging platform

2012-07-13



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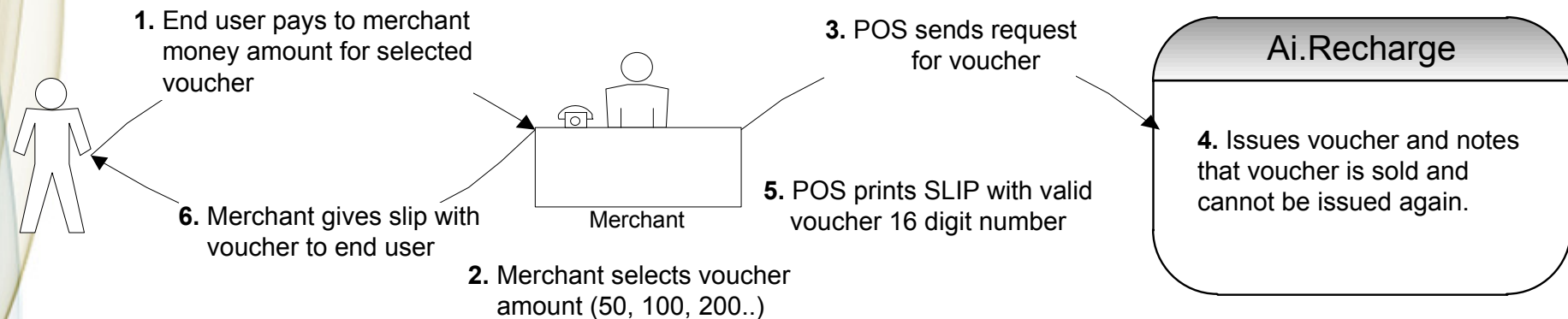
What is Ai.Recharge?

- ▣ **Ai.Recharge** is system supporting the complete business process of electronic voucher distribution and Top-Up management, execution, control and sales.

- ▣ **Ai.Recharge**'s main functionalities are:
 - ▣ Electronic voucher distribution
 - ▣ Pre-paid account Top-Up
 - ▣ Management of multi-level sales and distribution network
 - ▣ Promotion and loyalty campaigns management and execution
 - ▣ Multichannel support

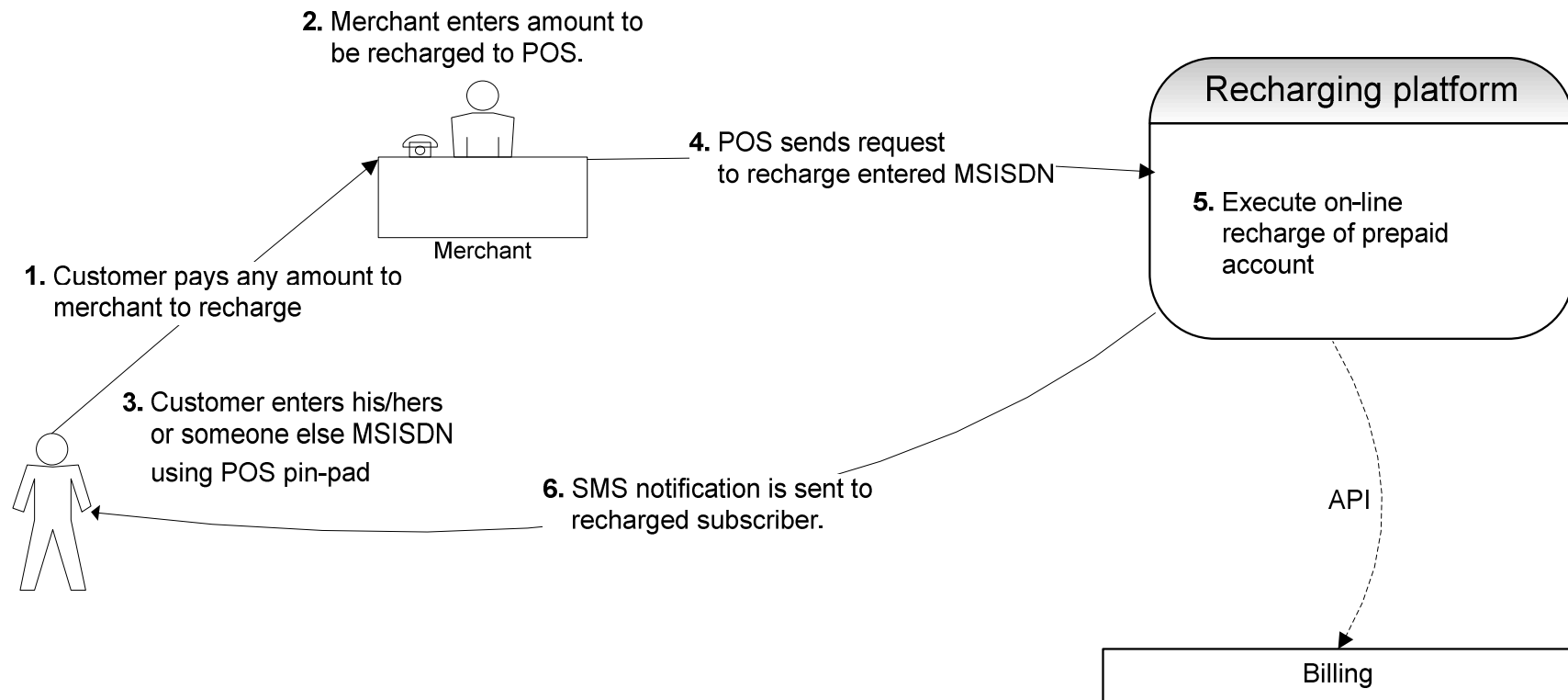
What is Ai.Recharge?

