

# 3rd Northeast Asia OSS Promotion Forum

## Japan OSS Promotion Forum

December 3, 2004

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**Chairman**  
**Japan OSS Promotion Forum**

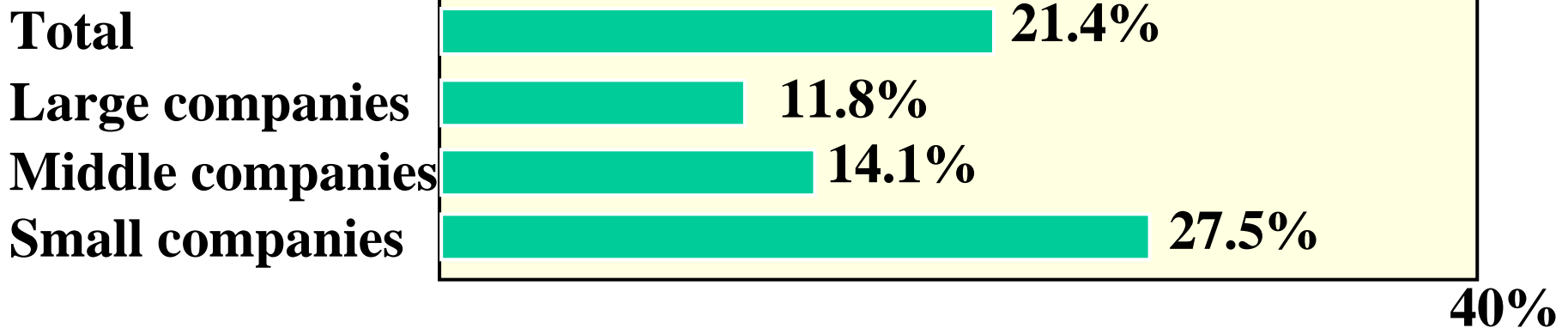
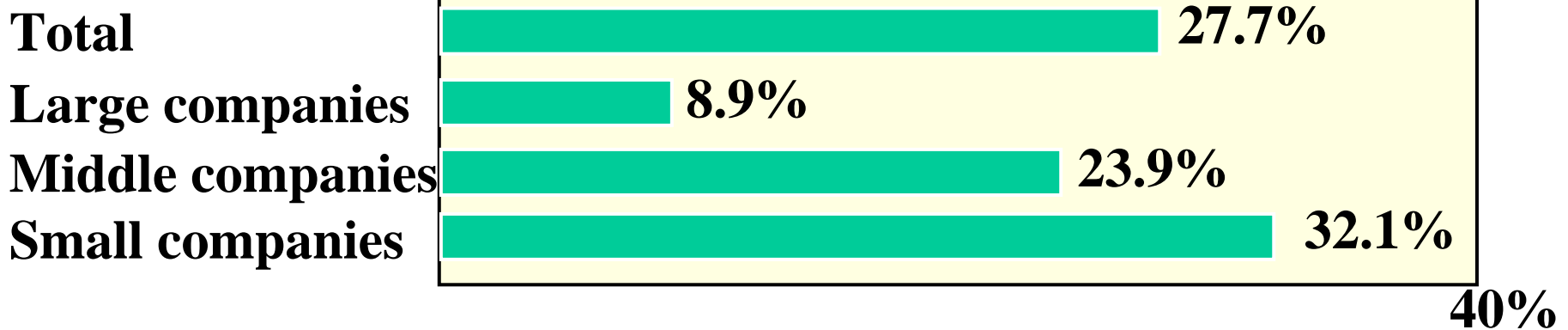
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# Agenda

- 1. Current and future OSS in Japan**
- 2. Organization of the Japan OSS Promotion Forum (reinforcement)**
- 3. Current Status for the 10 issues made in Beijing**
- 4. Japan WGs Introduction**
- 5. Japan main contributions to CJK Collaboration until the 4<sup>th</sup> Forum**
- 6. Future issues for the Japan OSS**
- 7. Summary**

## **{Reference}**

- Refence1:Current Status of the Japan OSS Promotion Forum with respect to the 10 Issues of the Intergovernmental Agreements Made in Beijing**
- Refence2: Outline of the Japan OSS Promotion Forum**
- Refence3: Executive / Advisory Board Members**

**Linux/OSS -sales ratio among software development companies****Linux/OSS-engineer ratio among software development companies**

