FOSS in VietNam

Opportunities and difficulties

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Why we use FOSS ?

- Limit budget

- Copyright

- Technology

- Reduce the dependence

Implementation

- Promulgate policies
- Propagandize, increase user's awareness of FOSS
- Immigrate to FOSS in government offices
- Customize and localize FOSS products
- Train FOSS in universities and schools
- Form the FOSS communities
- Organize FOSS forums, workshops and seminar, national conference

Policies

- Instruction 07/2008/CT-BTTTT dated 30/12/2008 to speed up using OSS in government offices. It shows that until 30/6/2009, 100% PCs of IT departments in ministries and departments has been installed OSS. OSS training courses will be organized for officers to guarantee 50% of them can control it as well as has ability to teach the others....
- Decision 50/2009/QĐ-TTg dated 03/04/2009 provides annually budget for development IT have a part use for developing FOSS applications.

...

Results

- Many provinces, cities, ministries, enterprise and SME used FOSS for developing website and database.
- Approximately 70 universities, colleges in Viet Nam used Moodle.
- Vietnamese version: Ubuntu, Asianux OS for Server, Asianux for workstation, OpenOffice, Unikey, xvnkb, Scim.
- FOSS, ODF carnival.
- A member of Asianux consortium.

Advantages

- Support from government (include policies and budget).
- Support from the media, enterprises and community.
- Determination in using copyright softwares.
- Increase local companies join the market.

Disadvantages

- Idea “ Free is unvalued”
- User habit, lazy in changing
- Less of immigration power
- Not absolutely solving the copyright violate
- Lack of policies
- Products suit for Vietnamese user are limited

“Benefit getting from FOSS is obvious,
but deployment is not easy”

Conclusion

- Have the success, but not adequated

We continue:

- Encourage user in changing the habit and awareness
- Immigrate in one-by-one step, user benefits are ensured
- Focus on customize and localize FOSS products existed
- Participate the FOSS communities in the world to exchange the experiences

Thank you

Viet Nam iDragon Project and Cloud Services

Viet Nam National Institute of Software and Digital Content Industry (NISCI)
and
Business Cooperation Contract (BCC) with Japanese partners