- ❑ Electronic voucher distribution eliminate scratch cards production and distribution, while all others parts of the system are left unchanged
- ❑ User gets 16-digits number printed on a paper by POS Terminal (or delivered by SMS), and it recharge its account in “old” way over the IVR, USSD or Web.



What is Ai.Recharge?

- ❑ Prepaid account Top-Up is electronic recharging with all benefits that electronic recharging enables (i.e. variable amounts, easy for end-customer...)
- ❑ It completely changes recharging procedure for the user. User has only to type phone number into POS Terminal and recharging is done



Ai.Recharge functions

- ❑ Management of multi-level sales and distribution network:
 - ❑ Management – on Ai.Recharge it is possible to manage multiple distributors which can have sub-distributors, point of sales and Sales agents.
 - ❑ Such definition supports management of complex real distribution networks.
 - ❑ Each Distributor can manage its branch of the sales and distribution network.
 - ❑ Money collection support – each Distributor has balance managed on Ai.Recharge, decreased by each sales transaction in it's branch and increased by each bank down payment.
 - ❑ Fraud prevention – transaction, daily, weekly and monthly limits on the level of sales agent, point of sale, sub-distributor and distributor, that can trigger transaction blocking or warning notifications-
 - ❑ Security – each salesman has it's own user credentials and belongs to one Distributor
 - ❑ Fee calculation – each Distributor has fee formula defined
 - ❑ Analytics – reports and OLAP cube for more complex data analysis

- ❑ Campaign and Loyalty management:
 - ❑ Definition of campaigns with promotion text, bonuses and discounts that are immediately recharged
 - ❑ Definition of loyalty campaigns with deferred recharging (multipart bonus recharging)

Ai.Recharge channels

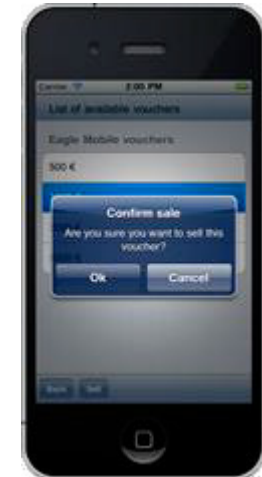
- ❑ Sales agents can use multiple channels:
 - ❑ **Web** – available on PC based web browser
 - ❑ **WAP** – available on mobile devices
 - ❑ **SMS** – available on any mobile phone
 - ❑ **USSD** – available on any mobile phone
 - ❑ **POS** – integration of POS network over standard ISO 8583 protocol
 - ❑ **ATM** – integration with bank ATM infrastructure

e-voucher sales

Select eVouchers amount:

- eVoucher amount: ALL (500.00 ALL)
- eVoucher amount: ALL (800.00 ALL)
- eVoucher amount: ALL (1000.00 ALL)
- eVoucher amount: ALL (2000.00 ALL)
- eVoucher amount: ALL (5000.00 ALL)

