

CIAJ YEAR BOOK 2013

COMMUNICATIONS
AND
INFORMATION
NETWORK
ASSOCIATION
OF
JAPAN



Communications and Information
Network Association of Japan

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Message from the Chairman

Fueled by the global popularity of smartphones, the evolution of mobile broadband business has had a more significant impact on our society than just the creation of a new market. Today, people who would never have crossed paths 20 years ago can share views on common interests. Devices which were never on-line are now connected to the internet.

The world we live in has truly entered a new era where connectivity between and amongst people and devices is providing new knowledge and ideas to be shared instantaneously. Industries have converged, making enterprises which cannot think out-of-the-box obsolete. The transition towards universal connectivity is pushing industries, academia, nations and even the framework of democracy to undertake major transformations.

The mission of industry associations has traditionally been to tackle common issues that are difficult to deal with on an individual basis such as advancement of the entire industry and/or fulfilling its social responsibilities. However, the framework of the industry itself has changed drastically, and we at CIAJ have asked ourselves what role we should take on. There is no doubt that ICT is the engine which has fueled many of the global paradigm transitions. Representing ICT industry, I believe that CIAJ will conduct unique activities that only we can implement.

In a world where the real and cyber worlds are always connected, "big opportunities" to make a better world and new "serious risks" which threaten the world order coexist. It is up to our industry to take advantage of ICT

knowledge to increase the opportunities and eradicate the risks. It will be vital for the multiple stakeholders throughout the globe to share their knowledge, to harmonize mutual interests, and to work for a better world while competing on a business level.

2013 is expected to be a pivotal year for major international business frameworks such as TPP, TIIP, EU-Japan EIA and RCEP. Thereupon new common rules for the new global community will probably be determined. Besides international treaties, ever more standardization and business conduct rules will also be put in place on a global basis. CIAJ will strive to weave our members' foresight into effective actions without being bound by the past or legacy formats, to make this new global community a better place for all.



Takashi Okuda
Chairman



Who we are

The Communications and Information networks Association of Japan was established in 1948 as a voluntary industry association composed mainly of telecom terminal manufacturers and network infrastructure vendors. In October 2009, CIAJ embarked on a new page in its history by becoming a general incorporated association. The core Regular Members are manufacturers of telecom equipment, including network devices and mobile handsets, while other industry players, such as telecom carriers and solution vendors participate as Forum Members. All in all, CIAJ has 234 companies and organizations on its membership as of July, 2013. As part of upholding CIAJ's basic principle of creating new business opportunities and contributing to the robust growth of the industry, we will strengthen our efforts to promote policies and raising awareness of industry positions, attain tangible achievements from committee activities, and enhance our efforts to disseminate information to a wide audience.

Mission Statement

Working hand-in-hand with our member companies, CIAJ is a general incorporated association committed to the healthy development of info-communication network industries through the promotion of ICT. CIAJ also strives for the realization of a socially, economically and culturally enriching society in Japan as well as in the global community, by supporting advanced and widely available uses of information.

CIAJ Management Team (As of July, 2013)

Board of Directors



Chairman
Takashi Okuda
Chairman,
Sharp Corporation



Director
Shuichi Shindo
Senior Adviser,
Denki Kogyo Co., Ltd.



Director
Yoshiji Tanimoto
President,
Nakayo
Telecommunications, Inc.



Director
Kazuo Ohki
President,
CIAJ



Director
Hiroaki Takeichi
Executive Vice
President,
CIAJ

Senior Steering Committee Members



Takashi Okuda
Chairman,
Sharp Corporation



Norio Sasaki
Vice chairman,
Toshiba
Corporation



Kaoru Yano
Chairman,
NEC Corporation



Michiyoshi Mazuka
Chairman,
Fujitsu Limited



Hideichi Kawasaki
President,
OKI Electric
Industry Co., Ltd.



Takashi Kawamura
Chairman,
Hitachi, Ltd.



Shusaku Nagae
Chairman,
Panasonic
Corporation



Setsuhiro Shimomura
Chairman,
Mitsubishi
Electric Corporation

Steering Committee Members

ANRITSU CORPORATION	HITACHI KOKUSAI ELECTRIC INC.	KYOCERA CORPORATION	SHINDENGEN ELECTRIC MFG. CO., LTD.
DENKI KOGYO CO., LTD.	IWATSU ELECTRIC CO., LTD.	NAKAYO TELECOMMUNICATIONS, INC.	TAMURA CORPORATION
FUJI XEROX CO., LTD.	JAPAN RADIO CO., LTD.	SAXA, INC.	