Ha Noi 26th February 2010

Nguyen Duy Kien

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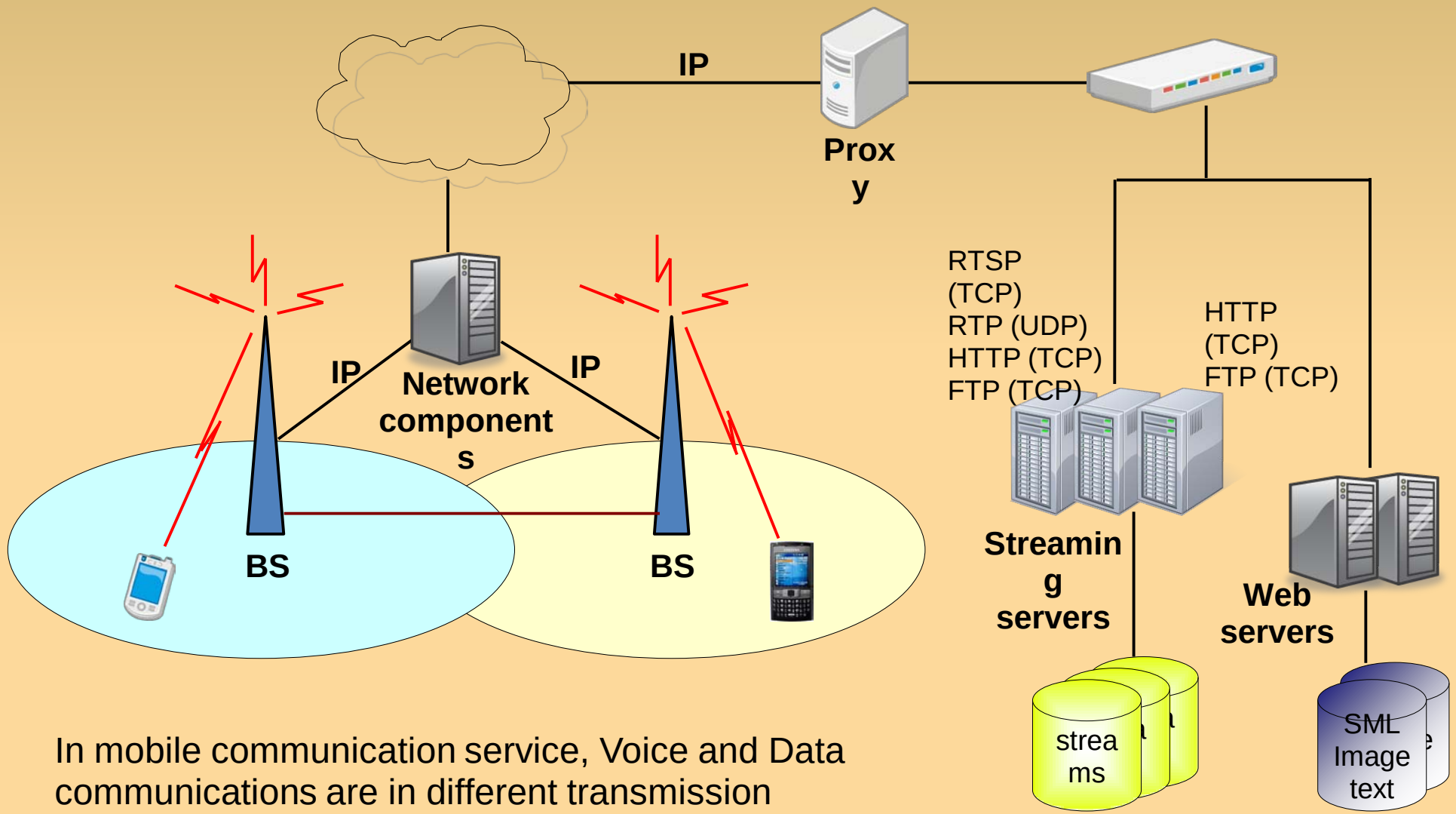
NISCI R&D Innovation on New Product and Services

