



Our vision is to

**Lead the
Development
of the Global
ICT Profession.**

**IP3 aims for
ICT professionalism:**

**Define the standard
Promote the benefits**

**Facilitate the
development**

www.ipthree.org



Annual Report 2011-2012



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Acknowledgements:

The IFIP IP3 Board acknowledges the vital support of its members, its committees and industry practitioners for the contributions they make in advancing the mission to develop the global standard in ICT professionalism.

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Governance

The International Professional Practice Partnership (IP3) was founded by the International Federation for Information Processing (IFIP) in partnership with several leading professional ICT organizations from around the world. IFIP was founded under the auspices of the United Nations Educational Scientific Organization (UNESCO) in 1960 and now has over 56 country member bodies and affiliates representing over 90 countries. IFIP is a consultative body for IT for the United Nations Educational Scientific Cultural Organization, Sector Member for the International Telecommunications Union (ITU) and Scientific Associate Member of the International Council for Science (ICSU).

IP3 Board 2011-2012



Brenda Aynsley

Chair

Australian Computer Society
Representative



Roger Johnson

IFIP Representative

IP3 Immediate Past Chairman (co-opted
September 2011-2012)



Stephen Ibaraki

Vice Chairman Strategic Relations
(co-opted September 2011-2012)



Greg Lane

Canadian Information Processing Society
Representative



Colin Thompson

Vice Chairman Standards and
Accreditation and Chief Assessor
(co-opted September 2011-2012)



Paul Matthews

New Zealand Computer Society
Representative



Moira de Roche

Computer Society of South Africa
Representative
Marketing Director



Bob Hart

Executive Director (honorary, ex-officio)



Akira Shibata

Information Processing Society of Japan
Representative



Gina van Dalen

Proxy for Greg Lane and, until 31 Dec
2011, Executive Secretariat



Alison Pitman

IP3 Executive Secretariat (ex-officio)

IP3 Mission

Our mission is to be a global partnership that will strengthen the global IT profession and contribute to the development of strong international economies by:

- defining international standards of professionalism in IT;
- Creating an infrastructure that will encourage and support the development of both IT practitioners and employer organizations, and give recognition to those who meet and maintain the required standards for knowledge, experience, competence and integrity.
- To carry out this mission, IP3 works closely with our member bodies and partners who share our commitment to creating a sound global IT profession.

IP3 Vision

- A vigorous program to promote professionalism in IT, define international standards and create a global infrastructure that will encourage and support the development of both practitioners and employer organizations.
- An international IT profession, equivalent in prestige and structure to other established professions such as law, accountancy and medicine.
- The creation of a worldwide set of professional certification schemes recognized as the hallmark of true IT professionalism, delivered through independent national member societies and supported by development frameworks for both individuals and organizations.
- A program which reaches beyond the developed world to encourage and facilitate the development of IT capability within emerging nations.

IFIP IP3 Councils and Committees

Standards and Accreditation Council

The Standards and Accreditation Council provides independent advice to the IFIP IP3 Board on standards and management of the accreditation functions of IFIP IP3.

The membership of the Standards and Accreditation Council is based on expertise and/or interest in standards and accreditation and not as representative of any particular group or association. IFIP IP3 would expect that all those engaged in the profession are members of a professional association; however it should be made clear that such members do not necessarily represent the views of those organisations while engaged in Standards and Accreditation Council activities. The Standards and Accreditation Council will generally seek persons from associations with a strong and robust certification program in place.

Assessment Panel

These volunteers are trained assessors of professionalism schemes for IFIP IP3 members who seek accreditation of their certification/professional credentialing programs. The Panel currently is comprised of:

- Colin Thompson, Chief Assessor (United Kingdom)
- Bob Hart, Senior Assessor (Australia)
- Dr. Stephen Seidman, Senior Assessor (United States)
- Gina van Dalen, Senior Assessor (Canada)

IP3 Global Industry Council

The support of the international employer community is critical to IP3's goal of building ICT professionalism globally. Recognizing this criticality, IP3 established its Global Industry Council (IFIP IP3-GIC) as the principal forum within which ICT employers can engage with IP3 and influence the development of the global profession.

It is the intention that IP3-GIC is a prestigious organization comprised of recognized thought leaders from major organizations (both private and public sector) with acknowledged experience and expertise in information and communication technologies and that a seat and invitation reflects the global third party validation that is only possible through a 50+ year old body with UN roots.

Global Industry Council Directors are specially nominated and invited to serve within the UN-rooted body as internationally recognized luminary executives, thought leaders, and visionaries and for their strong history of providing substantive contributions to global business, industry, society, education, and governments. The IP3-GIC is a first of its kind focusing on computing as a profession, which will further align computing with organisational strategy and business agility

driving sustainability, education, risk management and security, skills development, professional standards, innovation, entrepreneurship, business growth, regional GDP growth, high yield investment opportunities, and regional economic development. Global GDP is over 60 Trillion USD and the global program for computing as spearheaded by IFIP IP3 and IP3-GIC will be a catalyst for a more than a 20% increase in global GDP in the next 10 years to over 80 Trillion USD.