Source : Mitsubishi Research Institute, Inc. (2004.2)  
296Companies

## OSS based Linux system now

**NTT group: Human resource information system,  
non-stop since October 2001 (source:@IT)**

**Nippon Steel Corp.: Blast furnace process control system,  
non-stop since May 2001**

**The Bank of Tokyo-Mitsubishi, Ltd. : Terminals for the major operational  
system, starting 2005**

**Medical information network for university hospitals: operating Jan. 2002,  
150,000 members**

**Institute of physical and chemical research: Large computer center system,  
operating March 2004,  
theoretical performance 12.4TFLOPS**

**Certification experiments for OSS usage in schools (IPA):  
Period: 2004.10-2005.6**

## Advantages

### For users

Many users' demands are to be reflected quickly

Cost-effective

Broader range of options

Unified OSS specifications  
Excess investments are to be avoided

### For the IT industry

Drawing on advanced engineering talent from all over the world

Foster high-level engineers

### For society

Ensured security



Sharing merits

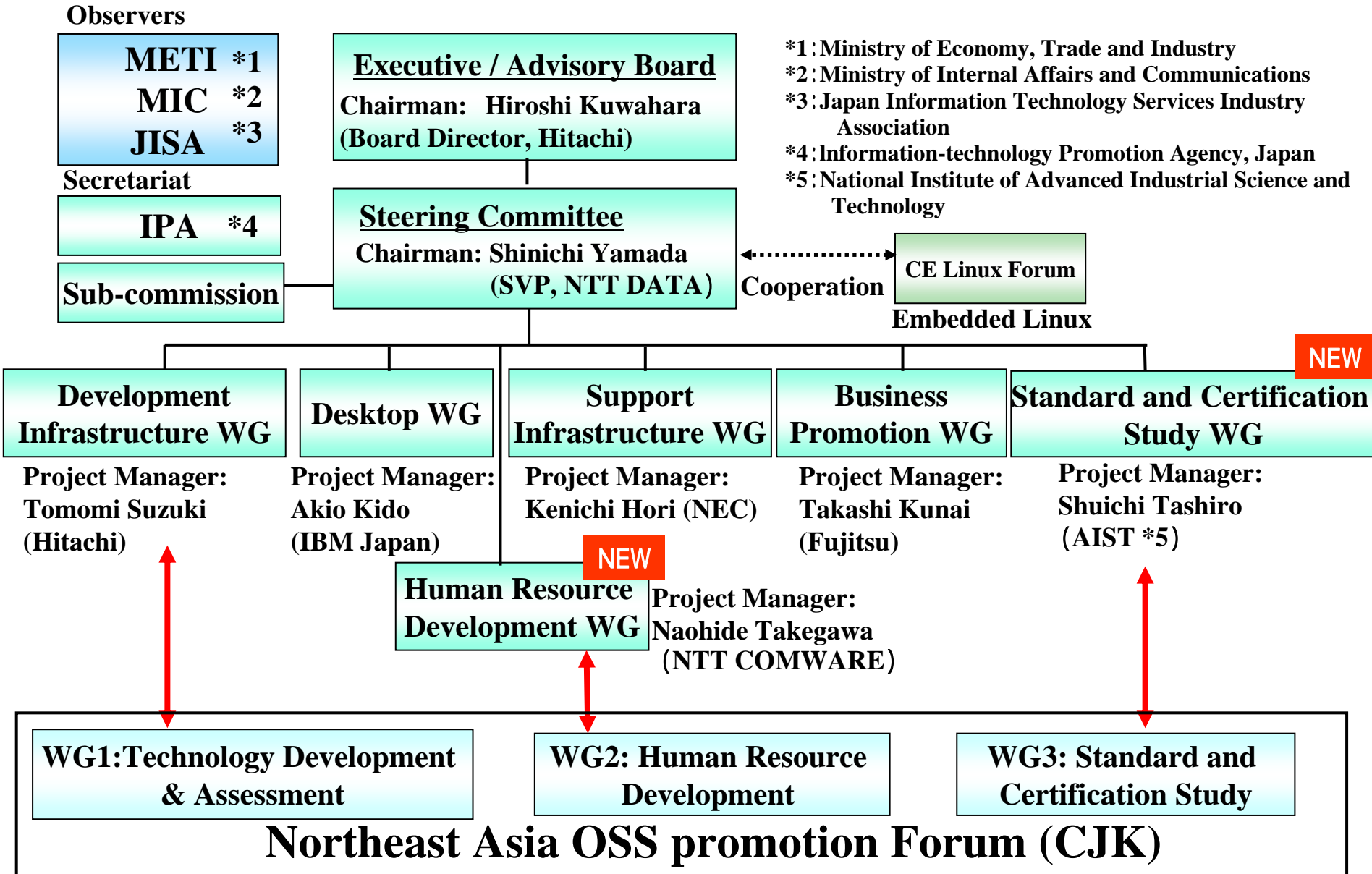


**OSS, as public property, grows as culture**

**Purpose**

- 1. To expand the use of OSS in Japan,  
in cooperation with governments and industries**
- 2. To provide users with sufficient alternatives  
for a reliable, safe, and easy-to-use platform  
To resolve technical and institutional issues**
- 3. To contribute to the development of OSS  
through cooperation with China, Korea,  
and international communities**

## Organization of the Japan OSS Promotion Forum (reinforcement)



\*1 Refer to  
[Reference1]

\*1  
|<sup>1</sup> Proposals made to the Government with respect to the promotion of OSS utilization in government systems, being considered for purchase

Discussion of standardization (planned)

Discussion of measures to promote OSS use (mainly Linux)  
Evaluation of Linux performance and reliability on servers (underway)

Discussing current technical and social issues to promote the utilization of Linux

Discuss method for certification and approval of Linux-adaptable software (planned)

Research advanced cases and discuss policies for human resource training (planned)

**Proposals made to the Government with respect to the promotion of OSS utilization in government systems, being considered for procurement**

**contents**

**1. OSS usage status at each ministry**

**2. Make public guidelines for government system software procurement, that take advantages of OSS**

**3. Start advanced OSS usage projects**

**4. To help spread OSS, provide ample consideration for support service costs**

# 4.1 Japan WGs Objectives for OSS Promotion

## Six objectives of Japan Forum

1. Free Open Kernel versus Price Tagged Middleware