Message from the President

One of the traits that make CIAJ unique is our breadth of participants, which includes not only ICT equipment manufacturers, but telecommunication carriers, solution providers, think tanks, and experts from academia. In 2012, CIAJ took a leading role in advocating the effective use of radio spectrum, smartphone security, active ICT deployment in the new township model, international commerce issues with emerging nations and the promotion of ITA expansion. We believe the CIAJ proposals were well-balanced, incorporating the diverse views, experience, expertise and insights of our members. In order for these proposals to be reflected in actual policies, we have held regular exchanges with the concerned government bodies and other relevant authorities so that our stance is fully understood. We also strive to strengthen our access to foreign governments via our alliances with industry associations abroad.

In 2012, CIAJ tackled technical issues including immunity assessment of telephone terminals, PSTN service migration, technical criterion of new IP terminals and certification of softphones. We also continued our support of establishing energy conservation targets by the government in the area of routers and network switches. CIAJ, as the secretariat to the HATS Conference (Harmonization of Advanced Telecommunication Systems), has successfully conducted the world's first 10G-EPON interoperability trial with 7 member manufacturers.

As part of our effort to support members' global businesses, CIAJ acted as organizer of CEATEC Japan 2012, held from October 2nd through 6th. This successful ICT exhibit had 624 exhibitors, of which 161 were from overseas, attracting 162,219 visitors. In addition, CIAJ is the venue for conducting studies and research into state-of-the-art tech-

nologies and services, with 19 Forum Working Groups where members voluntarily tackle various themes. The over 90 Seminars held by Forum Working Groups and Committees are attended by approximately 5,500 people. They are free of charge and open to all CIAJ members.

Another pillar of CIAJ activities is the timely provision of pertinent information to our members. Our statistical research strives to make domestic and foreign production/sales figures more tangible, while keeping up with global trends in markets and supply chain. Furthermore, we have provided essential information on the implementation of U.S. legislation on conflict minerals, which will impact many of our members.

In 2013, CIAJ will continue to harness the diverse aspirations and unfettered views of our members to enhance our policy proposals and contribute to solving common issues.