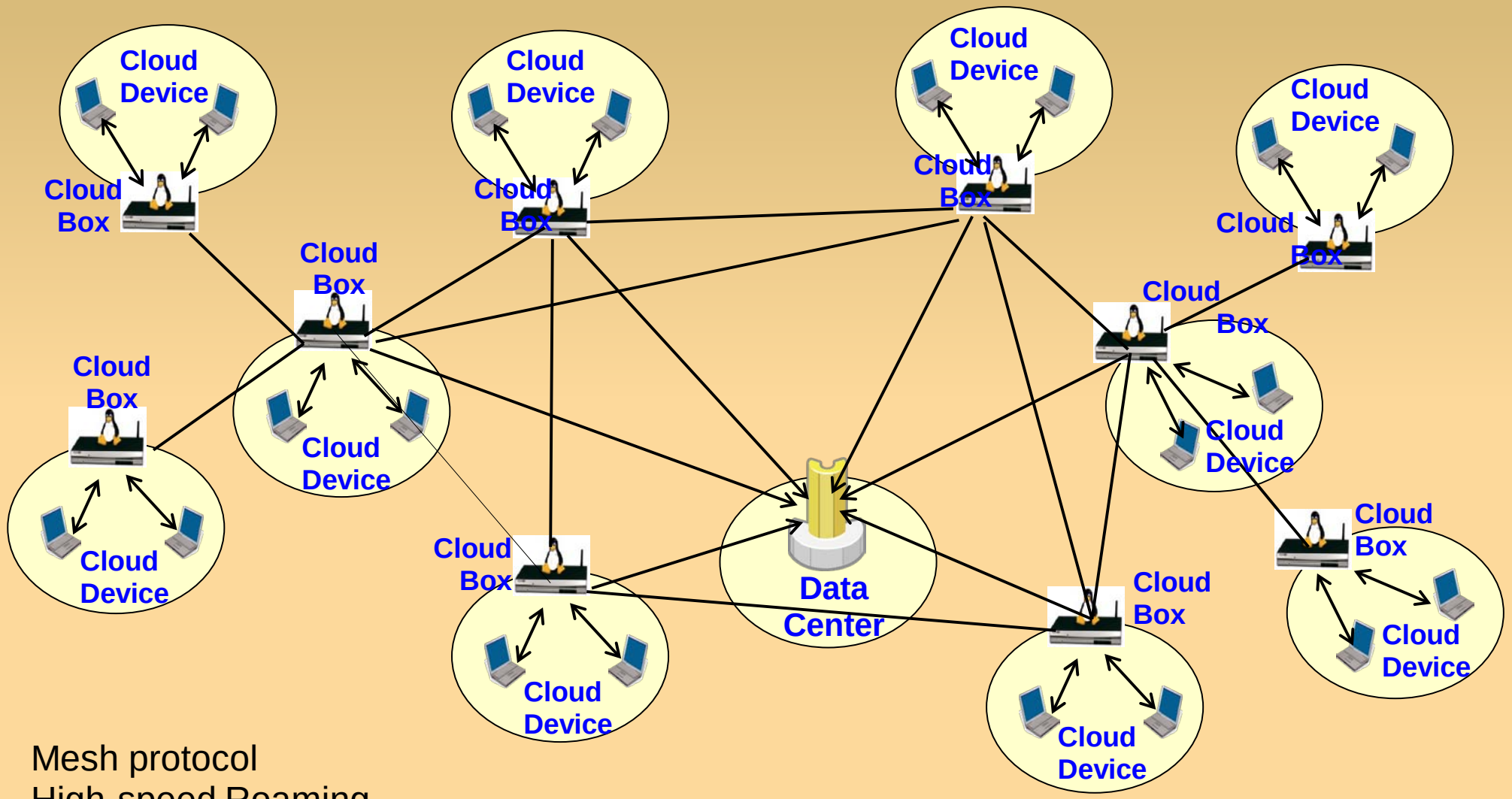
- **iDragon project**
  - **Cloud devices, Cloud access devices**
  - **Cloud services delivery**
- **Cloud services**
  - **Single sign-on User ID for all Cloud services**
  - **Integrated Mail/VoIP/Video conference services**
  - **User data storage / back-up / retrieval services**
  - **Document imaging and management services**

Mobile Communication Service Model



In mobile communication service, Voice and Data communications are in different transmission