The IP3-GIC purpose, mandate and list of members 2011-2012 are set out in Appendix 2.

Marketing Committee

Chaired by the Director Marketing, this committee's role is to provide the marketing and communications function in support of the IFIP IP3 mission. Membership of this Committee is by self nomination to the Director and upon acceptance by the IFIP IP3 Board.

Executive Secretariat

Manages the day to day operation of IFIP IP3 dealing with enquiries and supporting the activities of the Councils, Committees and the Board members. It provides membership support to members of IFIP IP3 and prospective members.



Chairman's Report

Hello and welcome to the 2012 Annual Report of the IFIP IP3 Project. I am pleased to report that after a successful transition in the early part of 2011, as reported by my predecessor in his 2011 Six-monthly Report, which is attached as Appendix 1 and available on our web, IFIP IP3 has settled into a high activity mode.

The hallmark of this year has been participation ... ordinary members have been invited to attend Board meetings and included in discussions about IP3 and so we have chosen to highlight our members contribution in this report since IFIP IP3 is its members, it has no purpose other than to support members and supporting organisations in achieving our agreed mission. And at the risk of repetition IFIP IP3's mission is to create:

"...a global partnership that will define international standards of professionalism in ICT; create an infrastructure that will encourage and support the development of both ICT practitioners and employer organisations; and give recognition to those who meet and maintain the required standards for knowledge, experience, competence and integrity."

It is with sadness that I report that in this period we lost two of our founding partners, the BCS and IEEE-CS who have found it exceedingly difficult in these challenging financial times to contribute to maintaining this spirit in the face of shortages around them. We hope that sometime in the future, they will find the wherewithal to rejoin us. At the same time, we welcomed the Korean coalition, including KIISE, KAIST and ABEEK into our ranks.

It is gratifying however to see so many of our members and supporters joining in the spirit of our mission in spite of the very busy corporate lives they lead and in pursuit of their own member society goals.

In October 2011 IFIP IP3 held its annual general meeting for members and its regular Board meeting at which planning for the ensuing period is conducted. Following that meeting, a new structure was adopted with two Vice Chairman positions created to assist the efforts of the Board to achieve outcomes set up in the planning process. Colin Thompson accepted the role of Vice Chairman Standards and Accreditation as well as Chief Assessor and Stephen Ibaraki was elevated to Vice Chairman Strategic Relations. In addition an honorary Executive-Director was appointed, Mr. Bob Hart, who served with distinction in this role as well as continuing his work in standards development for IP3 working alongside the Vice Chairman Colin Thompson until his resignation in mid year.



IP3 at annual face to face planning meeting, Vancouver 2011

During that period in October, Immediate Past Chairman Roger Johnson and I visited the Commonwealth of Learning in Vancouver (one of whose senior executives sits on the Global Industry Council) to explore opportunities to partner in achieving common aims around education and skills which are the precursors to professional ICT practice.



IP3 at WSIS, Geneva, 2012

IFIP IP3 has participated in a number of events in this financial year through the offices of its champions, Vice Chairman Stephen Ibaraki and Marketing Director Moira de Roche who both have attended the 2012 WSIS Forum in Geneva along with me. Reports of this event are available online so I will not go into the detail except to say that this event, which will be repeated in May 2013 is a "must attend" for those who would influence the future of ICT and professionalism. Participation by many countries, and represented by very senior people who are keen and eager to engage with others to share their successes and to learn from others makes it a compelling and invigorating four days of activity. It is a vital opportunity to promote both IFIP and IP3 since it is a principal influencing event and I urge readers to consider the value of this Forum to their own objectives.

November 2011 IP3 was given an opportunity to give a presentation on professionalism in ICT before the delegates at the SEARCC (South East Asian Regional Computer Confederation) Conference in Mumbai hosted by IFIP member CSI. The presentation is available on our website. I met many influential leaders of the Indian ICT industry including Mr. Som Mittal President of the Indian ICT industry association (NASSCOM), the then President of CSI MD Agarwal and current President Satish Babu as well as IFIP President Leon Strous and Vice Presidents Lalit Sawhney and Ramon Puigjaner. I also took the opportunity to meet with senior members of KPMG and Infosys (both of whom are on the GIC) and TCS to discuss ways in which we could partner to pursue the IP3 mission. At this conference, we were able to meet a number of presidents and representatives of regional professional association in ICT. In talks with these people it has become evident that there are some significant difficulties with them joining IP3 and IFIP too. In resolving these issues we expect to see some substantial results in the future.



SEARCC, Mumbai, 2011

Stephen Ibaraki has been tireless in presenting the professionalism argument at each and every speaking engagement he has been, from the World CIO Forum (WCF) China late in 2011 through to the ITU/UN World Summit on the Information Society (WSIS) in Geneva, V Astana Economic Forum (AEF) in Kazakhstan and ISACA World Congress in San Francisco in June. Not only has he been 'out front' with this promotion of the IP3 mission, but his contribution to the growth of the IP3 Global Industry Council (GIC) which he founded and chairs, through continuing nominations for membership of influential senior industry leaders cannot be overstated. In this period he has successfully added five new prominent members to their ranks, and with several more under consideration at the time of this writing. In addition he has recommended to the IP3 Board three globally recognised and eminently qualified people who also sit on the GIC to participate in

the Standards and Accreditation Council which will launch in the next period to assist IP3 in its work going forward.