Kazuo Ohki

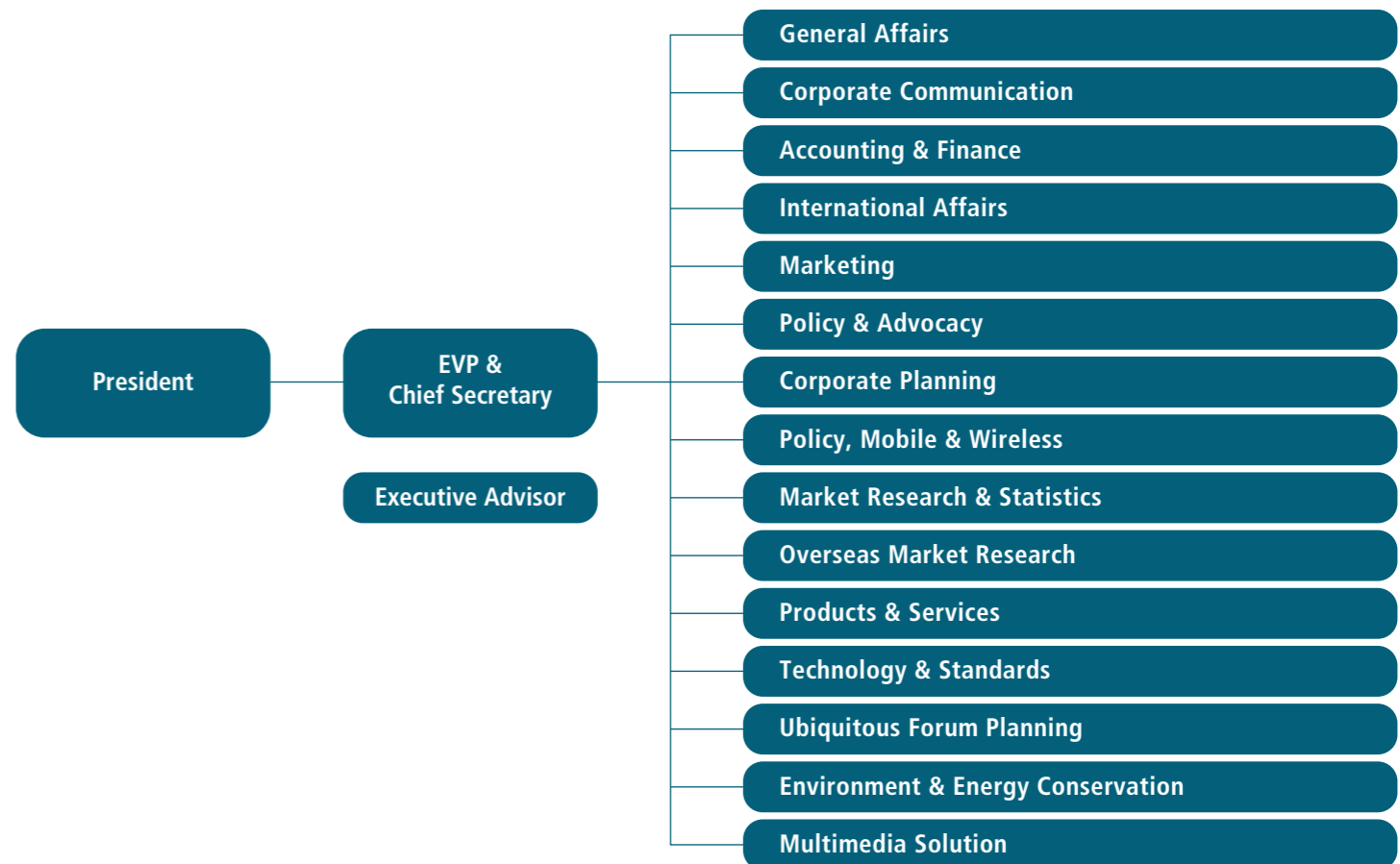
Kazuo Ohki
President



CIAJ Secretariat Team (As of July, 2013)

 Kazuo Ohki President	 Hiroaki Takeichi Executive Vice President & Chief Secretary	 Prof. Dr. Toshio Obi Executive Advisor (Professor, Waseda Univ. Graduate School) (Ambassador of ITU Secretary General for Academia) (President, Int'l Academy of CIO)		
 Hiroiyuki Kawai VP, General Affairs & Corporate Communication	 Hiroaki Hattori VP, Accounting & Finance	 Katsumi Takahashi VP, International Affairs	 Shigeo Miyoshi VP, Marketing & Overseas Market Research	 Masanori Kamata VP, Policy & Advocacy
 Norihiro Nakazawa VP, Corporate Planning	 Satoyuki Sasaki VP, Policy, Mobile & Wireless	 Shigeyuki Miya VP, Market Research & Statistics	 Tutomu Ookawa VP, Products & Services	 Shinichi Irube VP, Technology & Standards
 Yukihito Maejima VP, Ubiquitous Forum Planning	 Noriyoshi Iizuka VP, Environment & Energy Conservation	 Masao Ootsubo VP, Multimedia Solution		

Board of Directors



CIAJ Organization (As of July, 2013)



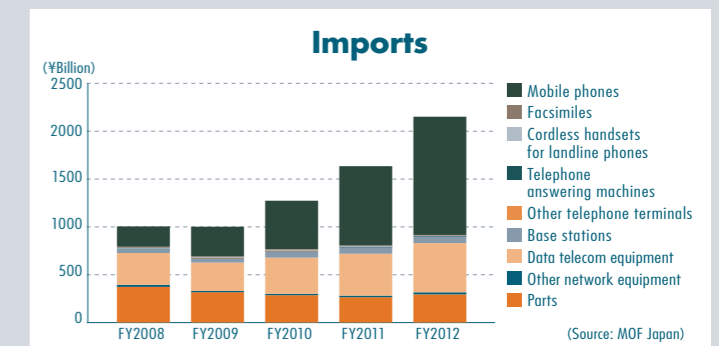
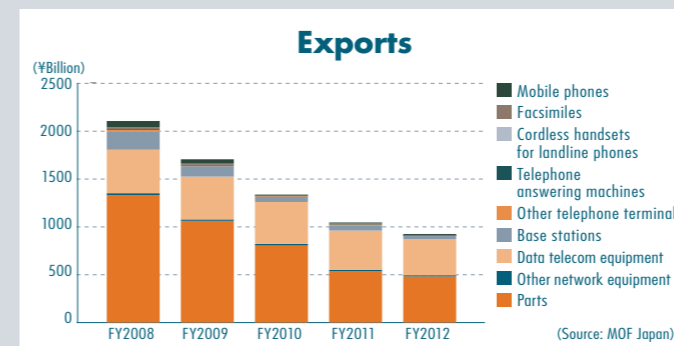
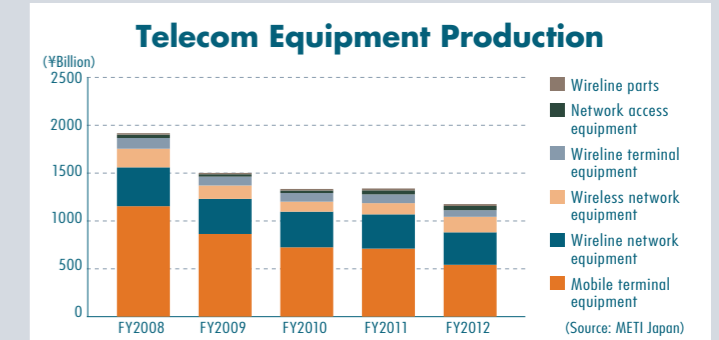
Japan Market