2. Reliable OSS Environment for Users

3. Development of Roadmaps for Future Societal Needs

4. Cooperation with OSS Communities

5. Education and Training for OSS Skills

6. CJK Cooperation and Worldwide Contribution

### Development Infrastructure WG

Resolution of vendor-side issues, so as to encourage wider adoption of Server Linux and OSS.

### Desktop WG

Promote deployment of OSS on the desktop by solving deployment issues.

### Support Infrastructure

Examine existing issues in OSS support and long-term use, and provide problem-solving recommendations.

### Business Promotion WG

Provide necessary infrastructure/information for OSS business promotion.

### Human Resource Development WG

Analyze problems for OSS human resource development and make proposals to resolve them.

### Standard and Certification Study WG

Study CJK requirements for OSS-related standards and their certifications, and make recommendations

**Development Infrastructure WG**

- 1. Benchmarking** (i) Java Application layer, (ii) DB layer, (iii) OS layer.
- 2. Development of tools** (i) memory dump tool, (ii) kernel trace tool, (iii) evaluation tool of disk allocation.

**Desktop WG**

- 1. Deployment priorities for the educational and public sectors were set.**
- 2. Analyzed user requirements for educational use in elementary and junior high schools.**
- 3. Proposed OSS desktop deployment experiments in schools to Japanese government.**

**Support Infrastructure WG****Planned goals for March '05**

- 1. Educational documents for OSS users.**
- 2. Guidelines for OSS support vendors for the establishment of a common level of OSS service support.**
- 3. Recommendations for the realization of long-term OSS use.**

**Business Promotion WG****Planned goals for March '05**

- 1. Clearly establish TCO (Total Cost of Ownership) advantages of OSS**
- 2. Recommendations for the provision of information for OSS products/services**
- 3. Guidance with respect to IP issues relating to OSS products/activities**

**Human Resource Development WG**

- 1. 2004 4Q : Items to be researched by CJK for OSS human resource development and determined**
- 2. 2005 1Q : Joint research of the above items**

**Standard and Certification Study WG**

- 1. Complete the directive document of WG3 by March '05  
(Define the working process of WG3 including decision making process and relationship between the WG and other organizations)**
- 2. Establish technical study groups and mailing lists  
(Planned areas: Input method, LSB, HRD and Embedded )**