In addition, Vice Chairman Ibaraki has been prodigious in interviewing senior people who in the course of the interview profess their firm commitment to professionalism in ICT and in many cases to the mission of IFIP IP3. These interviews are all stored as professionally produced podcasts which are available via the IP3 website.

Marketing Director Moira de Roche has been a significant force in designing the new collateral that IFIP IP3 now has available including our banner and brochures with which to spread our message at events.

Vice Chairman Standards and Accreditation, Colin Thompson, has worked carefully and steadily together with our former Honorary Executive Director Bob Hart on developing our maturity model (continuing work in progress) and the terms of reference for our Standards and Accreditation Council. 2012-13 will be an exciting year to see these come to fruition ahead of what we believe will be a veritable rush of enthusiasm and interest in joining IP3 in the 2013-2015 period.

My personal thanks go to Roger Johnson our immediate past chairman for stepping into the breach following our restructure in 2011 to bring us back to being the IFIP IP3 Project which has allowed us to take the strides we have.

I commend this 2012 Annual Report to you and hope you find as interesting to read as I have found it in reviewing our activity and achievements.

Brenda Aynsley

Adelaide South Australia

August 2012

VC Standards and Accreditation

Apart from its regular and on-going review and maintenance activities, the Accreditation and Standards function has two key priorities this year – both of which are currently in progress. The first is to set up a new Council – the Standards and Accreditation Council (SAC) – supporting the IP3 Board in the management of its standards and accreditation functions; the second is the creation of a comprehensive infrastructure framework required to support the development of member bodies to fully accredited status.

Although the SAC will report to the IP3 Board, it is intended that it should be made up mainly of non-Board members. The Vice-Chairman Accreditation and Standards will sit as a member of the SAC as also will the IP3 Chief Assessor. But the other six SAC places will be filled by professionals with relevant experience and expertise who are not Board members. The role of the SAC, which will have its first meeting in Amsterdam in September, will be as follows:

- Establish and maintain standards, policies and procedures for the accreditation function
- Manage the accreditation function, including the recruitment, appointment and training of assessors
- Ensure compliance with the standards, policies and procedures and ensure consistency of decisions by assessment panels, including an audit function if required
- Provide an assistance service to IP3 members in planning for accreditation provided that such assistance service does not compromise standards or the integrity and independence of the assessment process
- Establish a working relationship with the Seoul Accord

The central feature of the planned development infrastructure will be a maturity model, encompassing the essential building blocks of a professional body, which is designed to guide aspiring member organisations to develop to full capability as professional bodies and enable the assessment of progress. It is the intention to embed this model within a comprehensive support system which will include both an on-line tool set and a mentoring and advice service.

We do not anticipate significant numbers of new accreditation requests until the above-mentioned support infrastructure is in place. The IP3 Board was however pleased to receive a request in June 2012 from the Australian Computer Society to accredit its Certified Technologist grade alongside the Certified Professional grade which is already accredited.

Colin Thompson

Chairman, Standards and Accreditation Council



VC Strategic Relations

The portfolio of Strategic Relations is equally as important as that of the Standards and Accreditation. The work of this portfolio is to engage broadly with industry, government and other influencers of ICT professional practice particularly other associations such as ISACA, ICCP, FEAPO, ITU to name but a few. In making contact and establishing relationships with the people and organisations, opportunities emerge to conduct a dialogue on professionalism in ICT. In the past 12 months there have been between 50 and 100 interviews recorded all of which give measured support to the mission of IP3 in the value of developing professionalism in ICT practice. This is part of our global partnership recognition that we strive to achieve in IFIP IP3.

As VC Strategic Relations I have been largely on the road since October 2011. The nature of the work I undertake means that I am regularly invited to meet with leaders of large organizations on matters unrelated to IFIP IP3 and as such will always leverage these situations to also talk about the fine work of IFIP IP3.

Contacts Made

Contacts include the senior leadership from Information Systems Audit and Control Association (ISACA <http://www.isaca.org/>), the Institute for the Certification of Computing Professionals (ICCP <http://iccp.org/>), FEAPO (<http://www.feapo.org/>) where IFIP and IFIP IP3 were outlined.

ICCP has continuing interest in joining IP3 and IFIP if this is allowed and will be observing for the time being. The ICCP does sit on the ACM Practitioner Board Professional Development Committee and Professional and Certification Committee which I also chair.

ISACA may have interest in IFIP and IP3, after meetings with their senior executives in Chicago and then at their June World Congress.

Having made these contacts, it's part of my role to ensure they are actively followed up particularly where there is such a strong interest in professionalism and IFIP.