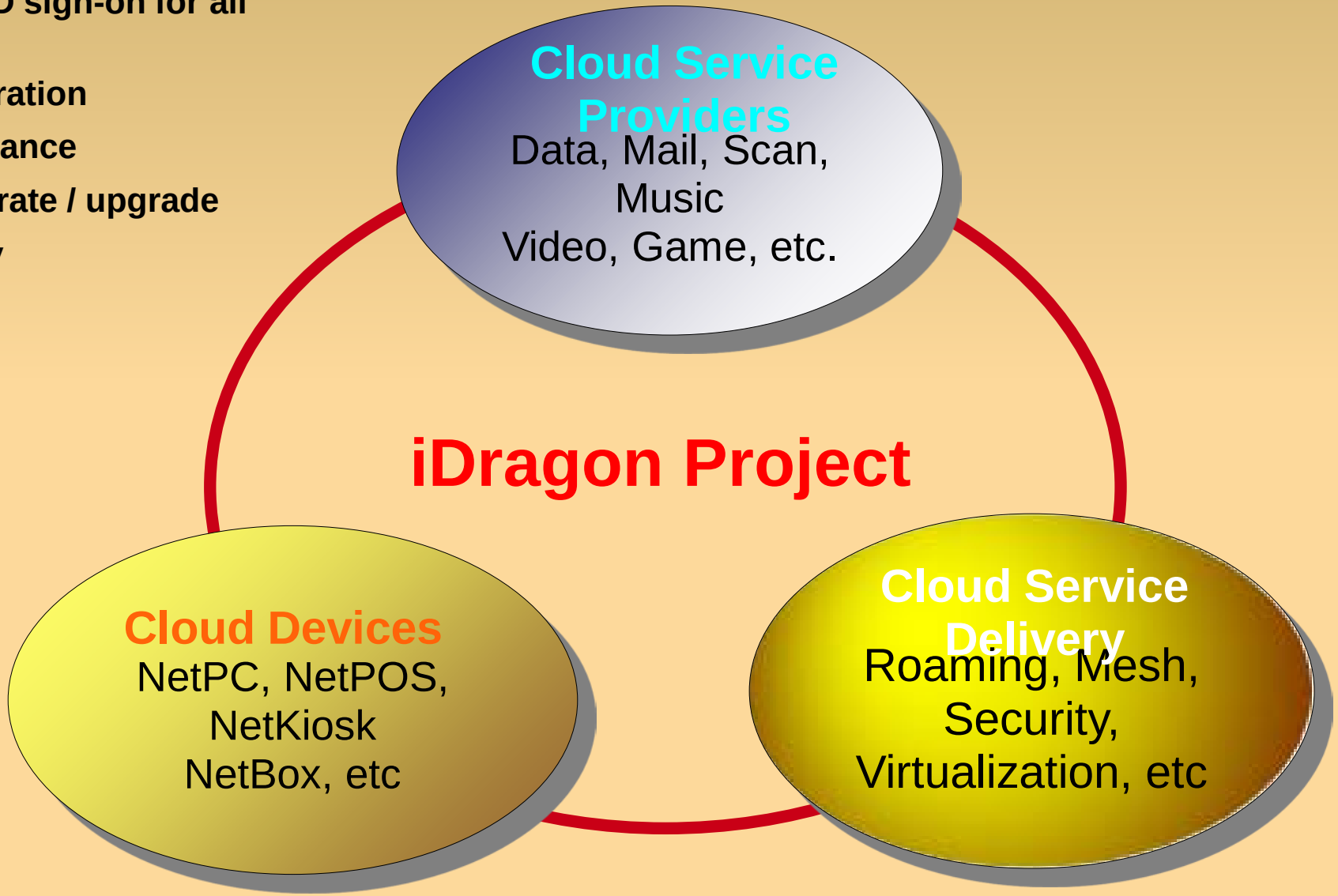
iDragon Cloud Model



Mesh protocol
High-speed Roaming
Secure LAN / WLAN
Digital content services
etc.

