

Development and Introduction of OSSs -Dreams Realities and Expectations-

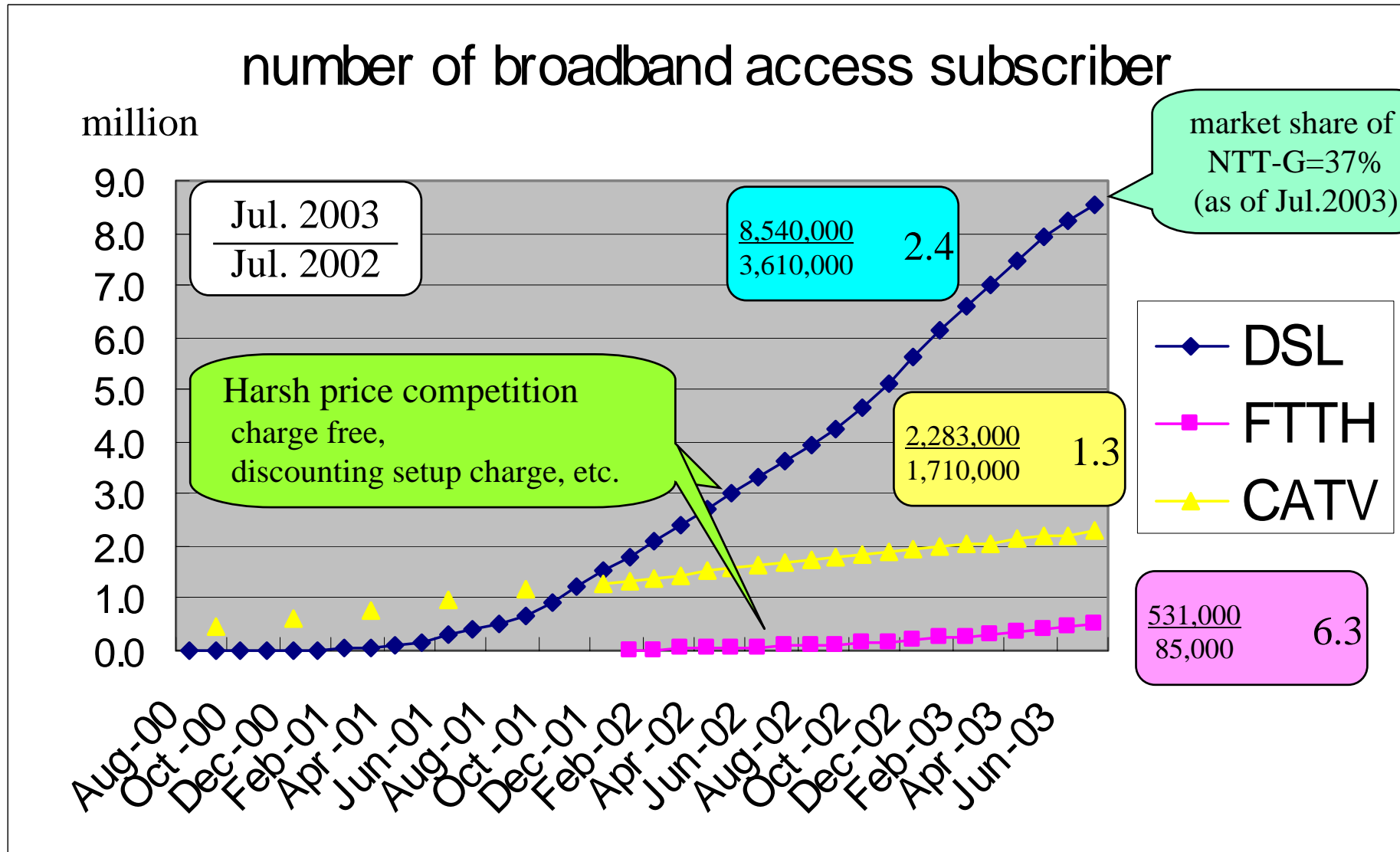
2003.10.2

Makoto TAKANO
NTT West

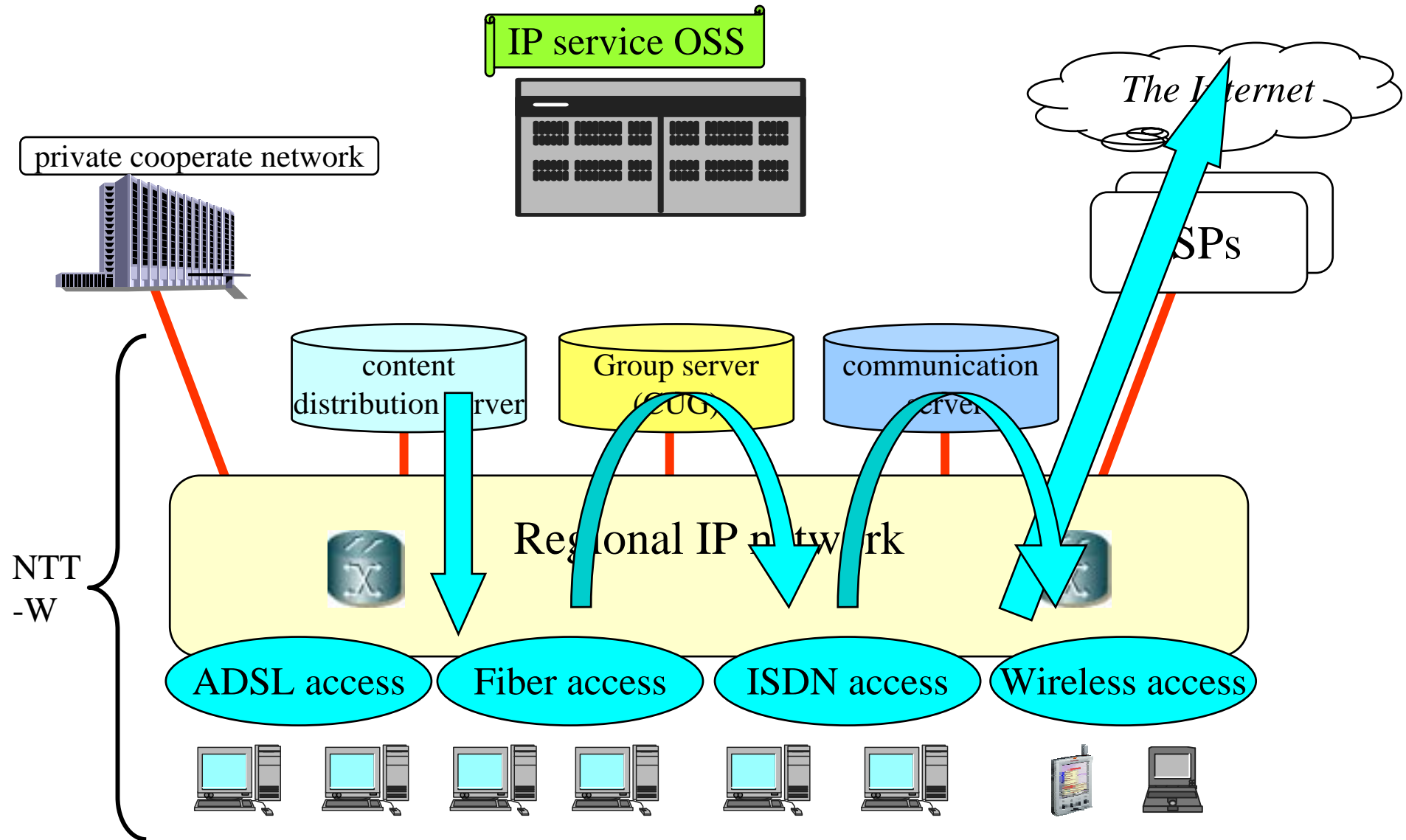
outline

- Recent IP service in Japan and NTT-West
- Recent OSS development in NTT-W
 - approaches
 - results
- Further challenges
 - TMF approach
 - NTT-W approach
- NTT-W approach
 - Simplification of OSS
 - Loose integration among OSSs
 - Revival of “*internal development*”
- Expectations towards APNOMS