Speaking Engagements

- Speaking invitation to the ISACA World Congress in June
<http://blogs.technet.com/b/cdnitmanagers/archive/2012/07/03/journal-isaca-world-congress-insights-2012-june-25-27-san-francisco.aspx>
There are nine interviews resulting from the ISACA World Congress including the addition of a new Global Industry Council (GIC) director from ISACA and another in discussion. ISACA already sponsors/partners with IFIP events and would be a candidate for specialist membership.
- Speaking invitation to the V Astana world economic connect 2012 forum in May (this is not directly related to IP3 however I did look for opportunities for IFIP, IP3, IP3 GIC, Seoul Accord and other engagements). My presentation included IFIP, IP3 and the Seoul Accord and, as a result, there is interest in Kazakhstan to join IFIP and other countries will follow; they are a target for IP3 as well after joining IFIP and there is interest in the Seoul Accord. The country is a model for surrounding countries in the region and thus provides many opportunities for IFIP and IP3 since there are 250 million people in the region. As the time of this writing, I'm currently invited to provide speakers for 2013 and to speak again at Astana Economic Forum/ Connect 2013 Forum (AEF).
<http://blogs.technet.com/b/cdnitmanagers/archive/2012/06/13/journal-v-astana-economic-forum-connect-2012-forum.aspx>
- The V Astana Economic Forum (AEF) included Nobel Laureates, world leaders, thought leaders, and leaders from industry. I have interviews scheduled and the AEF provided a foundation for building relationships in the region of 250 million.
- Presented at WSIS <http://www.itu.int/wsis/index.html>
Active relationships were formed with US State Department on their Alliance Program (who have interest in IFIP and IFIP world events), Intel World Ahead Program (who will support IFIP programs), global leaders from government and industry, and a supportive interview with Hamoudan Toure, Secretary General of the ITU where he states his support for professionalism principles including ethical conduct: <http://www.cips.ca/CIPS-INTERVIEWS-Dr-Hamadoun-Toure-July2012>
- Invitations to two speaking tours of China and opening keynote for the Microsoft virtual global conference on the private cloud; nominated by Microsoft to be a judge at the Imagine Cup global competition

Details of recent interviews and the link to all interviews are provided in Appendix 3.

Global Industry Council (GIC)

IFIP IP3 and IFIP IP3 GIC communications technologies are being provided by Cisco, Microsoft, and KPMG representing a contribution of over 10,000 Euros each year.

Since September 2011, the GIC has met six times via teleconference.

The IFIP IP3 GIC has provided valued content and topic feedback, speaker recommendations, and speakers to IFIP on the WCF, WITFOR and WCC programs. For example, for IFIP WCC2012 and General Assembly, eight members of the GIC have been invited or are actively involved or speaking.

At the time of this writing, there are five new GIC directors and several nomination discussions representing senior ICT leaders in FEAPO, CIONET, ISACA, The Open Group, CA, Intel, and Commbank.

There is an ICT Leadership Outreach program supporting IP3 with initial asks (of one or more of the following):

- allow names to stand for nomination to GIC,
- provide input to Professional Standards and IP3 programs such on marketing,
- provide recommendations and input to IFIP conferences,
- support IP3 government engagement,
- advocate for IP3 within their ecosystem.

The IP3 top three priorities for the GIC:

- government engagement recommendations, introductions and support,
- advice on IP3 Marketing,
- input on Standards.

The most recent additions to the GIC include:

- Dr. Bob Chu. Bob is the CTO China Open Group, Chief Scientist and Enterprise Architect Kingdee Research (platinum sponsor at the IFIP World CIO Forum in 2011), one of six Board Directors on the Open Group International Board of Governors, serves on the IP3 Professional Standards Committee and is a member of ACM Practitioner Board Professional Development Committee.
- Honourable Theresa Grafenstine, Inspector General US House of Representatives, Strategic Advisory Council ISACA, Relations Board at ISACA, Supervisory Committee at Pentagon Federal Credit Union, Assurance Services Executive Committee at AICPA, World Congress Planning Task Force at ISACA, Communities Committee Chairman at ISACA
- Frits Bussemaker, Partner CIONET Nederland, Liaison European Relations CIONET (representing 3500+ CIOs), founder and chair of iPoort (www.ipoort.nl) a community to link Dutch members of parliament with the ICT community (Government, private companies and ICT associations). Furthermore, he has set up a number of successful communities including the BPM-Forum (www.bpm-forum.org) and the first European chapter of the ASAP (www.strategic-alliances.org), past Program Director of the international WCIT2010 conference (www.wcit2010.org), member of the Steering Committee of IFIPs WCC2012 conference (www.wcc-2012.org)
- Dr. Brian Cameron, Founding President of FEAPO (Federation of Enterprise Architecture Professional Organizations), Executive Director Center for Enterprise Architecture, Professor of Practice, Awards for Professionalism Career Achievement Award (Interop), IFIP IP3 Professional Standards Committee, invited advisor to the National Association of US State CIOs and the US government, Chair ACM TechPack on EA
- Daniel Castro, Senior ICT Researcher, Information Technology and Innovation Foundation (ITIF), leading research think tank on ICT Innovation and Policy based in Washington, DC (Daniel is a colleague of Rob Atkinson who is the founding President ITIF and Daniel is recommended by Rob for the GIC)