iDragon Cloud Services Development

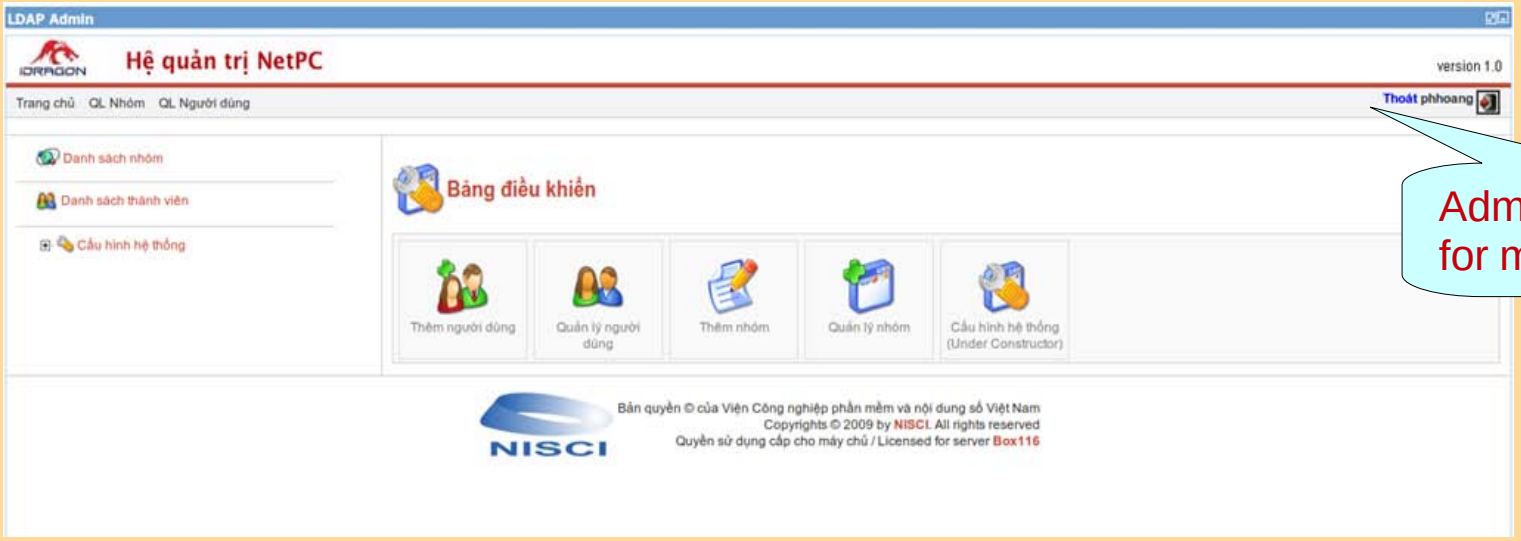
- **Single User ID sign-on for all services**
- **Auto-configuration**
- **High Performance**
- **Easy to integrate / upgrade**
- **High Security**



Initial iDragon Cloud Services

- **Single sign-on / User ID management**
- **Integrated Mail/VoIP/Video conference services**
- **User data storage / back-up / retrieval services**
- **Document imaging and management**
- **etc.**