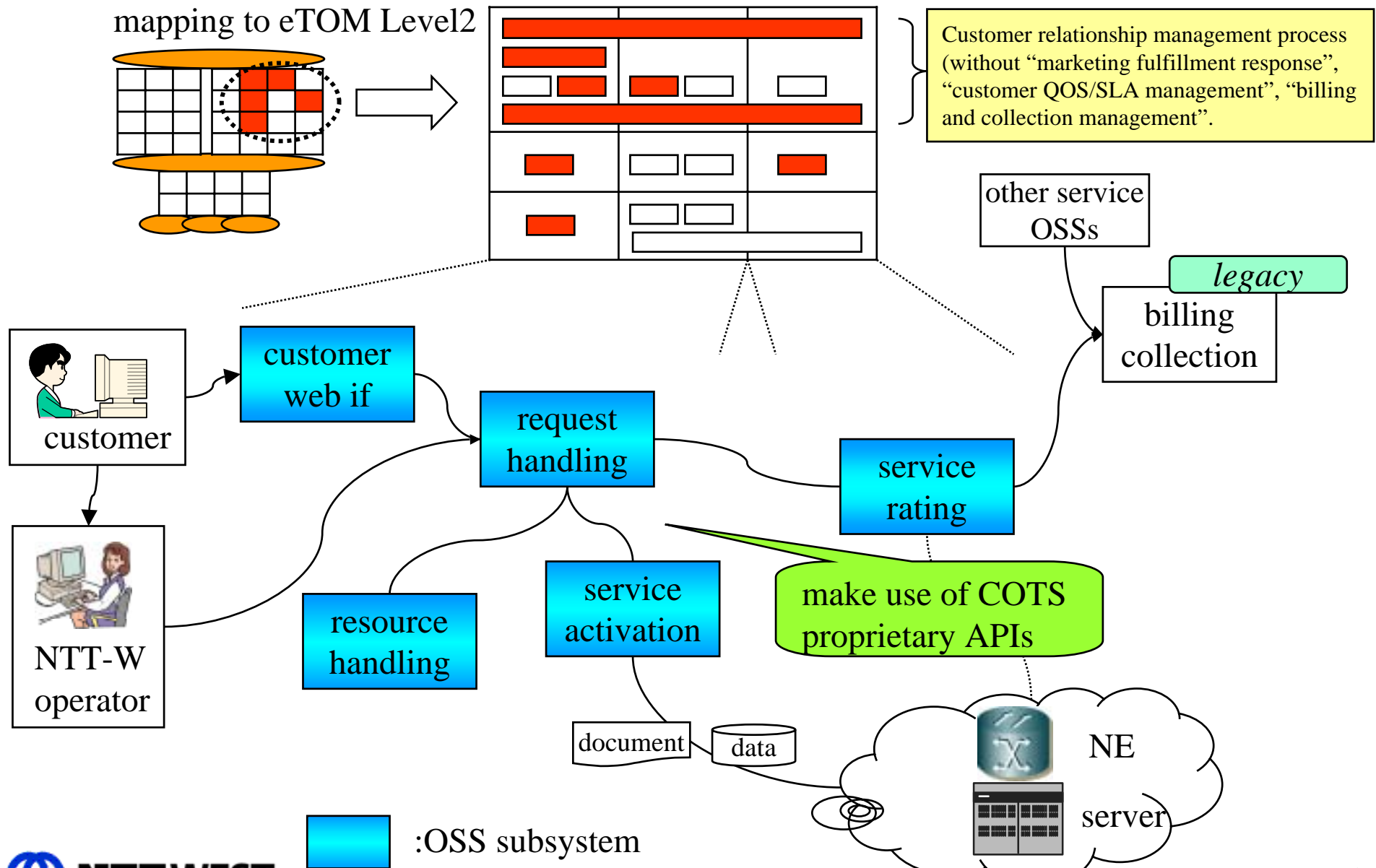
Current telecom service in Japan (internet access)



Example of IP service in NTT-W



Example of IP-service OSS in NTT-W



Approaches and Results

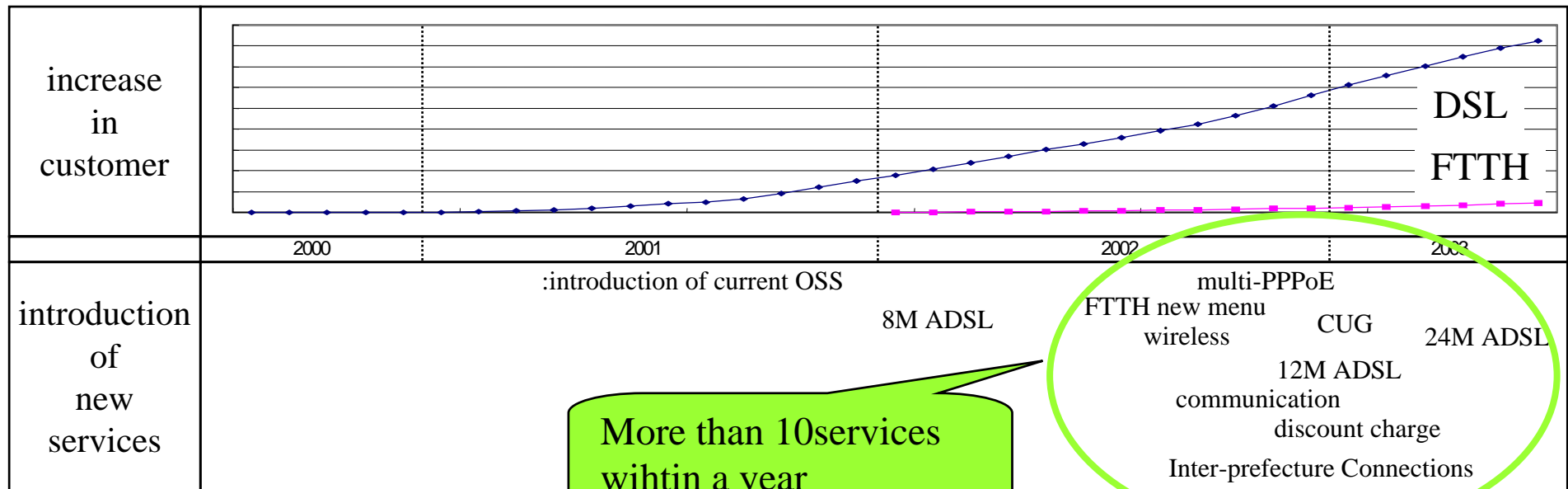
Approaches

- Process definition by using TOM
- Introduction of PKG software
- Introduction of open systems
- Decentralization