GIC Director Tan Moorthy of Infosys (senior vice-president, head of research and education group, reporting to the executive chairman due to the importance of education—Infosys has the world's largest corporate education facility) was nominated to the IFIP IP3 Professional Standards Committee together with new GIC Directors Brian Cameron and Bob Chu (who are profiled above). Tan is an active representative of Infosys in several professional bodies including the Professional Development Committee / Professionalism and Certification Committee / Webinar Committee of the ACM (Association for Computing Machinery), NASSCOM (National Association of Software and Services in India) Education Council, IFEES (International Federation of Engineering Education Societies) and IUCEE (Indo US Collaboration for Engineering Education). In addition, Tan supported IP3's Chair Brenda Aynsley on her tour of Asia including hosting meetings at the Infosys Campus.

GIC Director Kumar Parakala, COO & Head of IT Advisory, KPMG EMEA and India extensively supported IP3 talks with NASSCOM and TCS and was of significant assistance to IP3 Chair Brenda Aynsley in her work in Asia.

Another example of GIC Directors supporting IP3's outreach and development work in Asia is Husin Ahmad. For example, Husin Ahmad VP for Xerox in Malaysia with considerable deep ties to government / industry and acted as a bridge for a broad series of meetings in the region doing considerable development work supporting IP3 in advance of the meetings, during the meetings, and post-meetings. As noted by Husin, "Hopefully we can get some footing in Malaysia and later radiate to other neighbouring countries."

World Summit on the Information Society (WSIS)

IFIP IP3 presented at the ITU, UNESCO, UNCTAD and UNDP World Summit on the Information Society (WSIS), in Geneva during May this year. For information about this important Forum see <http://groups.itu.int/wsis-forum2012/Agenda/DraftAgenda.aspx?se=42167> and for information about our presentation see <http://groups.itu.int/wsis-forum2012/Agenda/DraftAgenda.aspx?se=42167>.

The event went very well and continued active presence at WSIS events has been recommended. A number of active discussions have resulted from this including representatives from the US State Department Alliance Program, Intel (and their World Ahead program bringing ICT development and education globally), the United Nations specialised agency for ICT. The ITU is the global regulatory and standards body for Telecommunications. ITU has 193 country governments as members and over 700 corporations and significant global organizations.

The leadership of the Central Asia region, who are led by the largest economy Kazakhstan, are prospects for joining IFIP and medium term for IP3. They are interested in joining the Seoul Accord.

Federation of Enterprise Architecture Professional Organizations (FEAPO)

IP3 is an observer with FEAPO and FEAPO is supportive of IP3 activities. FEAPO could be a candidate for specialist membership in IFIP and there is interest. More information can be found at www.feapo.org

The IEEE-CS is working on an IT-Body of Knowledge (BOK) with participants from ACS, CIPS, the British Computer Society (BCS) and this would have value for IP3. A new paper defining EA will be released by FEAPO in 2013. A Career Path summit is planned for April 2013. The ACS is now formally a member; there are opportunities for former honorary Executive Director Bob Hart to contribute on Standards Work for US government which will support IP3 since the US government is collaborating with many Western governments on their new proposed competency and certification program in EA.

Characteristics of FEAPO are: several new members including IIBA: 8 years old; 25 thousands members; 20 staff and growing rapidly; multi-million dollar budget currently but growing; fast international growth particularly in India and China; projecting 35K members in 2012 and over 100K by 2016; have their own BOK, competency framework, certifications, conferences, publications; strong interest in EA since provides career path. They would be a candidate for specialist membership in IFIP together with other federation members.

Stephen Ibaraki

VC Strategic Relations

Member Association Reports

Australian Computer Society (ACS)

The Australian Computer Society (<http://www.acs.org.au>) was created by an agreement between five state computer societies in 1960. It will celebrate its 50th birthday on 1 January 2016. All states and territories of Australia progressively joined the ACS by January 1983 when the Northern Territory became the last branch to be created.

The ACS is the recognised professional association for those working in Information and Communications Technology, seeking to raise the standing of ICT professionals and represent their views to government, industry and the community. The mission is to advance professional excellence in information technology and its Objects are:

- To promote the development of Australian information and communications technology resources.
- To advance professional excellence in information and communications technology.
- To further the study, science and application of information and communications technology.
- To promote, develop and monitor competence in the practice of information and communications technology by persons and organisations.
- To define and promote the maintenance of standards of knowledge of information and communications technology for members.
- To promote the formulation of effective policies on information and communications technology and related matters.

- To extend the knowledge and understanding of information and communications technology in the community.
- To maintain and promote the observance of a code of ethics for members of the Society.

ACS became a member of the Australian Council of Professions on 1 January 2000 and as such is considered the guardian of professional ethics and standards in the ICT sector and is committed to ensuring the beneficial use of ICT for all Australians. It provides both members and non-members with opportunities for professional education, networking and certification, as well as enabling them to contribute to the development of their profession.