1. 2012 Market

Total domestic production was 1.177 trillion yen, or negative 11.2% growth over FY2011. Last year's announcement of FY2011 figures led to views that the 5-year decline had finally hit bottom, but the FY2012 number indicates a further drop in production. The total value of exports in FY2012 was 295.5 billion yen (- 11.5% year-over-year growth) while the total value of imports was 2.152 trillion yen (+31.6% year-over-year growth). Even though the explosive popularity of smartphones and the accompanying spike in traffic did result in robust demand for relevant equipment, domestic production dropped by double-digits. The strong impact of the shift to overseas production and the influx of foreign-made products resulted in extremely weak domestic production and export figures.

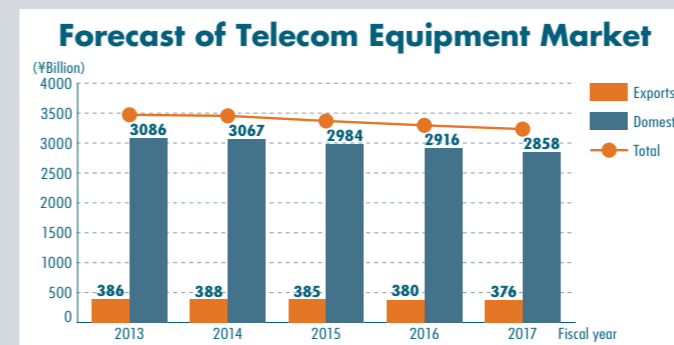
Domestic Production - Highlights in 2012 -

- The domestic production of wireline terminal equipment decreased, accelerated by the shift to overseas production and the shrinking of the entire market.
- In mobile terminal equipment, despite an increase in the number of subscribers, the influx of foreign brands and the continuing shift to overseas manufacturing led to a large drop in production.
- In wireless network equipment, the installation of base stations to accommodate the explosive growth in network traffic led to a doubling of the production figure over the previous year.



2. CIAJ Mid-Term Demand Forecast for Telecommunication Equipment [FY2013 – FY2017]

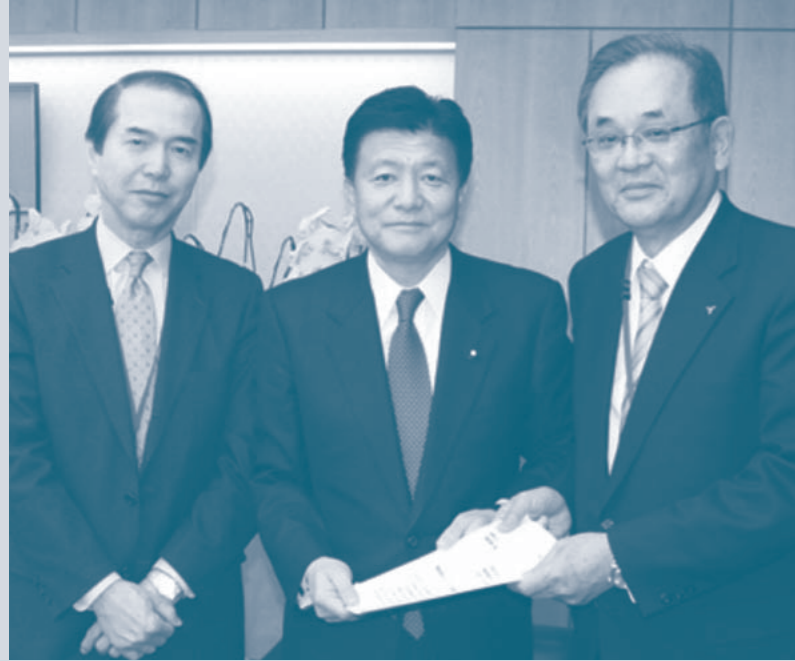
The number of Japanese households is recording a gradual decline from FY2012 onwards. With the shrinking of the domestic population, the number of enterprises and offices will also decline, leading to a smaller market for telecommunication equipment overall. The further popularity of smartphones and faster communication speeds should bring about demand for new devices, but after peaking in FY2012, we forecast this demand to revert to a gradual drop.