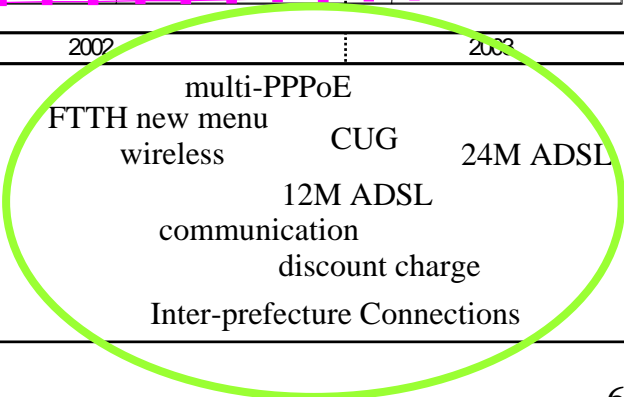


Results

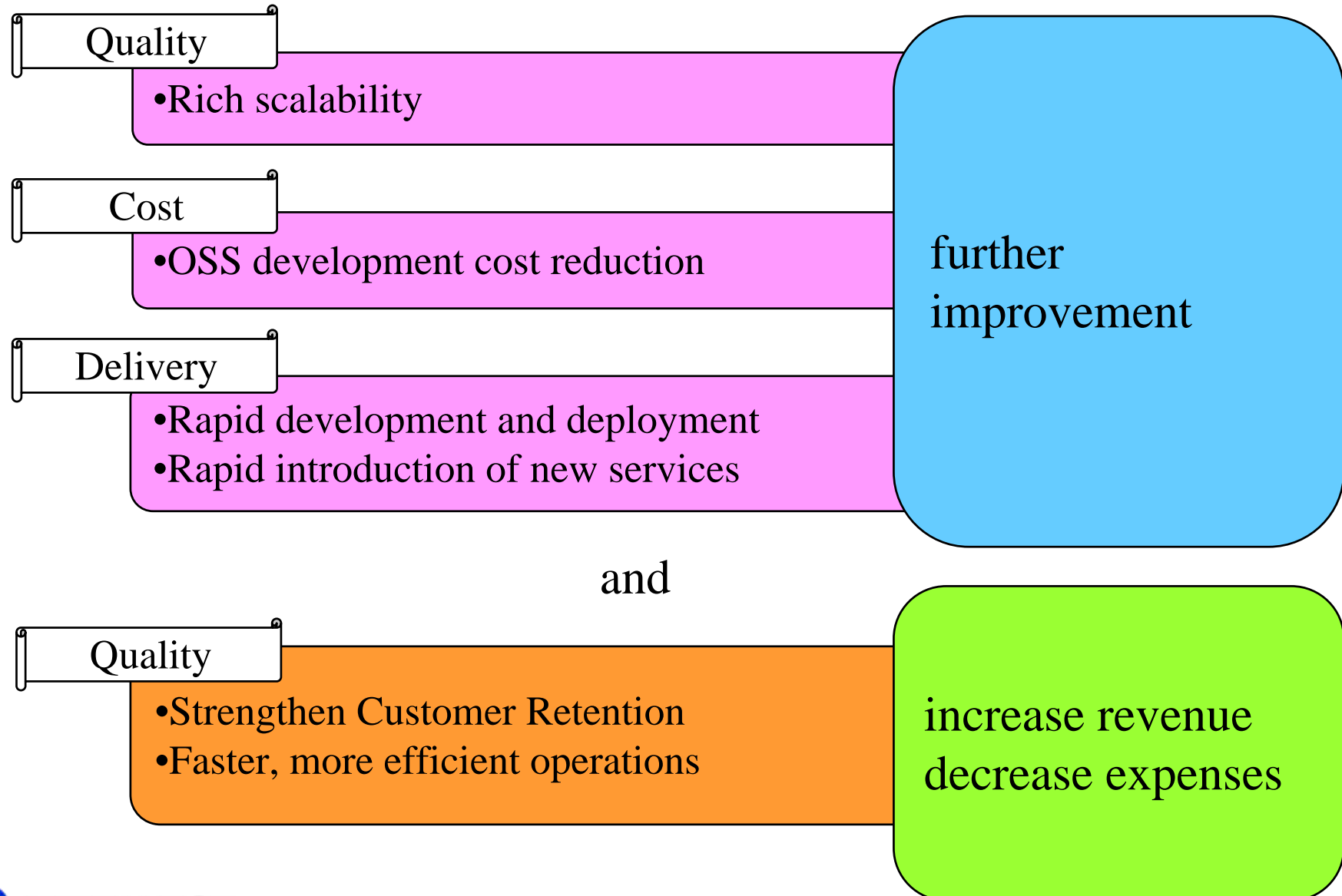
- Rapid development and deployment
- Rapid introduction of new services
- OSS development cost reduction
- rich scalability