As at 1 June 2012, there were 20,806 financial members comprised of 11,873 professional division Members made up of Fellows, Senior Members and Members, 8,904 Associate members and 28 Honorary members. Almost 15% of the professional divisions are qualified as a Certified Professional or Certified Technologist. The Certified Professional scheme is accredited under the IFIP IP3 guidelines and thus internationally recognised by members of IFIP IP3.

In terms of maturity the ACS Certification Scheme was officially launched to members in September 2010 although it had been implemented progressively throughout 2010 following the IFIP IP3 accreditation in 2008. Promotion of the ACS Certified Professional (SFIA level 5) and Certified Technologist began with members and their employers, government and other stakeholders. It is viewed as a program of stakeholder education which is gradually beginning to win traction. The Certified Technologist (SFIA level 3) program was submitted for IFIP IP3 accreditation late in the financial year and hopefully will be accredited in the first quarter of 2012-13. Challenges experienced in this period revolve around the speed with which the market can recognise the benefits of the ACS Certification Program and embrace them. Federal government has already taken this journey for its ICT practitioners by adopting the SFIA framework and in its Modern Award provisions recognised the ACS. IFIP IP3 will undertake a review in 2013 of the ACS accreditation awarded in 2008.

In support of the IFIP IP3 Mission, ACS promotes the international recognition of its Certification Program, particularly the accredited Certified Professional and has been particularly supportive since the election of the ACS representative to the Chair and has made available additional funds to allow the IP3 Board to undertake an expansionary program of activity and membership recruitment.

Canadian Information Processing Society (CIPS)

CIPS (<http://www.cips.ca>) is Canada's association of Information Technology (IT) professionals, representing IT workers on issues affecting the IT profession and industry. CIPS is involved in a number of initiatives related to public policy, setting standards within the IT profession and assisting its community. It also is the national and international leader in the accreditation of computing programs in colleges and universities. CIPS also offers a variety of other benefits and services to its members ranging from a Code of Ethics and Standards of Conduct to educational events and networking opportunities.

In the 1980s, CIPS felt the Canadian IT industry had reached a level of professional maturity. It was time to clearly define the scope of professional practice through a voluntary certification program. Public perceptions of what constituted "information technology" were impacted by other professions, such as Engineering and Accounting. In 1988, CIPS introduced the Information Systems Professional of Canada (I.S.P.) program. Intended to provide a single, integrated professional certification, the I.S.P. offered an independent "stamp of approval" from Canada's professional society that an IT professional's knowledge and experience met standards defined by the profession. Mastery of the CIPS Body of Knowledge through the completion of a relevant computing program and a specific number of years of professional experience (depending on the individual's educational background) became the benchmark.

In 2009, CIPS decided to seek accreditation of its certification by the International Professional Practice Partnership (IP3), which had defined the "Gold" standard for professional practitioners to include possessing a well developed broad technical understanding of IT, capability to work at a high level of autonomy and influence, full accountability for own work and/or project/supervisory responsibilities (as defined by the Skills Framework for the Information Age (SFIA) Level 5. In assessing the entry routes for the I.S.P., it became clear that they were not restricted to solely IT practitioners who had a SFIA Level 5 career profile, but also allowed early career IT practitioners to qualify for the certification. Instead of changing the I.S.P., CIPS decided in 2009 to create the Information Technology Certified Professional (ITCP), which was fully aligned with the IP3 professional standard and was subsequently accredited by IP3.

CIPS certification helps in:

- Combating the negative image surrounding IT in business and government;
- Recasting IT as key enabler of business transformation;
- Improving the skills, performance and recognition of IT practitioners;
- Increasing the attractiveness of IT to employers in the marketplace;
- Increasing the attractiveness of IT to post-secondary students;

Although the ICT industry is unregulated and professionals do not require a license to practice, professionals view the voluntary certification as a need to differentiate themselves in the labour market pool. However, although the designation's success is not measured in adoption rates alone, the certifications did not achieve the level of market adoption to make it a meaningful and viable designation. There are currently approximately 1,300 I.S.P. and ITCP holders. In recent years some extensive research was done in exploring the market needs in the area of professional certification.

It concluded that professional certification has to have:

- a clearly defined body of knowledge developed in concert with and supported by stakeholder communities;
- a hierarchical recognition program with a basic or core certification and recognition of specialist roles or occupations either as more senior certifications or certification streams with a specific specialty designator;
- sound competence or knowledge and skills framework with multiple levels of proficiency that have been applied to the different occupations and/or roles;
- inclusion of the senior specialist role in the structure;
- consideration of the management aspects as a separate occupation or senior role within specialist occupations;
- recognition of the value of experience and applied knowledge in both the eligibility and assessment aspects of certification programs;
- strong linkages and partnerships with the education and training community both as stakeholders and service providers;
- strong industry participation in the development of the program standards and operational modalities;
- where assessment consists of more than just pass marks on an examination, the assessors should be recognized Subject Matter Experts following a detailed and robust assessment scheme;
- a clear Code of Professional Conduct and Ethics with an enforcement/disciplinary process;
- time-limited credentials with a recertification process requirement or a requirement for documented continuing professional development;
- significant consideration of the international aspect including cross-recognition of credentials or the recognition of other programs as "proof of competence" in certain areas;
- partnerships with other organizations or international association membership.