- **FY2017 projection**
- Small decline in all categories. Healthy demand for mobile infrastructure equipment.
- 3.234 trillion yen (-7.6% growth over FY2011)
- Domestic: 2.858 trillion yen (-8.5% growth over FY2011)
- Export: 375.8 billion yen (0.0% growth over FY2011)

CIAJ Activity Highlights in 2012

Policies and Advocacy



Chairman Shimomura and EVP Takeichi handed CIAJ proposal to Yoshitaka Shindo, Minister of Internal Affairs and Communications on 29th January 2013

CIAJ's domestic advocacy activities in 2012 has continued to focus on proposals to Japanese government bodies, political parties and relevant authorities in order to improve business environment and to stimulate innovation.

- Our 2012 major agendas were
- 'Effective use of radio spectrum',
 - 'Active ICT deployment in Japan's new smart township model including its introduction of publicly shared platform',
 - 'De-regulation to enable ICT to restore heavily regulated industries including medical, healthcare, education and agriculture',
 - 'Building Japan's resilient broadband network with disaster tolerant communication infrastructure', and
 - 'Opening Japanese government database to private sectors'.

CIAJ has historically maximized opportunities to regularly exchange opinions and views face-to-face with target authorities for smooth and effective advocacy.

In year 2012, we have seen remarkable advancement towards expansion in the number of products of Information Technology Agreement (ITA), which makes IT products import duty free. Global industry associations' alliance including CIAJ has successfully made momentum to kick off ITA expansion talk among voluntary nations in May 2012.

This global association alliance supporting free trade of IT products has further expanded in number during 2012 to 70. CIAJ expects this negotiation to broaden the scope to be completed within 2013.



CIAJ Mobile business Subcommittee held a free-discussion meeting with relevant government officers in Sep. 2012.



Global Industry Statement for ITA Expansion.

Taking advantage of longtime relationship with overseas and domestic associations and government bodies, CIAJ has captured timely information on anti-free trade movements through out the world and taken effective actions by means of participating in public comments/public consultations and/or communications through diplomatic channels of the Japanese government as well as joint advocacy with overseas associations or direct communications with target governments.

Technologies, Product and Services



NEC, Fujitsu, Oki, Hitachi, Mitsubishi, Sumitomo Electric Industries and NTT Electronics have participated into the world-first 10G-EPON interoperability trial in beginning of February 2013.

Proposing quality standards and evaluation guidelines is one of the core CIAJ activities to realize a safe and secured community. In 2012, CIAJ product and service oriented groups tackled the following areas:

- regulations on 'lithium-ion battery',
- 'immunity assessment for telephone terminals',
- 'technical criterion of new IP terminals' and
- 'certification of softphone',

In order to grow Ethernet business opportunities, CIAJ acts as a secretariat to HATS (Harmonization of Advanced Telecommunication Systems) Conference and conducted the world's first multi-vendor OLT-ONU interoperability trials with successful results. HATS tested 49 products in 2012 including NGN terminals, IP-PBX, HDTV conference systems, IP surveillance cams and color internet facsimiles that makes the cumulative number of tested products 1,438 to date.

Social Responsibilities and Environment

Enhancing Accessibility of ICT products and services

CIAJ established the Info-communication Access Council in 1998 to deliberate enhancements and assurance of accessibility for older adults and the disabled in the planning, development, and design of ICT products and services. In 2012, an enhancement recommendation of JIS X 8341-4 national standard, requiring telecommunication equipment manufacturers to incorporate accessibility features into its product design, that had been drafted by CIAJ was formally revised by the Ministry of Economy, Trade and Industry.



Conflict Minerals (Tin, Tantalum, Tungsten and Gold)

Complying with US Dodd-Frank act's section 1502 has required many CIAJ members to fulfill inquiry requests on conflict mineral usage in their products and on their origin. As it is the first time the industry was required to examine their entire upstream supply chain, CIAJ provided the members with explanatory documents about the law and the regulations, as well as updating them with present industry status.