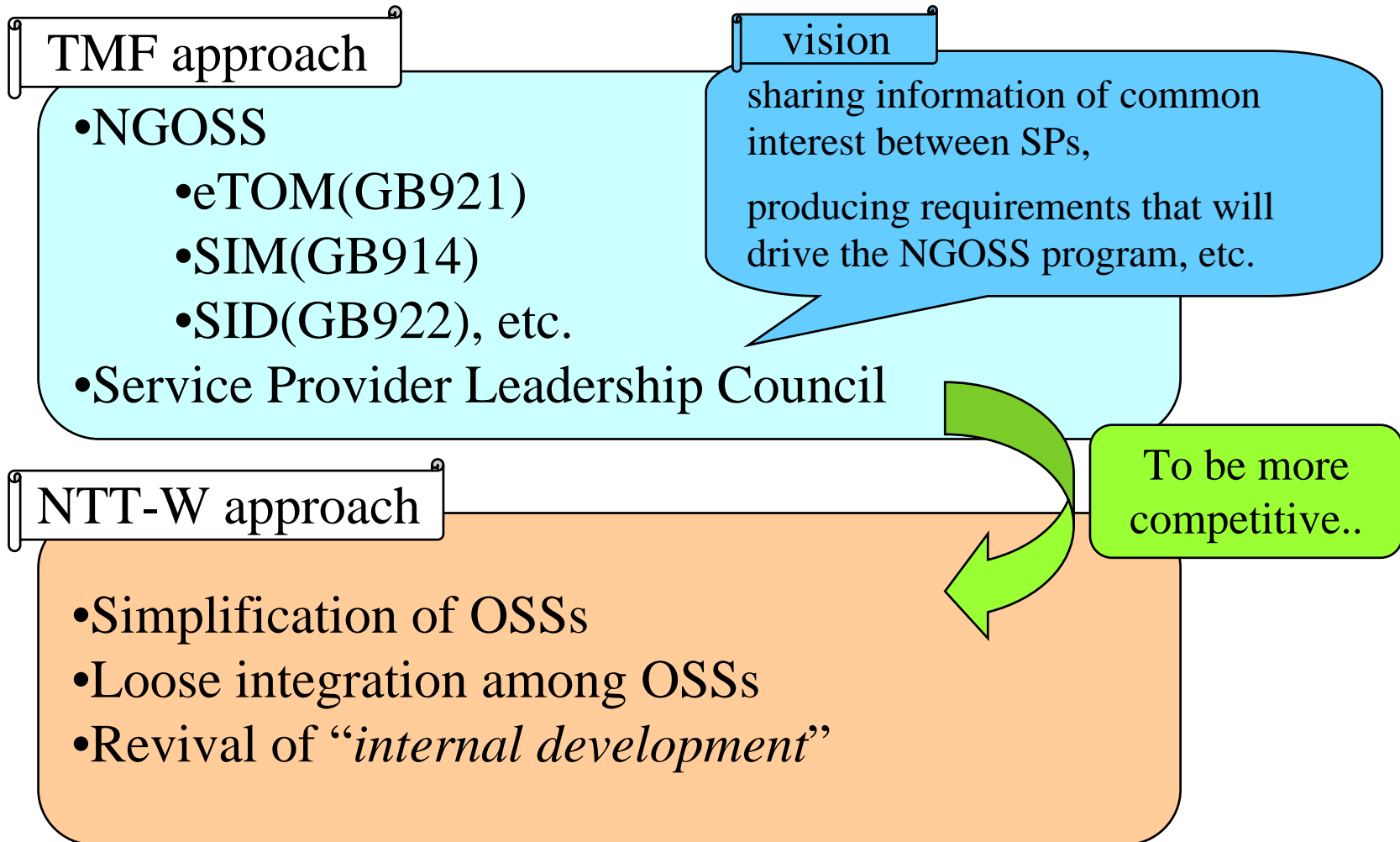
More than 10 services within a year



Challenge going forward

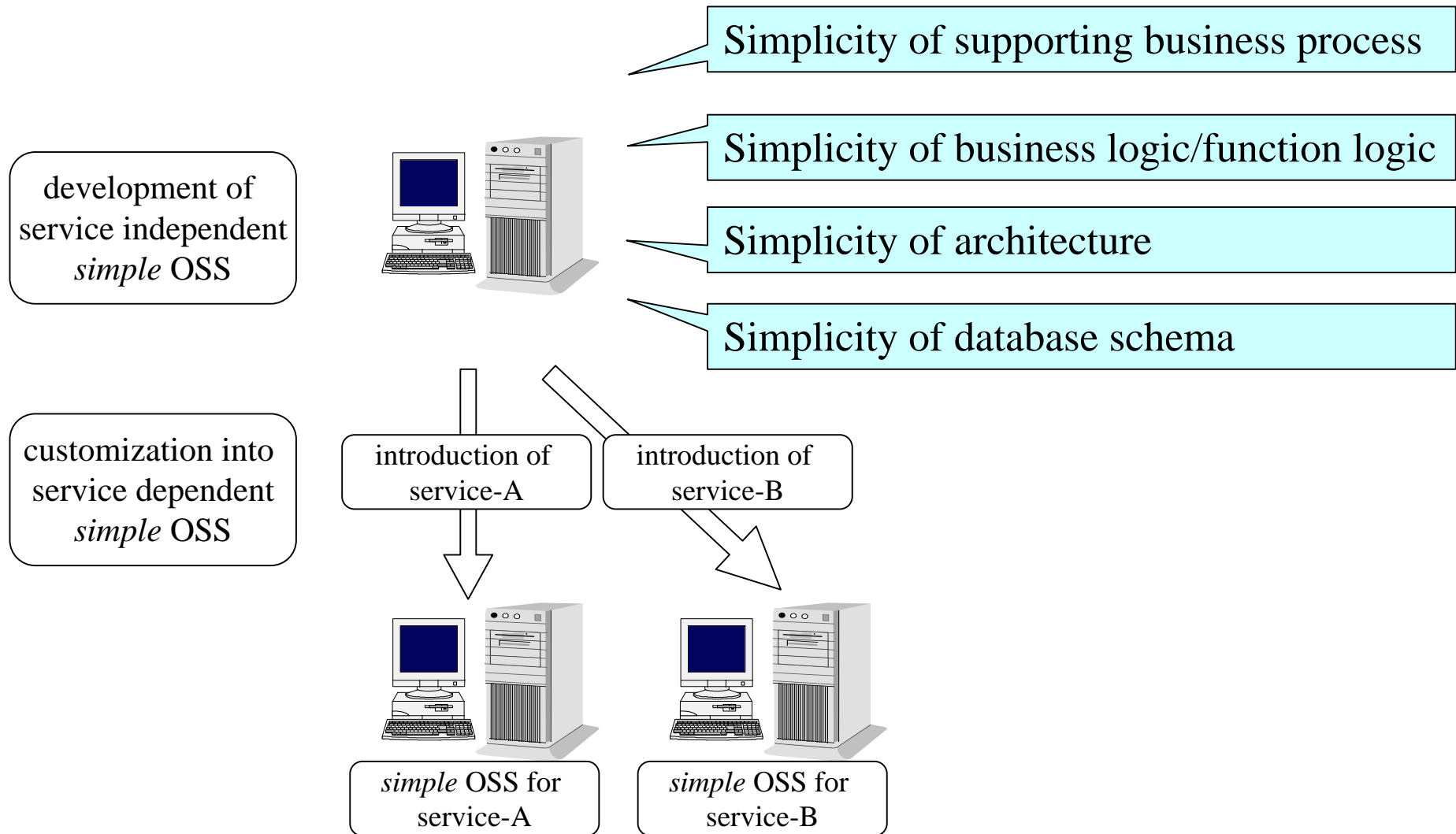


Approaches and Expectations