CIPS certification is voluntary and the value of holding the designation therefore needs to be closely tied to these market needs. CIPS has taken this information into consideration and, through the formation of the Taskforce on Re-Engineering the CIPS Certification Program, and has embarked on a road to change its certification program. It is anticipated that this transformation will be completed by the end of 2012.

As one of the first IP3P accredited societies, CIPS remains strongly supportive of the IP3 efforts. The CIPS Chair of the Executive served as Chairman of IP3 from 2009 to 2011. CIPS will continue to support IP3 in its mission to be a global partnership that will strengthen the global IT profession.

Computer Society South Africa (CSSA)

Computer Society South Africa (<http://www.cssa.org.za>) joined IP3 as a member on 25th May 2009 and is committed to the IP3 process and the target of acquiring IP3 accreditation for our professional grade of membership (PMCSSA – Professional Member of Computer Society South Africa).

During the past twelve months, activities in respect of the drive to ICT professionalism have focused on three key aspects:

- The entrenching of Continuous Professional Development (CPD) for our professional members. CPD was formally introduced into the CSSA membership in July 2010 when the membership body approved the need for CPD at the 2010 Annual General meeting. From September 2010, CPD became mandatory for all professional members. Professional members are now required to submit an annual CPD summary, and around five percent of the professional members, chosen randomly, are subject to the annual CPD audit process.
- Improving our Core Body of Knowledge (CBOK) and ensuring appropriate alignment with the Skills Framework for the Information Age (SFIA).
- Putting the necessary policies, procedures and documentation in place to achieve recognition as a Professional Body by the South African Qualifications Authority (SAQA) and have our professional designation (PMCSSA) registered on the National Qualifications Framework (NQF). Work in this respect has gone well, and we are hoping to be duly recognised by SAQA during the latter part of 2012.

In common with other small professional bodies, CSSA continues to grapple with balancing the delivery of required outputs against the consumption of limited resources (both financial and human). Nevertheless, we remain committed to achieving IP3 accreditation, but on a timescale that is more realistic and suited to our current resource position.

Information Processing Society of Japan (IPSJ)

IPSJ (<http://www.ipsj.or.jp/>) was founded in April 1960 as a corporate juridical association in Japan, and has been a leading authority in technical areas of information processing and computer science for professionals and students. In 2010, it was transformed into a general incorporated association subject to the Act on General Incorporated Associations and General Incorporated Foundations which was enforced in 2008 in Japan.

As of March 2012, IPSJ is composed of 16,944 members, where 37 honorary members are included, 2,466 student members and 246 supporting members. IPSJ principal finance is operated with members' dues.

IPSJ has a mission to promote development of the arts, sciences, industry, and humanity through conducting various activities about information processing with computers and communications and providing resources for discipline and opportunities of cooperation with sister societies to members. The activities are performed by dedicated committees.

Directors and Representatives (about 150 persons) are the highest governing authority in IPSJ. The Annual Meeting of Representatives and the Board of Directors governs IPSJ activities.

IPSJ began studying IT professional Certification at its IT Professional Committee in 2008. The IT Professional Certification Scheme Working Group was established in 2009 and has developed the initial version of the scheme. The piloting of the scheme is scheduled in 2012. The scheme utilizes the Skill Standards for IT Professionals (ITSS) and the Information Technology Engineers Examinations that were developed and being operated by the Information-technology Promotion Agency, a governmental agency of Japan.

Since many major companies developed their internal schemes to certify their employees utilizing ITSS with some adjustment, IPSJ recognize that the cooperation with the schemes in those companies is inevitable to spread the certification program.

The IT Professional Committee holds a forum on developing high-level IT professionals at the practitioner-oriented conference of IPSJ, called Software Japan, every year. In the forum, the international initiatives including IP3 were introduced as well as the activities in IPSJ.

Furthermore, papers from IP3, ACS and CIPS were invited to the special edition of the Journal of Digital Practices of IPSJ on IT professionals which was issued in April 2012, together with the papers on the vision of IPSJ on IT professionals, the certification scheme developed by IPSJ and the experience on the private certification scheme in a company.

Institute of IT Professionals New Zealand (IITP)

The Institute of IT Professionals NZ (formerly the New Zealand Computer Society) (<http://www.iitp.org.nz/>) is the professional body of the IT industry in New Zealand, a country of 4.4 million people in the south pacific.

With a history spanning 52 years, IITP is the largest and oldest IT organisation in New Zealand. IITP works closely with industry, Government, academia and others to improve the professionalism, education and innovation of the IT sector.

According to the Institute's vision, IITP is "the authoritative voice of the IT profession that leads professional development and good practice in IT."

IITP has introduced professional certification in New Zealand in the form of IT Certified Professional (ITCP). There has been good support from the profession and other stakeholders such as Government in this initiative which was assisted by the Institute's membership of IP3.

The Institute is continuing to work on a broad platform of initiatives designed to grow the profession of IT in New Zealand, from national school outreach initiatives and tertiary student engagement, through to professional development of IT professionals, certification of individuals and accreditation of tertiary degree courses.

