

# APEET ENUM/SIP Live Trial

at  APRICOT  
2005 KYOTO

<<http://www.apenum.org/APRICOT2005>>

9 Mar 2005

62nd IETF ENUM WG

APEET <<http://www.apenum.org/>>

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## Some background

### ■ APEET

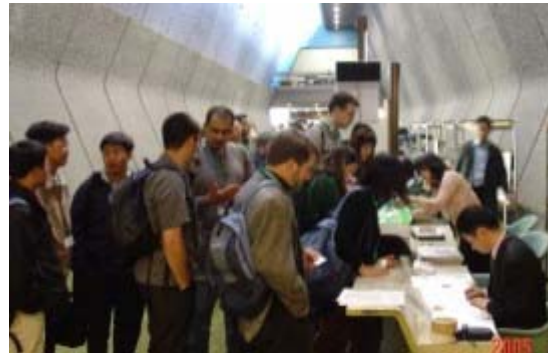
- Started in 2004, APEET is an informal project team comprised of engineers from CNNIC, JPRS, KRNIC, SGNIC and TWNIC and other invited experts.
- The goal of APEET is to conduct joint trials and to promote the development of ENUM and its related technology such as SIP.

### ■ APRICOT

- Asia Pacific Regional Internet Conference for Operational Technologies

## Objective of the Live Trial

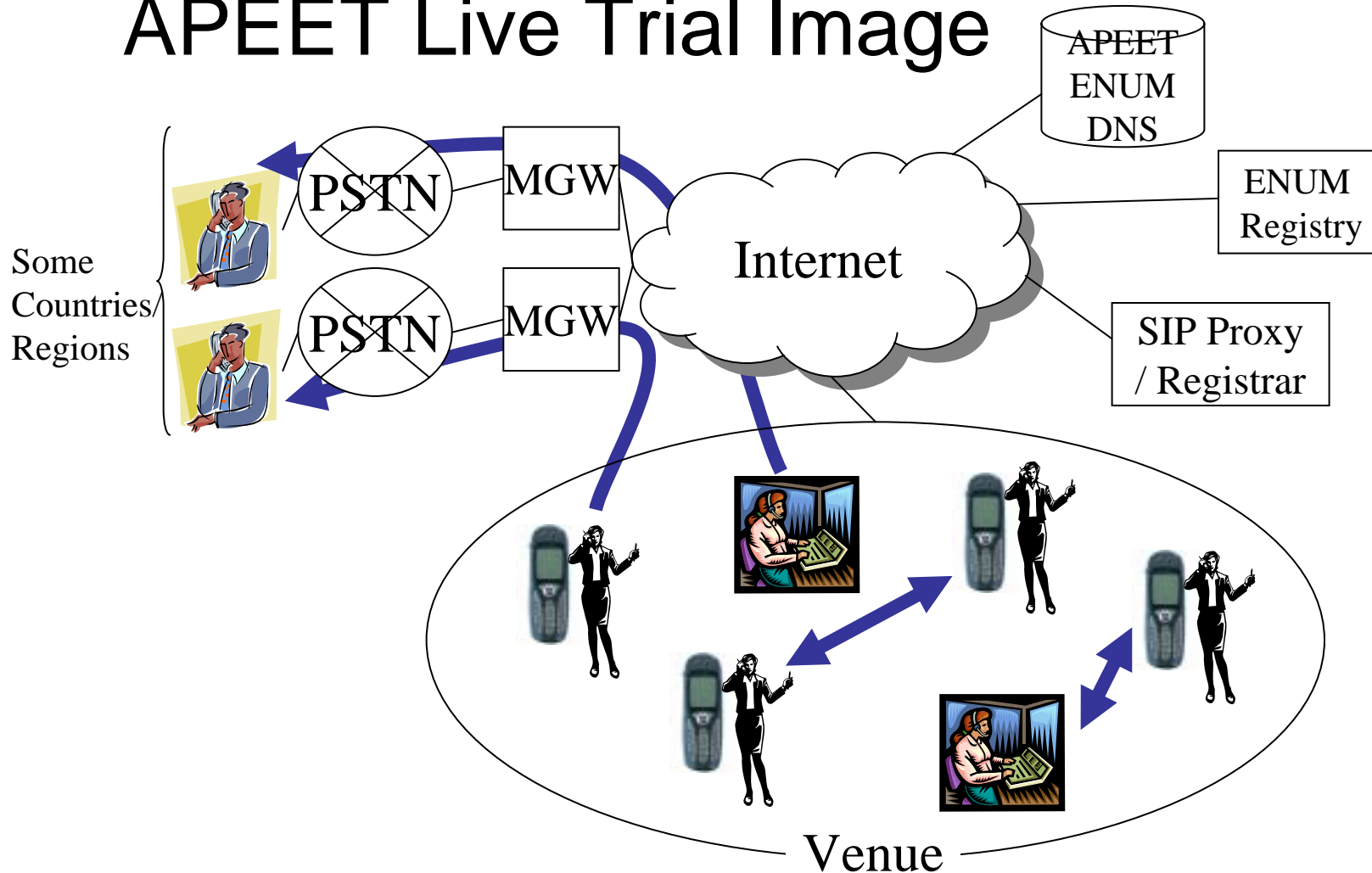
- Provide an opportunity to have ENUM/SIP experience for every APRICOT2005 participant
  - ENUM
    - Information registration and Number resolution
  - SIP
    - Voice communication between participants
- Not providing 'Telephone service'
  - No Warranty, No Guarantee
    - Connectivity, Quality, etc.