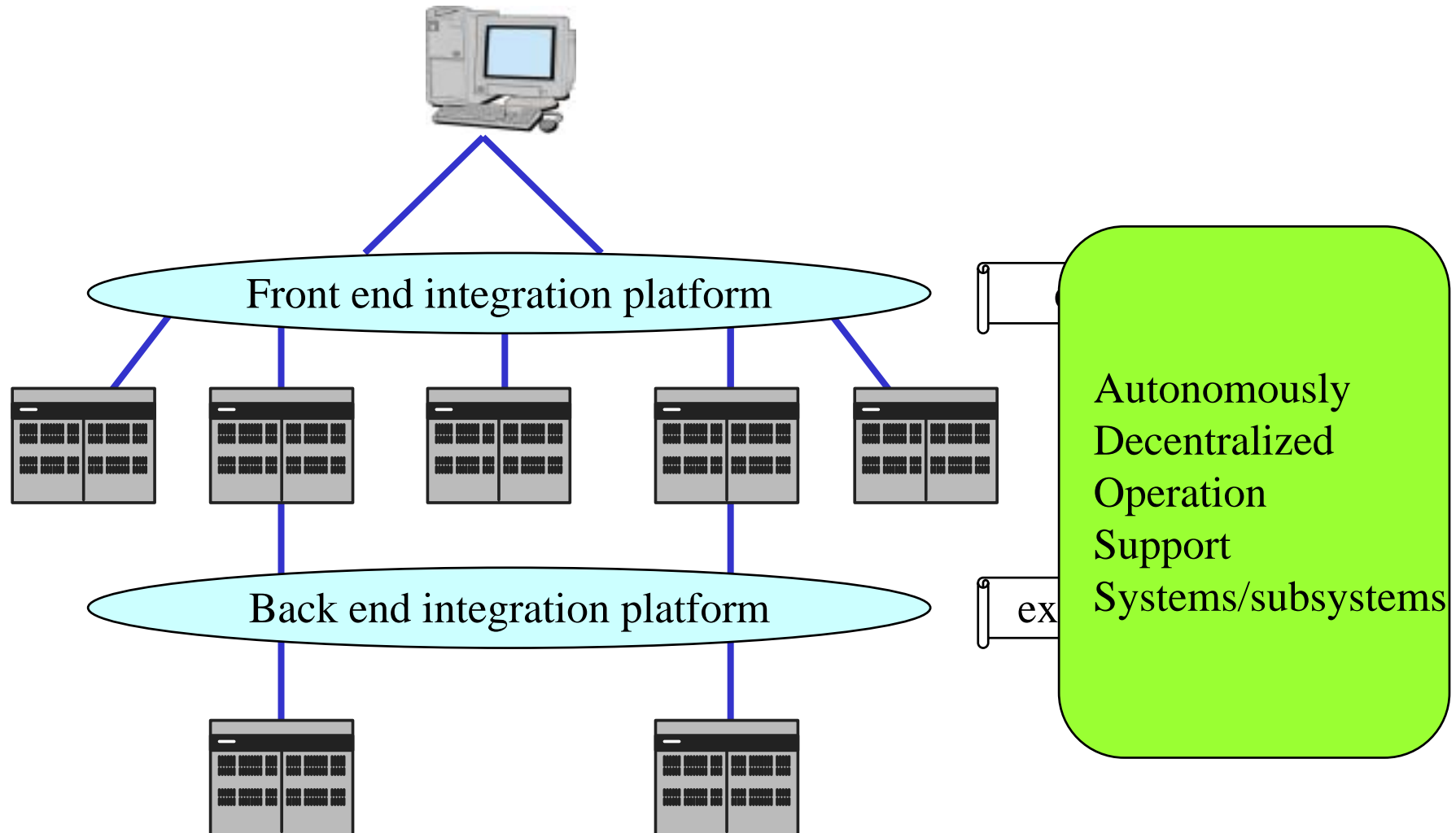


something else?

Simplification of OSSs



Loose integration among OSSs

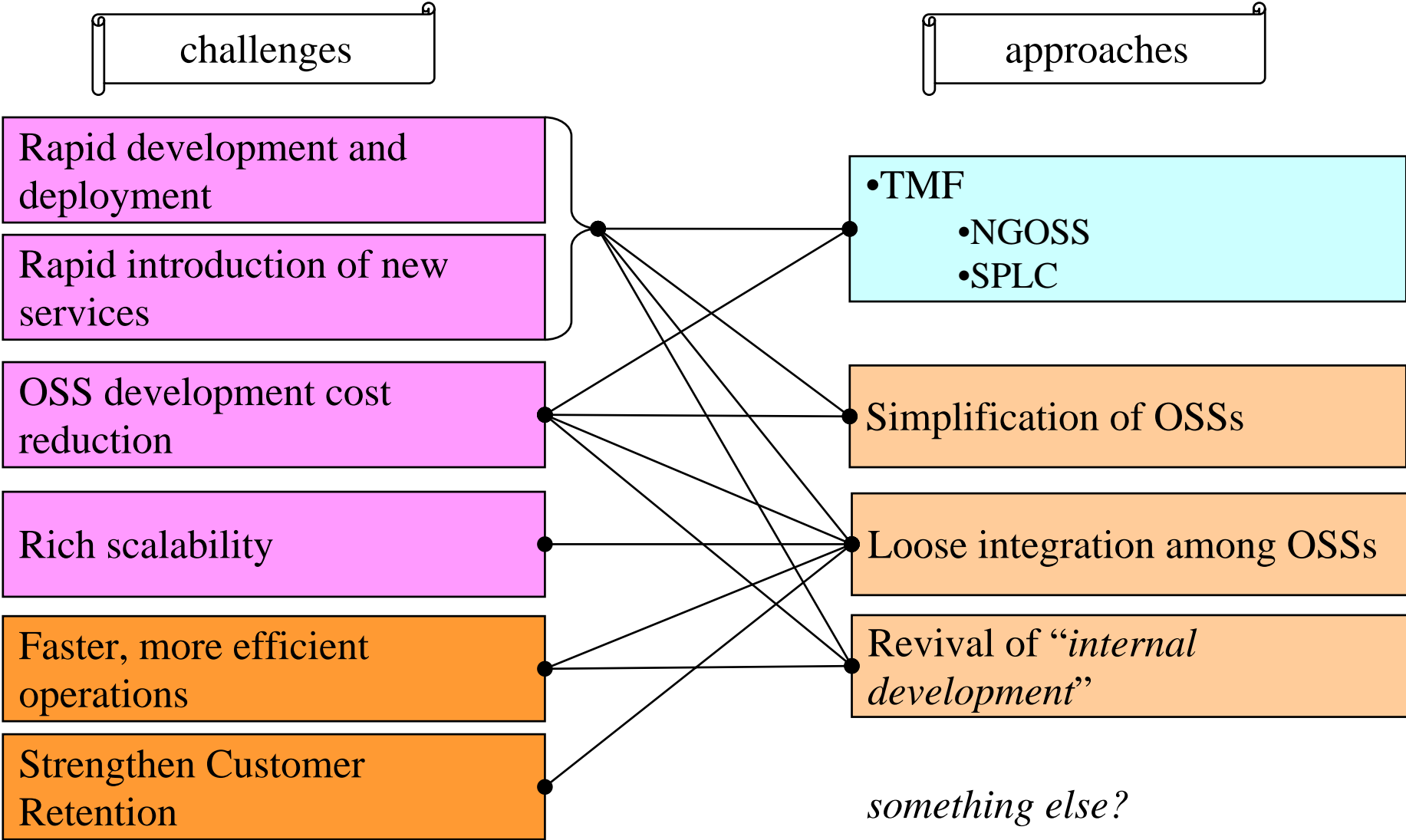


Revival of “*internal development*” (1/2)