Mobile Recycle Network (MRN)

Together with Telecommunication Carriers Association (TCA), CIAJ has been promoting the recycling of cellular phones and PHS terminals since April 2001 through the 'Mobile Recycling Network (MRN)', a system of collecting used cellular and PHS handsets, re-chargers and batteries regardless of carrier or maker. MRN has collected approx. 85,600,000 used phones in the past 10years.



Besides USA movements, the European Commission launched a public consultation of EU initiatives on this issue March through June 2013. CIAJ has replied with its opinions and proposals to achieve its purpose effectively and efficiently while avoiding excessive burden on a business sectors.

CIAJ Activity Highlights in 2012

Trade Shows and other events



CEATEC JAPAN 2012 with the theme 'Smart Innovation - Creating a prosperous lifestyle and society' was held at Makuhari Messe in October with 162,219 visitors and 624 exhibitors



West Japan ICT Forum 2012



Tsukuba Forum 2012



The 64th Baseball Tournament



CIAJ New Year's Reception



Global ICT industry associations gathers for the 17th annual World Electronics Forum (WEF) at Cebu, Philippines

Regular Members (116 companies / organizations)

ACCESS CO., LTD.	JAPAN RADIO CO., LTD.	SANKEN ELECTRIC CO., LTD.
AIPHONE CO., LTD.	JAPAN SMALL BUSINESS CO-OP.FOR TELECOMMUNICATIONS EQUIPMENT AND MATERIALS	SANKOSHA CORPORATION
ALAXALA NETWORKS CORPORATION	JDSU CORPORATION	SANKYU ELECTRONICS CORPORATION
ALCATEL-LUCENT JAPAN LTD.	KINKI DENKI CO., LTD.	SANRITZ ELECTRONICS CORPORATION
ALPHA SYSTEMS INC.	KITAGAWA INDUSTRIES CO., LTD.	SANWA DENKI KOGYO CO., LTD.
ALPS ELECTRIC CO., LTD.	KONICA MINOLTA, INC.	SANYO DENKI CO., LTD.
ANRITSU CORPORATION	KOYO ELECTRIC CO., LTD.	SAXA, INC.
ASSOCIATION OF RADIO INDUSTRIES AND BUSINESS	KYOCERA CORPORATION	SEIKO EPSON CORPORATION
BROTHER INDUSTRIES, LTD.	KYOSAN ELECTRIC MFG. CO., LTD.	SEIKO INSTRUMENTS INC.
BT JAPAN CORPORATION	KYOSERA DOCUMENT SOLUTIONS INC.	SHARP CORPORATION
BUFFALO INC.	MARUBUN CORPORATION	SHINDENGEN ELECTRIC MFG. CO., LTD.
CANON INC.	MEIDENSHA CORPORATION	SHIN-KOBE ELECTRIC MACHINERY CO., LTD.
CANON MARKETING JAPAN INC.	MITSUBISHI ELECTRIC CORPORATION	SONY CORPORATION
CASIO COMPUTER CO., LTD.	MITSUMI ELECTRIC CO., LTD.	SONY MOBILE COMMUNICATIONS JAPAN, INC.
CHUKO ELECTRIC CO., LTD.	MIYAKAWA ELECTRIC WORKS, LTD.	SPC ELECTRONICS CORPORATION
CHUO ELECTRIC WORKS, CO., LTD.	MURATA MACHINERY, LTD.	STANLEY ELECTRIC CO., LTD.
CIENA COMMUNICATIONS JAPAN CO., LTD.	MURATA MANUFACTURING CO., LTD.	SUMITOMO ELECTRIC INDUSTRIES, LTD.
DAITO COMMUNICATION APPARATUS CO., LTD.	NAKAYO TELECOMMUNICATIONS, INC.	TAKACHIHO SANGYO CO., LTD.
DENKI KOGYO CO., LTD.	NCXX INC.	TAKACOM CORPORATION
ERICSSON JAPAN K.K.	NEC CASIO MOBILE COMMUNICATIONS, LTD.	TAMURA CORPORATION
FUJI ELECTRIC CO., LTD.	NEC CORPORATION	TERADA ELECTRIC WORKS CO., LTD.
FUJI XEROX CO., LTD.	NEC INFRONTIA CORPORATION	THE FURUKAWA BATTERY CO., LTD.
FUJITSU COMPONENT LIMITED	NEIX, INC.	THE FURUKAWA ELECTRIC CO., LTD.
FUJITSU LIMITED	NIHON DENGYO KOSAKU CO., LTD.	TOKO, INC.
FUJITSU TELECOM NETWORKS LIMITED	NISHIYAMA CORPORATION	TOKURIKI SEIKO CO., LTD.
FUNAI ELECTRIC CO., LTD.	NITTO KOGYO CORPORATION	TOKYO COMMUNICATION EQUIPMENT MFG. CO., LTD.
GENESYS CORPORATION	NTT ADVANCED TECHNOLOGY CORPORATION	TOMEI TSUSHIN KOGYO CO., LTD.
GS YUASA INTERNATIONAL LTD.	OI ELECTRIC CO., LTD.	TOSHIBA CORPORATION
HAKUSAN MFG. CO., LTD.	OKI DATA CORPORATION	TOSHIBA TEC CORPORATION
HIROSE ELECTRIC CO., LTD.	OKI ELECTRIC INDUSTRY CO., LTD.	TOTSU-SOKEN CORPORATION
HITACHI APPLIANCES, INC.	ORIGIN ELECTRIC CO., LTD.	TOYO NETWORK & SYSTEM INTEGRATION CO., LTD.
HITACHI CABLE, LTD.	OSAKI ELECTRIC CO., LTD.	UL JAPAN, INC.
HITACHI KOKUSAI ELECTRIC INC.	PANASONIC CORPORATION	WATANABE CO., LTD
HITACHI, LTD.	PANASONIC MOBILE COMMUNICATIONS CO., LTD.	YAMAHA CORPORATION
HUAWEI TECHNOLOGIES JAPAN K.K.	PANASONIC SYSTEM NETWORKS CO., LTD.	YAMAKI ELECTRIC CORPORATION
INTERPHONE INDUSTRY ASSOCIATION OF JAPAN	PIONEER COMMUNICATIONS CORPORATION	YAMAKO ELECTRIC MANUFACTURE CO.
IRIICHI TECHNOLOGIES INC.	RAPIDTELECOM	YANMAR ENERGY SYSTEM CO., LTD
IWATSU ELECTRIC CO., LTD.	REPRO ELECTRONICS CORPORATION	YOKOGAWA ELECTRIC CORPORATION
JAPAN AVIATION ELECTRONICS INDUSTRY, LTD.	RICOH CO., LTD.	