## What participants did

- SIP communication between APRICOT2005 participants who have SIP phone
- Oversea phone call
  - Countries/regions are limited
- ENUM Information registration
  - You can edit your information
    - URIs associated to your ENUM Number
    - Phonebook (opt-in)

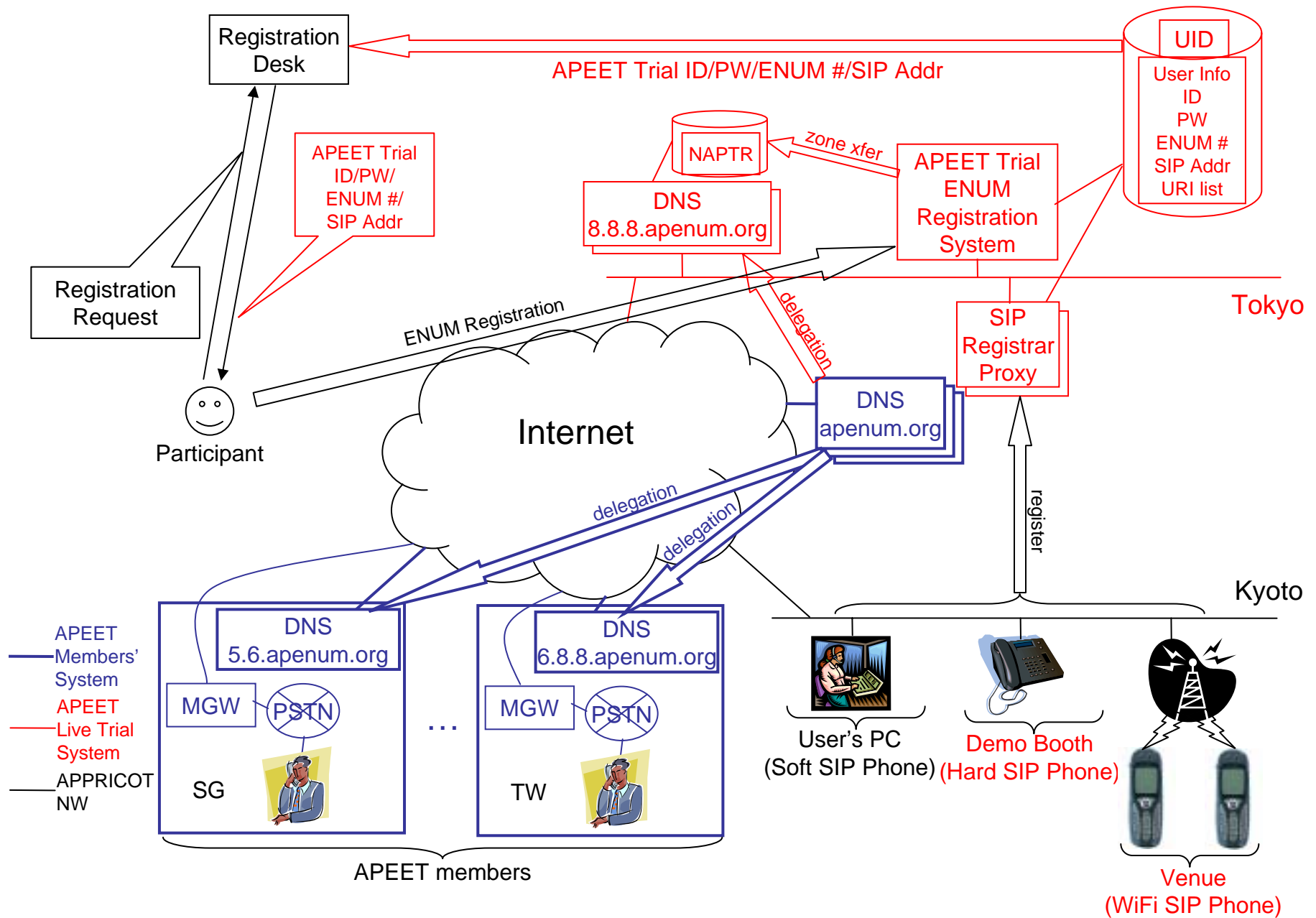
### APEET Live Trial Image



# System Diagram

APRICOT2005

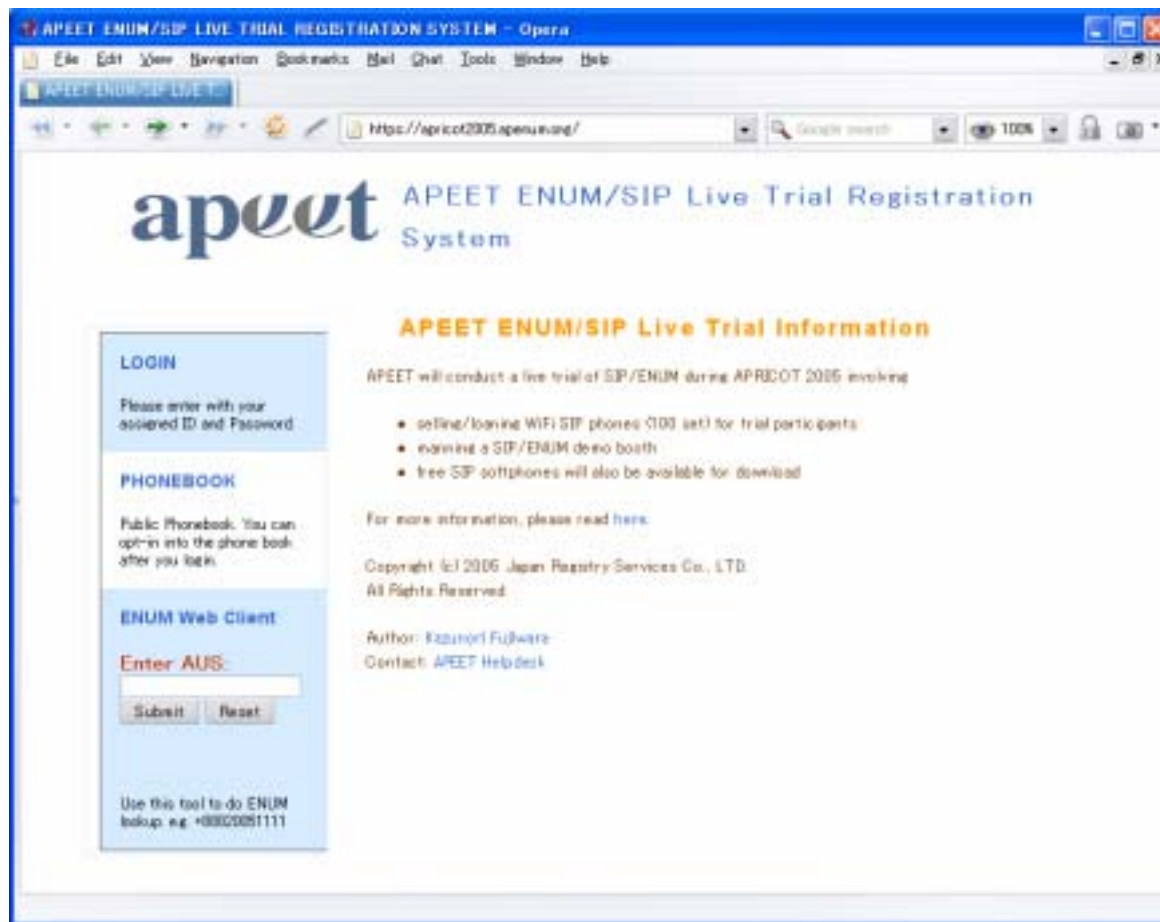
APEET





## ENUM Registration system

<http://apricot2005.apenum.org/>

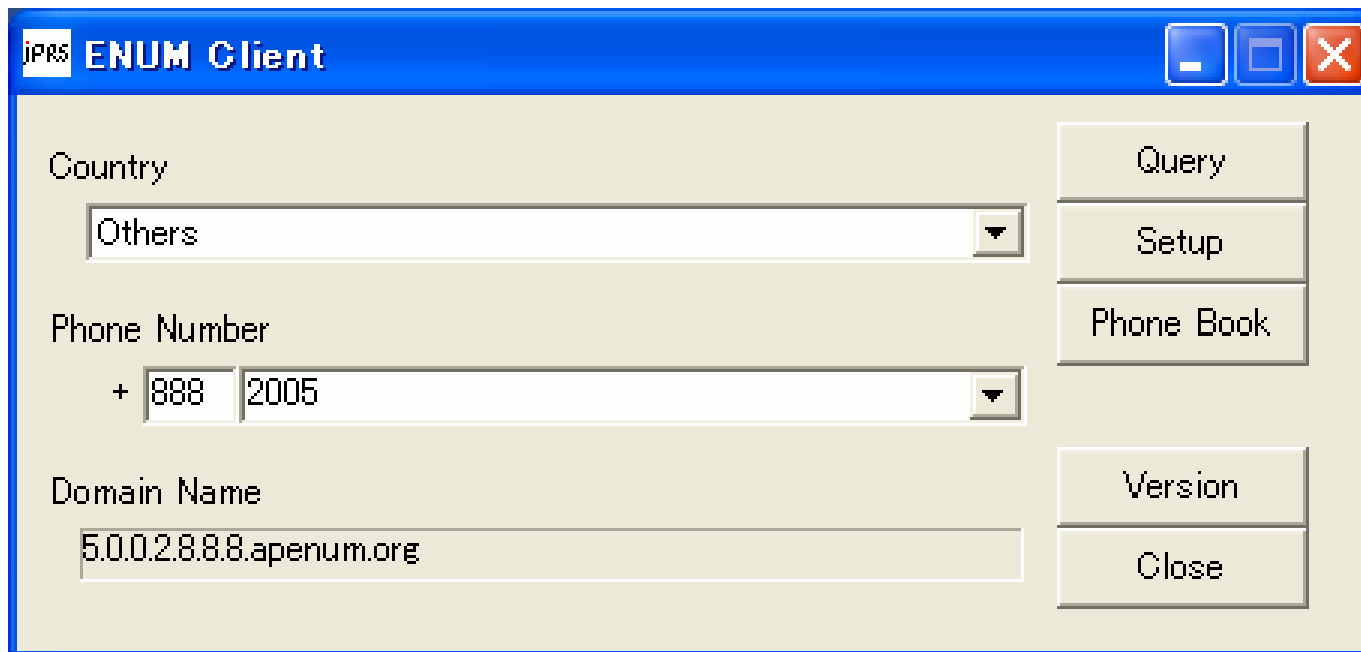


- Over 100 participants registered their name on phonebook
- About 30 participants registered more than 2 URIs
- Prototype of the registration system is now available!



# ENUM Client

[http://www.apenum.org/ENUM Client Usage Guide](http://www.apenum.org/ENUM_Client_Usage_Guide)