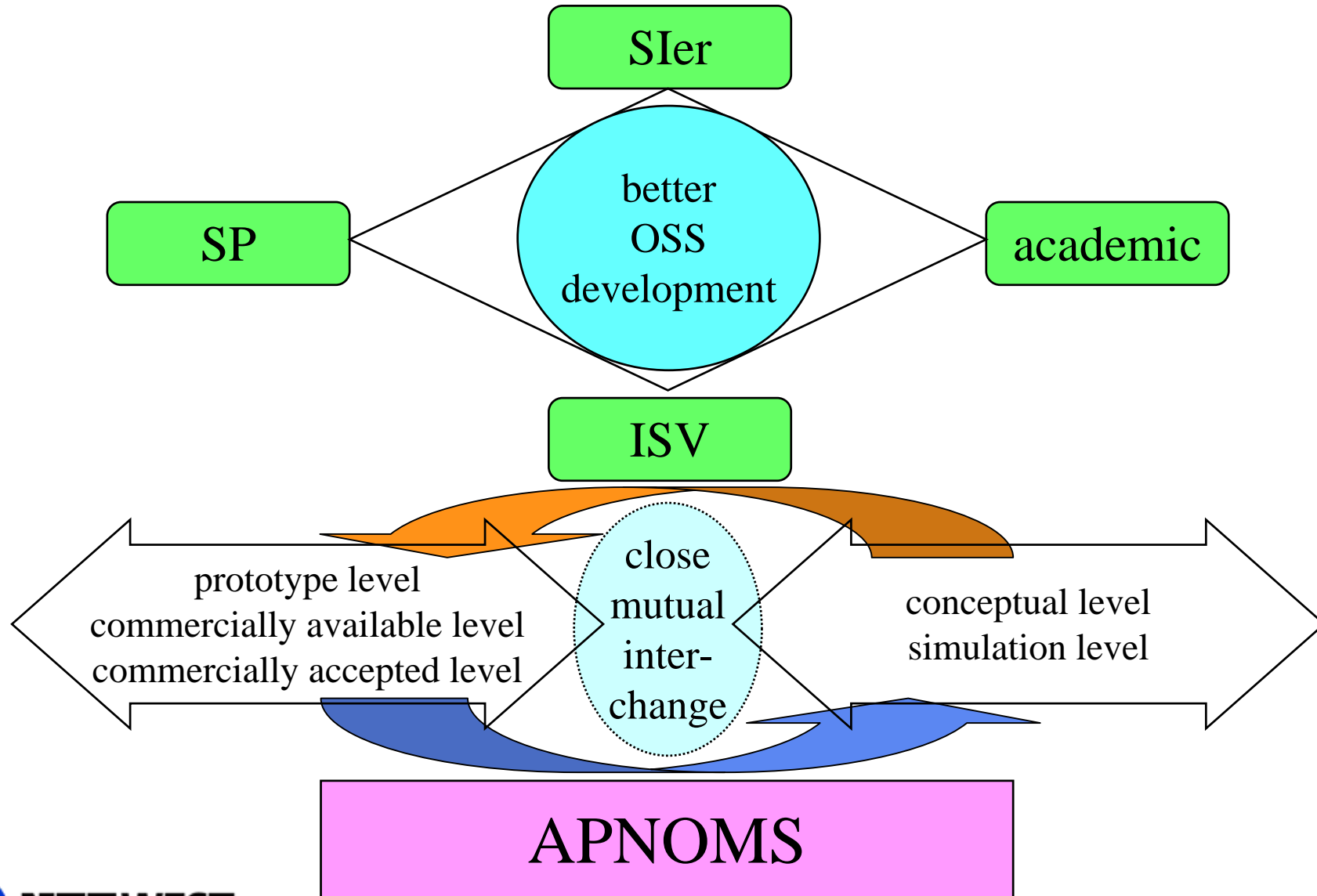
back ground

- Difficulty in making consensus with SIers
- Further shorten upgrade cycles in OSS
- Emergence of sophisticated integrated design environment
 - Eclipse, etc.
- Harsh competition with other SPs/CLECs

How approaches meet challenges?



Expectation toward APNOMS



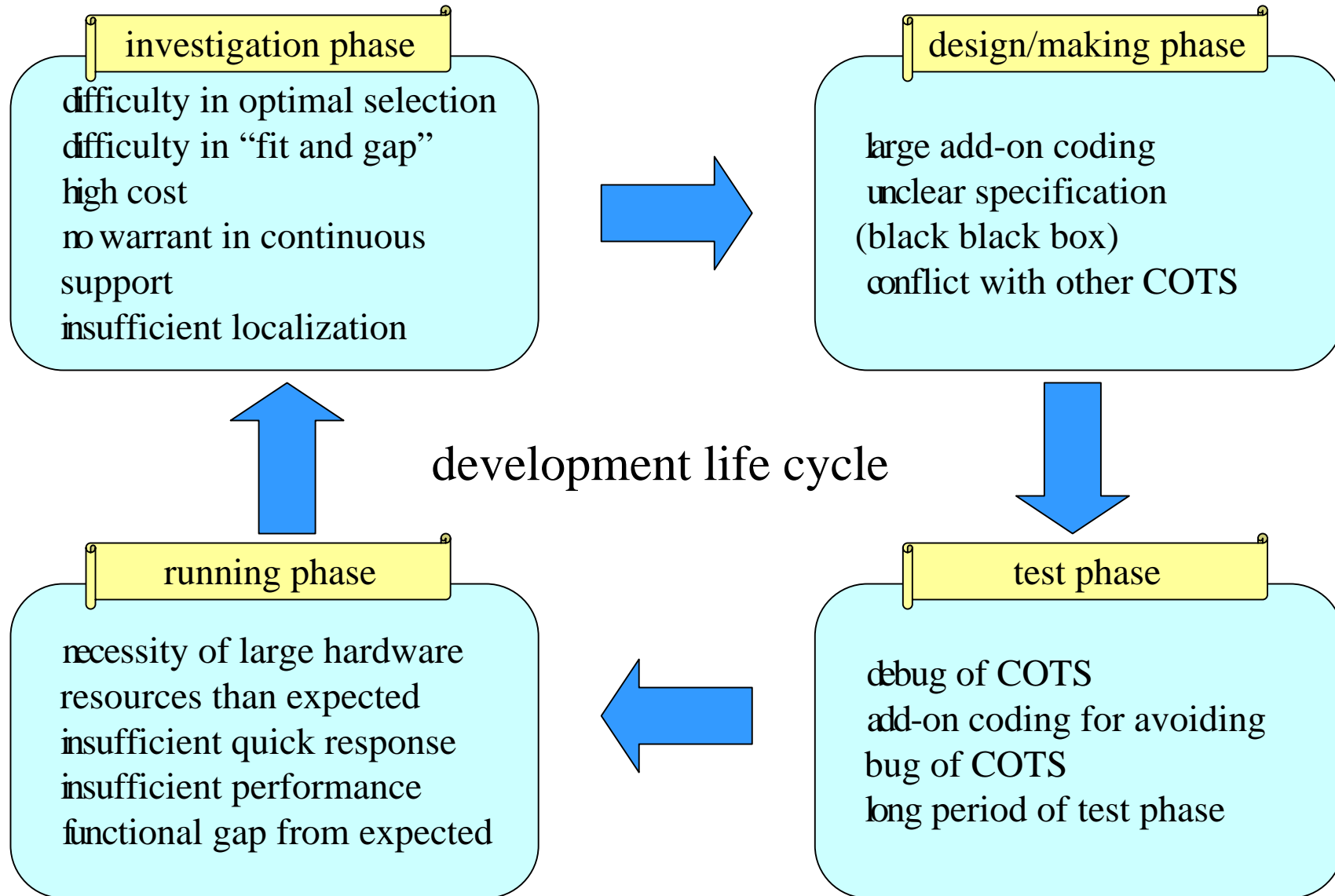
Summery

- OSS development evolution
 - making steady progress but not enough,
- How to drive/promote the evolution
 - TMF approach
 - NTT-W approach
 - something else?