CIAJ Members (As of July, 2013)

Forum Members (50 companies / organizations)

AMENITY RESEARCH INSTITUTE CO., LTD.	NTT COMMUNICATIONS CORPORATION
AVAYA JAPAN LTD.	NTT COMTECHNOLOGY CORPORATION
C-CUBE CORPORATION	NTT COMWARE CORPORATION
EPSON SALES JAPAN CORPORATION	NTT DATA CORPORATION
GRIPEYE INC.	NTT DOCOMO, INC.
HIGH-TECH CORPORATION	NTT ELECTRONICS CORPORATION
HITACHI INFORMATION & COMMUNICATION ENGINEERING LTD.	NTT FACILITIES INC.
HITACHI INTERMEDIX CO., LTD.	NTT INFRASTRUCTURE NETWORK CORPORATION
IKENO TSUKEN CO., LTD.	NTT IT CORPORATION
INFOCOM RESEARCH, INC.	NTT LOGISCO INC.
JAPAN VOLUNARY LABORATORY ASSOCIATION FOR TELECOMMUNICATION EQUIPMENT	NTT RESONANT INC.
JTBRAIN	NTT-ME CORPORATION
KDDI CORPORATION	OPTIM CORPORATION
KYOWA EXEO CORPORATION	QUALCOMM JAPAN INC.
MARUBENI OKI NETWORK SOLUTIONS INC.	SANGIKYO CORPORATION
MEDIA NETWORKS INC.	SANWA COMSYS ENGINEERING CORPORATION
MIRAIT TECHNOLOGIES CORPORATION	SEED PLANNING, INC.
MIRAITO CORPORATION	SOFTFRONT
NDS CO., LTD.	SUMIDEN OPCOM, LTD
NEC ENGINEERING, LTD.	TAIYO SYSTEM TECHNOLOGY CO., LTD.
NIPPON COMSYS CORPORATION	TOKAI COMMUNICATIONS CORPORATION
NIPPON TELEGRAPH AND TELEPHONE CORPORATION	TRENDWORKS CO., LTD.
NIPPON TELEGRAPH AND TELEPHONE EAST CORPORATION	TSUZUKI DENKI CO., LTD.
NIPPON TELEGRAPH AND TELEPHONE WEST CORPORATION	VERISERVE CORPORATION
NTT COM SOLUTION & ENGINEERING CORPORATION	WILLCOM, INC.