Distinguish automatically user with manager



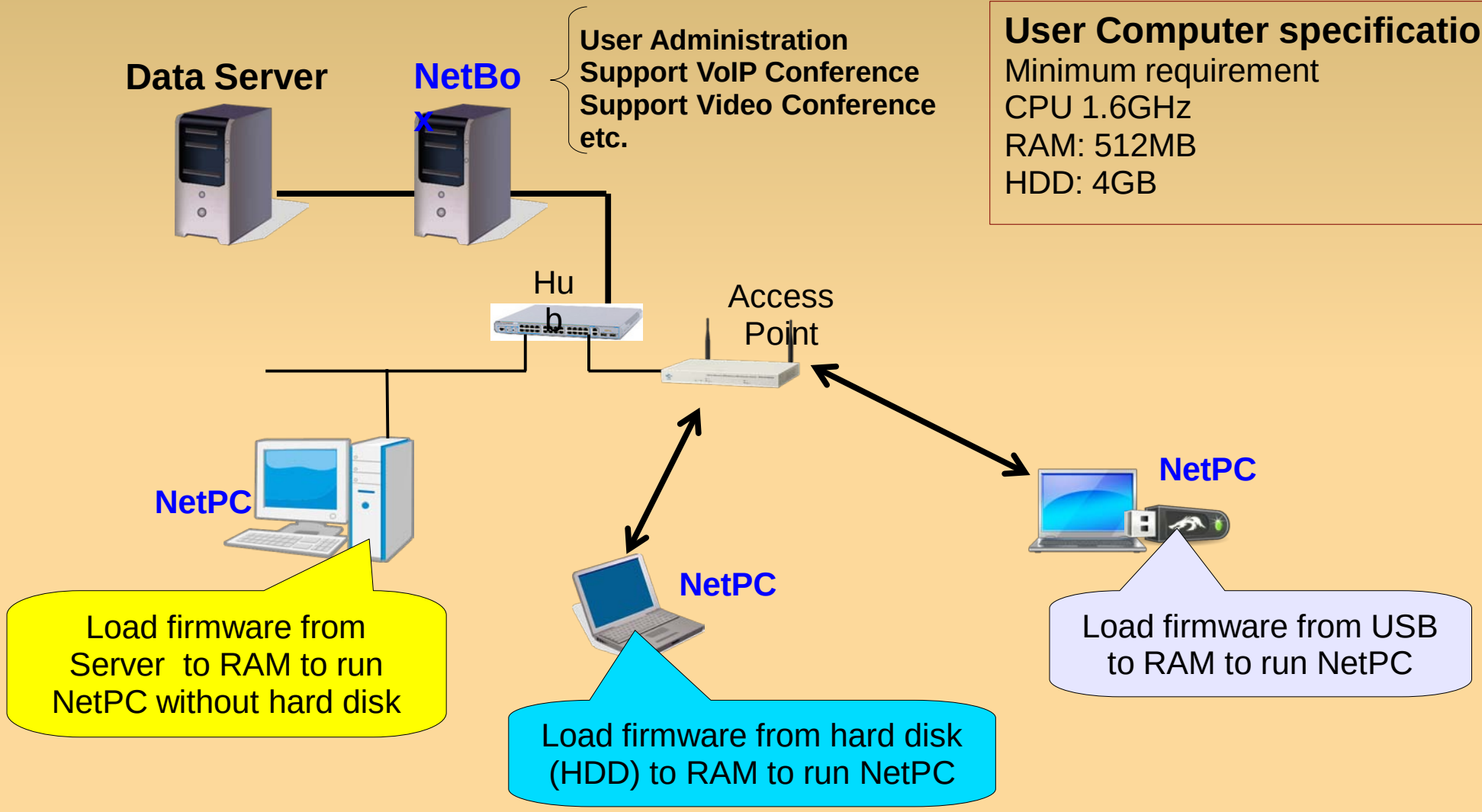
Administration window for manager

NetPC & NetBox - 1st Cloud Devices

- **NetPC** is the first Cloud device capable of auto-configuring and accessing Cloud [roaming] services by using only single User ID.
- NetPC is being used to apply to Office automation, Education, Finance, Public security, Health care, Entertainment, etc.

- **NetBox** is an access device to provide LAN/WLAN connection for NetPC devices.
- NetBox is to support user management, Mail / VoIP / Video Conferences, Roaming / Mesh and Security.

Cloud Devices: 1st NetPC/NetBox

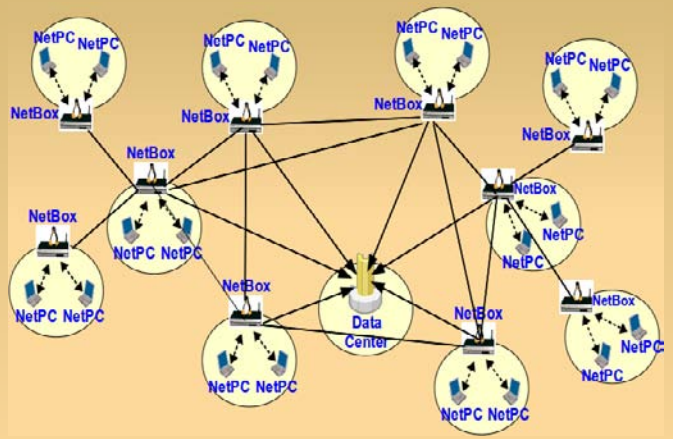


User Computer specification
Minimum requirement
CPU 1.6GHz
RAM: 512MB
HDD: 4GB

Take a look at demonstration

Toward Success of Viet Nam iDragon Project and Cloud Services

- **Strong support of Viet Nam MIC and Japan MIC**
- **Strong cooperation of foreign technology partners: Intel, IBM, Panasonic, T-SS, MobileTechnika, etc.**
- **Strong participation of Vietnamese partners: VNPT, VCCI, CMC, VDC, Viami, AT, OSP, VTM, etc.**



Thank you !

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