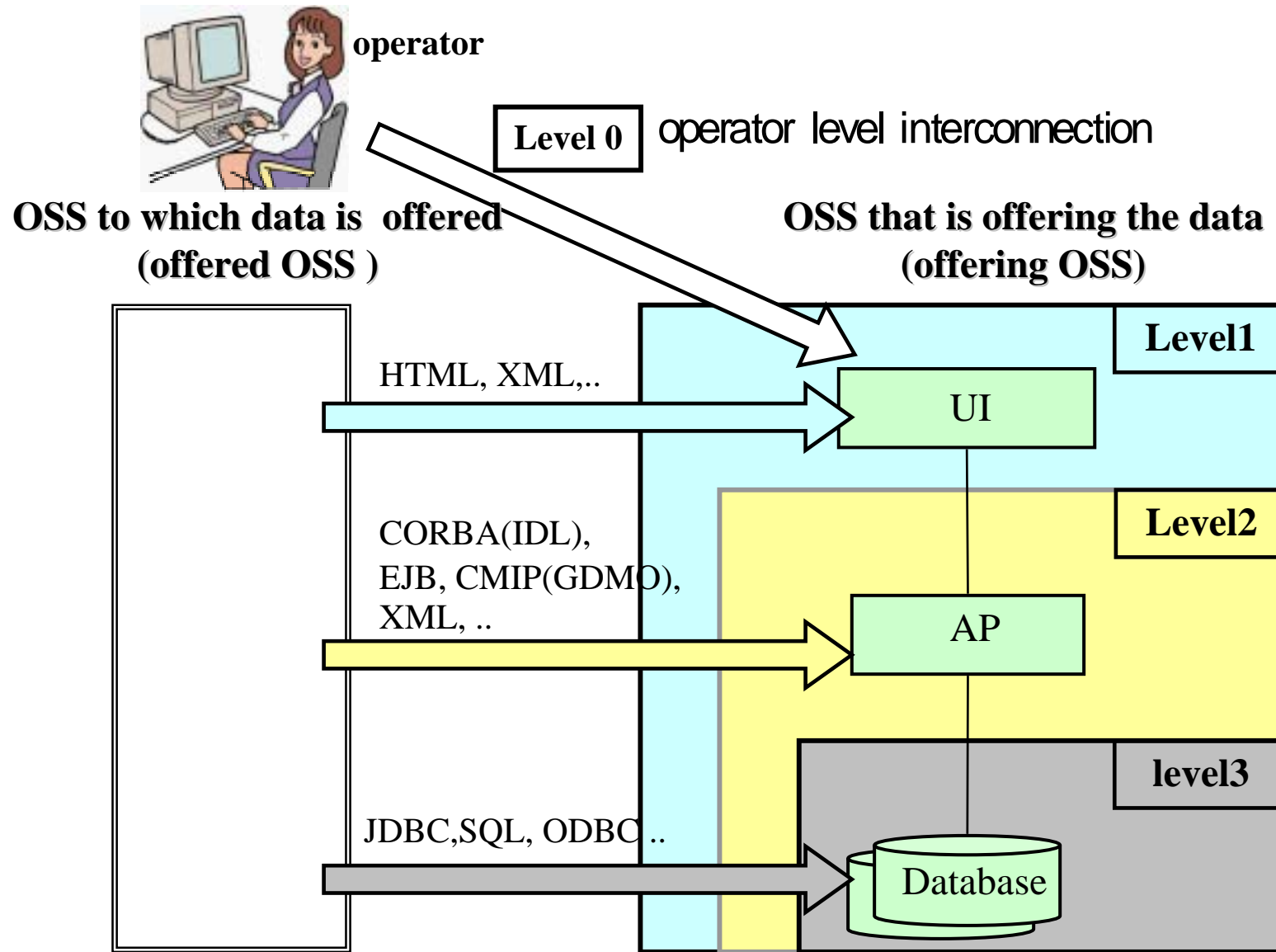
Thank you for your attention.