Supporting Members (50 companies / organizations)

CHUO ENGINEERING CO., LTD.	NEC NETWORK & SYSTEM INTEGRATION CORPORATION
COMMIC CORPORATION	NIHON MECCS CO., LTD.
COMPUTER SOFTWARE ASSOCIATION OF JAPAN	NIPPON CAR SOLUTIONS CO., LTD.
DOCOMO TECHNOLOGY, INC.	NS SOLUTIONS CORPORATION
FRANCE TELECOM JAPAN CO., LTD.	NTT SOFTWARE CORPORATION.
FREISTAAT BAYERN-JAPAN OFFICE	NVIDIA G.K.
FUJIKURA LTD.	PMC-SIERRA-JAPAN, INC.
FUJITSU FIP CORPORATION	RADIO ENGINEERING & ELECTRONICS ASSOCIATION
GENBAND JAPAN GK	RELIABILITY CENTER FOR ELECTRONIC COMPONENTS OF JAPAN
HITACHI HIGH-TECHNOLOGIES CORPORATION	ROHM CO., LTD.
HONDA TSUSHIN KOGYO CO., LTD.	SANSHEN CORPORATION
HOSHIDEN CORPORATION	SENJU METAL INDUSTRY CO., LTD.
INFORMATION & TELECOMMUNICATION EQUIPMENT CONSTRUCTOR'S ASSOCIATION	SKY PERFECT JSAT CORPORATION
JAPAN APPROVALS INSTITUTE FOR TELECOMMUNICATIONS EQUIPMENT	SUNSEA JAPAN CO.,LTD
JAPAN CABLE & TELECOMMUNICATIONS ASSOCIATION	SUPPORT CENTER FOR ADVANCED TELECOMMUNICATIONS TECHNOLOGY RESEARCH, FOUNDATION
JAPAN DATA COMMUNICATION ASSOCIATION	TAIEI MANUFACTURING CO., LTD.
JAPAN ELECTRONICS AND INFORMATION TECHNOLOGY INDUSTRIES ASSOCIATION	TELECOM ENGINEERING CENTER
JAPAN RECOM LTD.	THE FOUNDATION FOR MULTIMEDIA COMMUNICATIONS
JAPAN SOCIETY FOR THE PROMOTION OF MACINE INDUSTRY	THE INSTITUTE OF ADMINISTRATIVE INFORMATION SYSTEM
JAPAN TELEWORK ASSOCIATION	THE NEXT GENERATION IC CARD SYSTEM STUDY GROUP (NICSS)
KAGA, INC.	TOSHIBA SOLUTIONS CORPORATION
KANTO TSUSHINYUSO K.K.	TPS INCORPORATED
MOBILE COMPUTING PROMOTION CONSORTIUM	WAT CONSULTING CO., LTD.
NAGAMURA MFG. CO., LTD.	XILINX K.K.
NEC COMMUNICATION SYSTEMS, LTD.	YOU GO LAB

International Cooperation Partners (18 organizations)

AUSTRALIAN INDUSTRY GROUP (AI)	TAIWAN ELECTRICAL AND ELECTRONICMANUFACTURERS'ASSOCIATION (TEEMA)
CANADIAN ADVANCED TECHNOLOGY ALLIANCE (CATA)	TAIWAN TRADE CENTER (TTC)
COMMUNICATIONS ASSOCIATION OF HONG KONG (CAHK)	TELECOM EQUIPMENT MANUFACTURERS'ASSOCIATION OF INDIA (TEMA)
DIGITALEUROPE	TELECOMMUNICATIONS INDUSTRY ASSOCIATION (TIA) [USA]
FEDERATION DES INDUSTRIES ELECTRIQUES,ELECTRONIQUES ET DE COMMUNICATION (FIEEC) [FRANCE]	TELECOMMUNICATIONS TECHNOLOGYASSOCIATION (TTA) [KOREA]
KOREA ASSOCIATION OF INFORMATION &TELECOMMUNICATION (KAIT)	TEMA EXPORT PROMOTION FORUM (TEPF) [INDIA]
KOREA INDUSTRIAL TECHNOLOGY FOUNDATION (KOTEF)	THE TECHNOLOGY INDUSTRIES OF FINLAND (TIF)
KOREA RADIO PROMOTION ASSOCIATION (RAPA)	VIETNAM ELECTRONIC INDUSTRIESASSOCIATION (VEIA)
KOREA TRADE-INVESTMENT PROMOTION AGENCY (KOTRA)	ZENTRALVERBAND ELEKTROTECHNIK UNDELEKTRONIKINDUSTRIE E.V. (ZVEI) [GERMANY]