Confirm Cancel

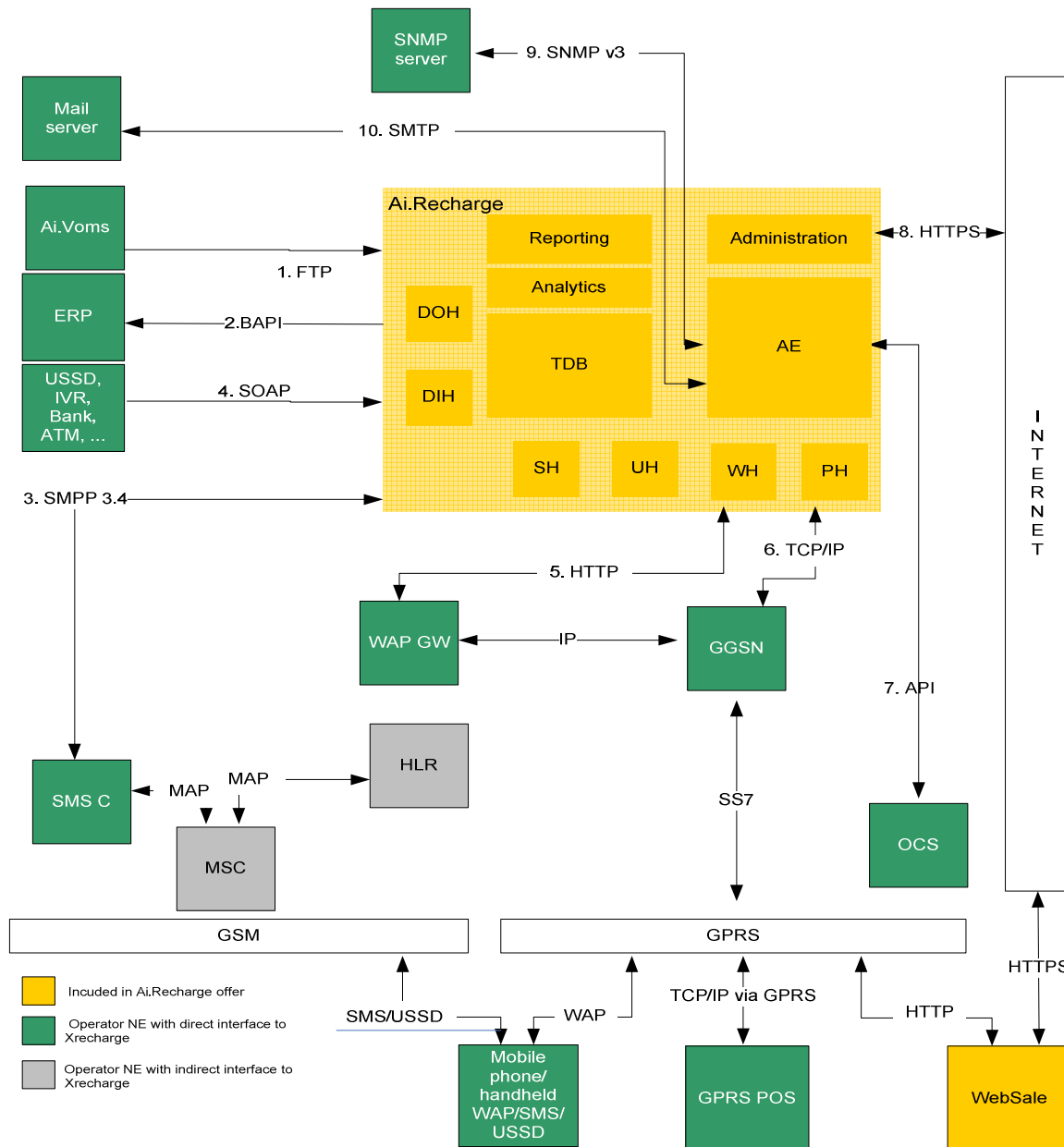


Xrecharge

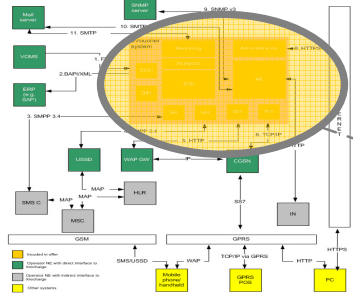
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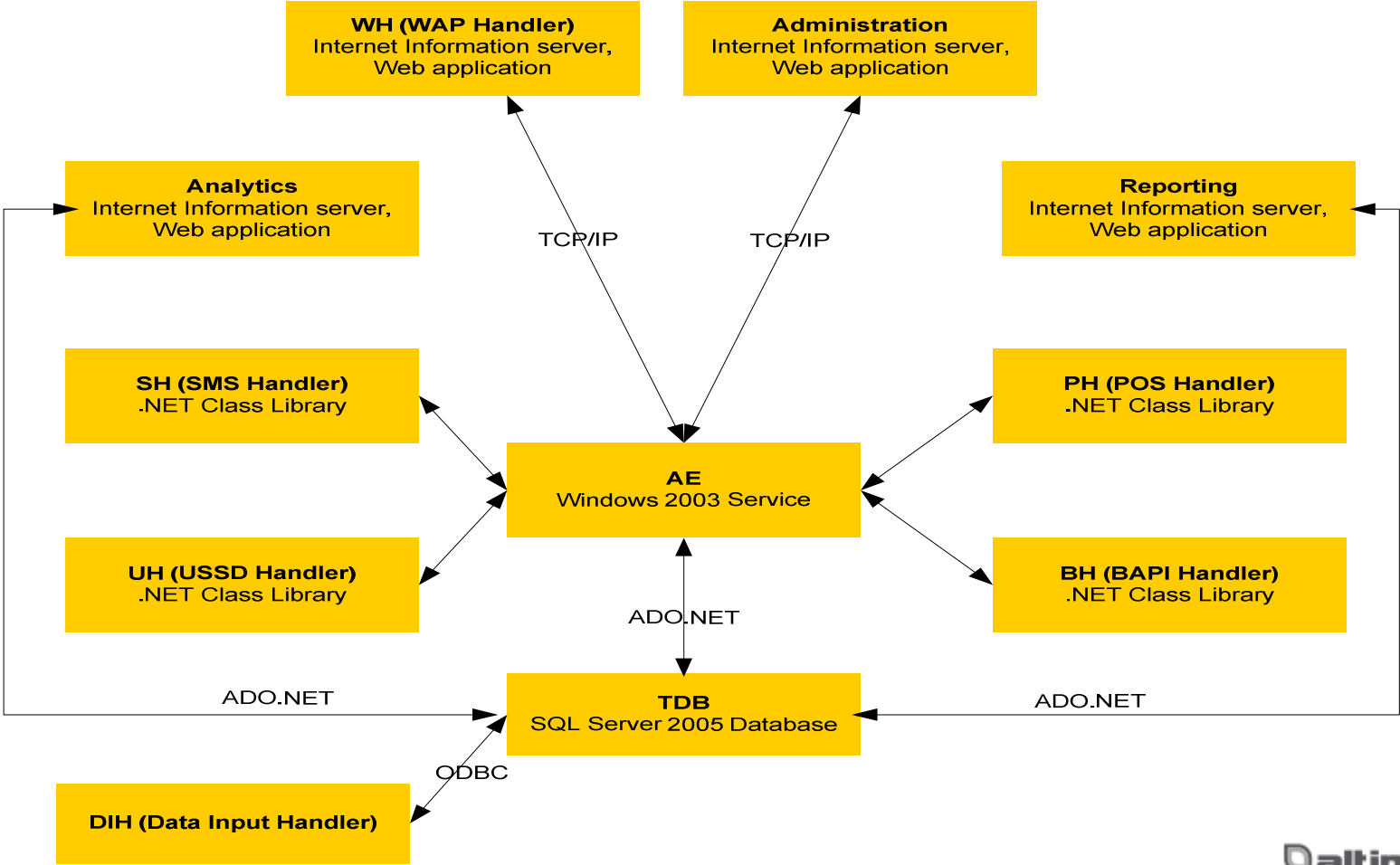
Ai.Recharge Architecture (Context)



Ai.Recharge Architecture (Details)

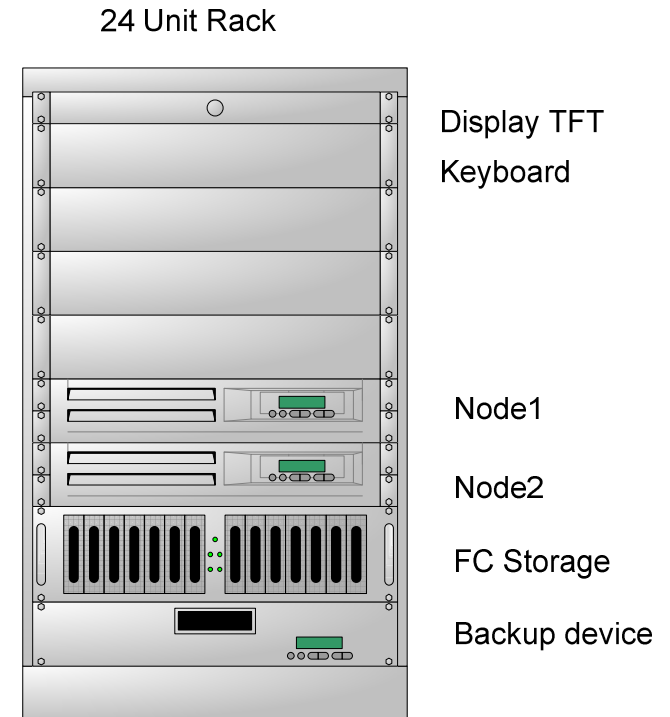


Ai.Recharge architecture



Ai.Recharge Platform

- ❑ **Cluster:** 2 node fail-over cluster server
- ❑ **Node 1 & Node 2**
 - ❑ CPU: Intel – Six 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



Configuration	Processor, Memory	TPH
Ai.Recharge Medium	1 (Six core) processor, 8 GB memory	20,000

example!



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