appendix

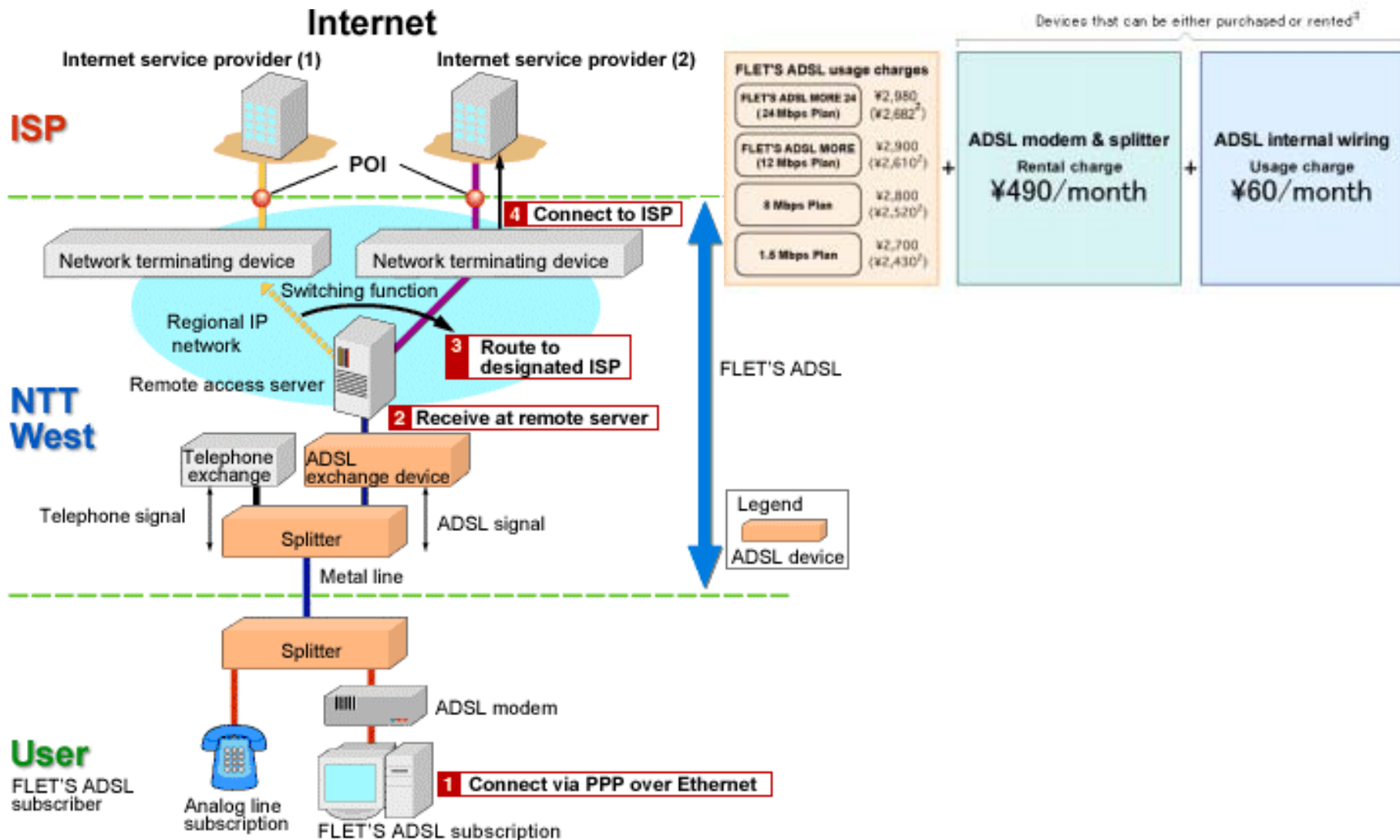
Problems in introduction of COTS



Classification of data reference among OSSs

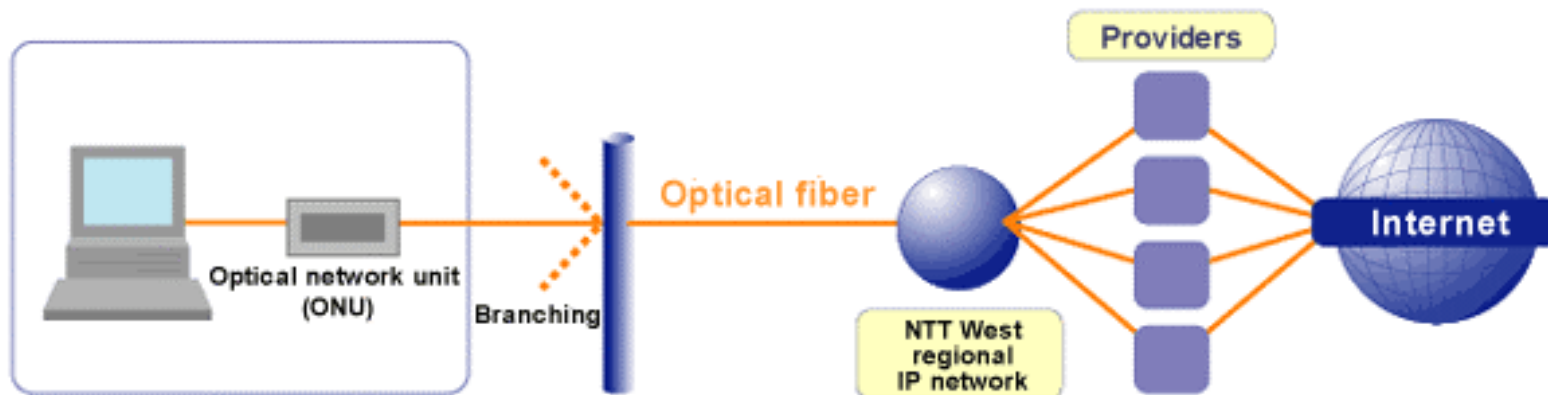


FLET'S ADSL (NTT-E/W internet access service using ADSL)



B FLET'S (NTT-E/W internet access service using optical fiber)

(family type)



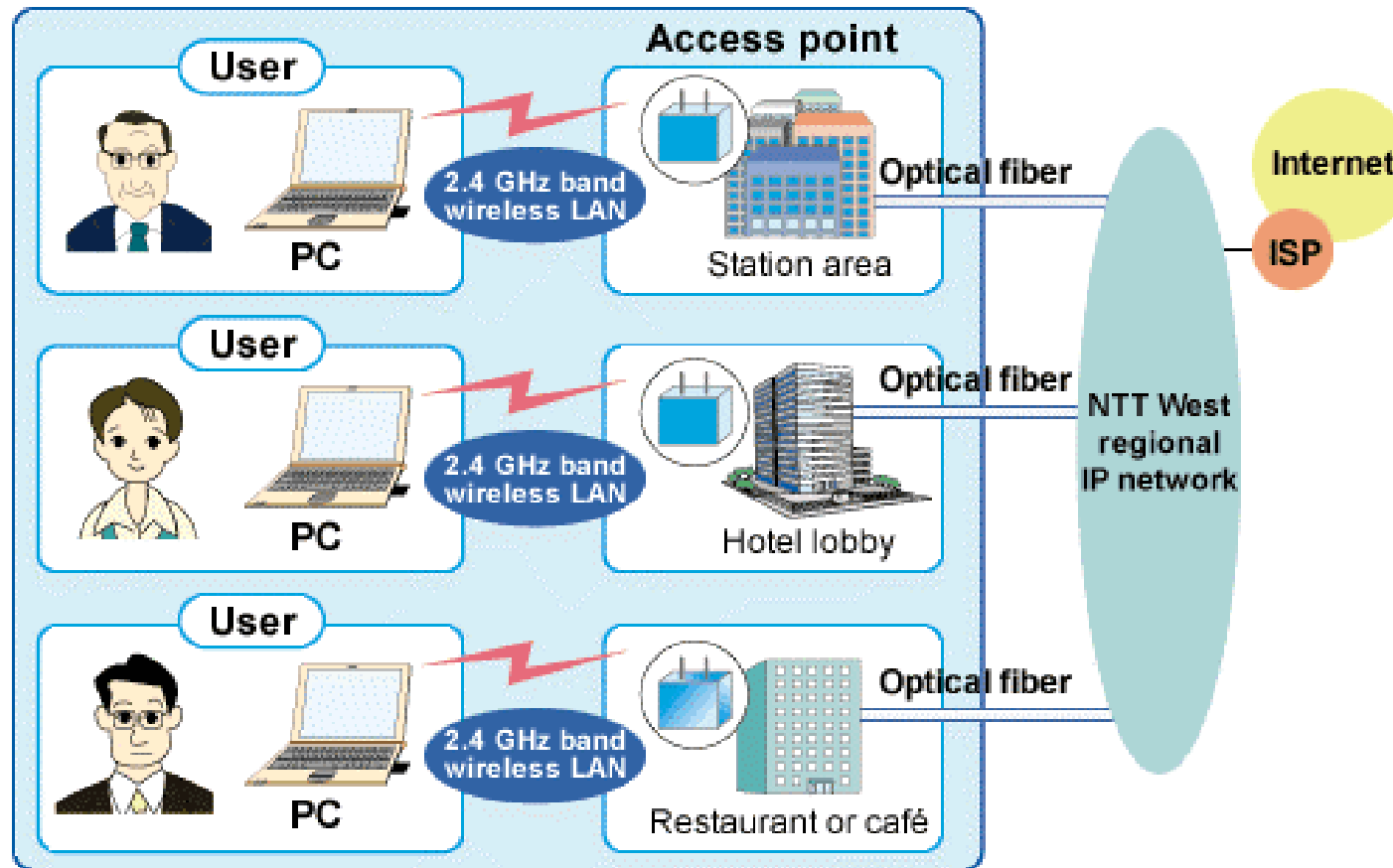
Monthly Charges

Line service charge	¥4,300
Internal wiring usage charge	¥200
Optical network unit (ONU) rental charge	¥900

Start-Up Cost

Contract fee	¥800
Installation charge (may differ)	¥27,100

Wireless access



Monthly charges ¥800 (per subscription)

Installation charges Standard plan: ¥2,000

High Security plan (IEEE802.1x) : ¥3,000

IP service OSS mapped to eTOM