The screenshot shows a Windows-style application window titled "ENUM Client" with a blue title bar. The window contains three input fields on the left and a vertical stack of buttons on the right. The "Country" field is a dropdown menu with "Others" selected. The "Phone Number" field is a text box with "+ 888 2005" and a dropdown arrow. The "Domain Name" field is a text box with "5.0.0.2.8.8.8.apenum.org". The buttons on the right are "Query", "Setup", "Phone Book", "Version", and "Close".

# SIP Phone

[http://www.apenum.org/APRICOT2005/SIPPhone\\_Setup\\_Guide](http://www.apenum.org/APRICOT2005/SIPPhone_Setup_Guide)

### *SJPhone*



9 Mar 2005

### *X-Lite*



ENUM WG @ 62nd IETF

### *WirelessIP-5000*



## Making calls to others

- Search your friends on [Phonebook](#)
- Enter ENUM Phone Number on your SIP Phone
  - 888-2005-xxxx
    - Long, but performs ENUM lookup
  - xxxx
    - Handy, but no ENUM lookup
- Oversea call
  - The same with ordinary oversea call

# Facts

- Trial period
  - Feb 21 – Feb 25, 2005
- Call statistics
  - Feb 16 11:07:56 - Feb 26 00:00:00

	APRICOT	CN	SG	SE	TW	US	Total
200-OK	3227	1755	1017	2	787	1095	7883
461-CNE	43	23	7	0	88	31	192
481-Busy	62	7	35	0	0	6	110

Number of ENUM calls (8882005xxxx) from 200 - OK = 122

- Sold handsets
  - 100 sets within 5 hours



## What's next?

- 64th IETF – Nov 2005 @ Vancouver
  - Target: 500 to 2000 handsets
- Looking for sponsors for ...
  - Wifi handsets
  - PSTN Interconnections (using ENUM for routing)
  - SIP server with ENUM capability
  - ENUM applications
- Contact us at [info@apenum.org](mailto:info@apenum.org)

## Special thanks to

- Hitachi-cable (WiFi SIP Phones)
- Jeff Pulver/LibreTel (US termination)
- Jakob Schlyter (SE termination)
- APRICOT 2005 NOC
- Members of APEET



Q&A

<http://www.apenum.org/APRICOT2005>