## WG1: Technology Development & Assessment

- Report of OSS benchmark evaluations
- Development of tools for improving Linux and OSS reliability

## WG2: Human Resource Development

- Proposals for the research framework for CJK training/education courses
- Proposals for the establishment of contribution goals from Asia for OSS development

## WG3: Standard and Certification Study

- Study CJK requirements for OSS-related standards and their certifications, and make recommendations to CJK

**Wider usage of OSS**

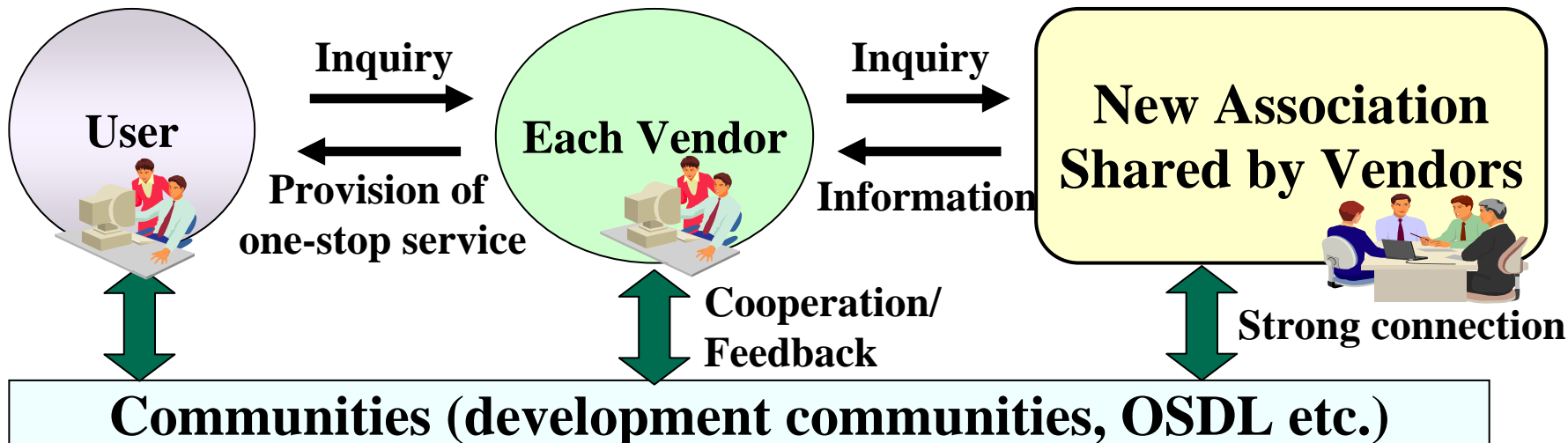
**Standardization of usage levels**  
**Development of reference models**

**Secure future advantages**

**Information sharing on problems, which prevent crucial information for improvement from being disregarded**

**Build an organization that promotes OSS software that users can trust**

**Technical assessment and back-end support for supplied software**



## **Japan OSS Promotion Forum Fundamental Policy**

- **Collaboration for the realization of the 10 Cooperation Plans among the Governments of CJK Made in Beijing**
- **Embodiment of the the Government level Memorandum at the 3rd CJK IT Directors General Meeting and CJK WG decision for the Promotion of OSS in Seoul**
- **Contribute to OSS development, in cooperation with OSS communities worldwide.**

## Current Status of the Japan OSS Promotion Forum with respect to the 10 Issues of the Government level Memorandum made in Beijing (1)

No	Government level Memorandum	Current Status of the Japan OSS Promotion Forum
I	Create a favorable policy environment for the development and utilization of OSS, especially Linux.	Proposals made to the Government with respect to the promotion of OSS utilization in government systems being considered for purchase
	Cooperate on the standardization of Linux, character set, document exchange format, etc. and strengthen the support of Linux for the languages of China, Japan and Korea.	Discussion of standardization (planned in the Standard and Certification Study WG )
	Promote research and development, commercialization and deployment of desktop Linux, server Linux and office software for Linux in China, Japan and Korea.	Discussion of measures to promote OSS use (mainly Linux) Estimates of Linux performance and reliability on servers (underway in the Development Infrastructure WG)
	Encourage embedded Linux joint research and its utilization in digitalized 3C (Computer, Communication and Consumer Electronics) products such as PDAs, digital cameras, etc..	CE Linux Forum, a private sector group, has been working globally and has released source code. The Japan OSS Promotion Forum holds these activities in high regard, and has closely observed CE Linux Forum's activities. China participated in the forum and has proposed further research of embedded Linux among the three countries.
	Promote the utilization of Linux in fields of e-government, enterprise information system and remote education, etc..	Discussing current technical and social issues ( the Standard and Certification Study WG )

No	Government level Memorandum	Current Status of the Japan OSS Promotion Forum
	<p><b>Jointly study the best way to support SMEs such as establishment of Linux Public Service Platform (or Software Industry Promotion Center or Engineering House).</b></p>	<p><b>Government issue</b></p>
	<p><b>Study software certification and compatibility testing for Linux to motivate more hardware and software vendors to support Linux.</b></p>	<p><b>Discuss method for certification and approval (planned in the Standard and Certification Study WG )</b></p>
	<p><b>Establish Northeast Asia OSS Promotion Forum to let China, Japan and Korea make more contributions to the global community of OSS.</b></p>	<p><b>Already established</b></p>
	<p><b>Cooperate on human resource development of OSS especially of Linux.</b></p>	<p><b>Research advanced cases and discuss policies for human resource training (planned in the Human Resource Development WG )</b></p>
	<p><b>Study and exchange information on relevant policy (such as competition policy) of software industry.</b></p>	<p><b>Government issue</b></p>

# Outline of the Japan OSS Promotion Forum

**Founded in February 2004.**

**The forum is comprised of the Executive Board (7 members) and the Advisory Board (14 members), each consisting of corporate executives, leading representatives of organizations, experts in the field, and academic.**

## Background

- 1. Founded under the IT Ministers Agreement made in September 2003 among Japan, China, and Korea, as a result of the Open Source Business Forum held in November**
  - Existing demand for an organization representing Japan to lead international cooperation for OSS.**
  - Existing demand for an organization to gather opinions on OSS promotion.**
- 2. Expansion of OSS as applied to systems**
  - Existing demand for the resolution of technical and institutional issues, so as to provide users with reliable OSS.**

## Purpose

- 1. To expand the use of OSS in Japan, in cooperation with the governments and the industries**
- 2. To resolve technical and institutional issues, so as to provide users with sufficient alternatives for a reliable, safe, and easy-to-use platform**
- 3. To contribute to the development of OSS through cooperation with China, Korea, and the international communities**

# Executive / Advisory Board Members

## Executive Board members

Hitachi, Ltd.	Board Director	Hiroshi Kuwahara
ARGO21 Corp.	Chairman & CEO	Yujiro Sato
Fujitsu Ltd.	Chairman	Naoyuki Akikusa
IBM Japan, Ltd	General Manager	Takuma Otoshi
Japan Users Association of Information Systems	President	Kouno Shunji
NEC Corp.	President	Akinobu Kanasugi
NTT DATA Corp.	Senior Vice-President, Counselor	Toshiharu Aoki

## Advisory Board members

Aplix Corp.	Chairman and CEO	Ryu Koriyama
Kanazawa Institute of Technology	Professor	Toshiyasu Kunii
KEIO University	Chairperson/Professor, Graduate School of Media and Governance	Hideyuki Tokuda
Matsushita Electric Industrial Co., Ltd.	Executive Officer	Kazuhiro Tsuga
Nihon Unisys, Ltd	Chief Technology Officer	Tsuyoshi Hoshina
Nomura Research Institute, Ltd.	Vice Chairmen	Kiyochika Ohta
NS Solutions Corp.	Representative Director & Chairman	Yasuro Tanahashi
NTT COMWARE Corp.	Senior Vice President Executive Manager, OSS Department	Hironobu Nagano
OSDL	Director, Asia	Masanobu Hirano
Software Research Associates, Inc.	Co-founder & Chairman	Ryugo Marumori
Sony Corp.	Research Fellow	Mario Tokoro
Sumitomo Electric Industries, Ltd.	Senior Adviser	Tetsuro Kawakami
Sun Microsystems Corp.	Senior Managing Director	Tomohiko Suetugu
TOKYO GAS Co.,Ltd.	Executive Vice President	Masahiro Ishiguro