IITP strongly supports IP3 and encourages other aspiring bodies to get involved. We will each only succeed in our mission of professionalism through coordination and collaboration with other likeminded organisations, and IP3 is the hotbed for this activity.

Korea Institute of Information Scientists and Engineers (<http://www.kiise.or.kr/>)

Computer Society of Zimbabwe (CSZ) (<http://www.csz.org.zw/>)

Appendix 1: IP3 Half Year Report January – June 2011



The first half of 2011 was a period of difficult change for IP3 but from which it emerged stronger. The February IP3 Board meeting revealed widespread concern amongst Board members concerning the sustainability of IP3 as set out in the draft Business & Operational Plan submitted to them by the then Chair and Executive Officer. The previous Board meetings in September and December 2010 had requested a sustainable budget. The February IP3 Board meeting approved three resolutions *nem con*:

1. Request to Chair & EO to produce balanced budget by May 1st 2011 otherwise all unfunded activities were to cease including an orderly wind down of the EO office
2. Proposal for an independent IP3 Standards & Accreditation Board (SAB) to be drafted within one month (by mid March)
3. Funding for accreditation to be ring fenced within IP3 reserves.

In the event the IP3 Chair and EO informed the Board shortly afterwards that they intended to disestablish the EO's office from March 1st 2011 rather than May 1st 2011.

The results of the Board meeting were reported to the IFIP Board meeting at its meeting at the start of March. The IFIP Board consequently resolved to:

1. Endorse the decisions of the February 2011 IP3 Board to
 - a. Ensure the sustainability of the IP3 Accreditation activity and
 - b. Implement prior funding for all other activities
2. Ask the IFIP President to review with IP3 Members and the IP3 Chair the future leadership, governance and programme of IP3 and to report back to the IFIP Board by July 1st 2011.

In April 2011 the IP3 Board accepted Greg Lane's resignation. Roger Johnson was elected in early May to replace him. The subsequent May Board meeting approved a sustainable budget for the remainder of 2011 and a balanced budget for 2012. The IFIP auditor signed off the IP3 accounts from its foundation to the end of 2010.

The first half of 2011 saw the rapid development of the Global Industry Council convened by Stephen Ibaraki who was co-opted to the IP3 Board having previously been an Observer. Work on trademarking of IP3 continued and was successful amongst Madrid Protocol signatories.

Work continued to recruit new members which subsequently led to Korea joining IP3. Support has continued to IP3 members to put professional infrastructure in place in preparation for requesting accreditation.

Roger Johnson

Chairman IP3

November 2011

Appendix 2: Membership and Representation of IP3 Global Industry Council

IP3-GIC members for 2011 with new additions in 2012

Husin Ahmad	Vice President Human Resources Services, ACS - a Xerox company
Gregor Bailar	Business Strategist, IT innovator and philanthropist
Venkataraman Balaji	Director, Microsoft Corporation Technology & Knowledge Management, Commonwealth of Learning
Declan Brady	Vice President for Professionalism and Skills of the Council of European Professional Informatics Societies (CEPIS)
Thomas Dawkins	Deputy Chair IFIP IP3 GIC, Senior Audience Marketing Manager at Microsoft Corporation
Moira de Roche	Consultant, LMRG Performance Agency
Kim Devooght	Vice President Public Sector, Cisco Systems Canada
Maggie Johnson	Director of Education and University Relations, Google
Jeff Kempiners	VP Client Group Executive, Avanade
Alex Lin	CEO and Founder, ChinaValue
Bill Miller	Herbert Hoover Professor of Public and Private Management Emeritus, Stanford University
Eliezor Manor	Angel Investor, Shirat Enterprises Ltd.
Tan Moorthy	Senior VP and Group Head Education and Research Infosys Limited
John Oxley	Director Evangelism/Director of Marketing, Microsoft
Kumar Parakala	COO KPMG Advisory, Head of IT Advisory KPMG in Europe, Middle East, Africa (EMA) and India
Professor Reinhard Posch	CIO for the Austrian Federal Government
Kishore Swaminathan	Chief Scientist and Founding Director of Technology Labs, Accenture

2012 Additions

Frits Bussemaker	Partner CIONET Nederland, Liaison European Relations CIONET (representing 3500+ CIOs), founder and chair of iPoort (www.ipoort.nl)
Brian Cameron	Founding President of FEAPO, Executive Director Center for Enterprise Architecture, Professor of Practice, Pennsylvania State University
Bob Chu	CTO Open Group China, Board Director International Governing Board Open Group, Chief Scientist and Chief Enterprise Architect Kingdee Research China
Daniel Castro	Senior ICT Researcher, Information Technology and Innovation Foundation (ITIF)
Honorable Theresa Grafenstine	Inspector General US House of Representatives, Strategic Advisory Council ISACA, Assurance Services Executive Committee at AICPA

IP3 representatives to GIC

Stephen Ibaraki, IFIP IP3 Vice-Chair, Chief Officer Strategic Relations and Board Director, Founder and Chairman GIC

Bob Hart, Executive Officer IFIP IP3, IP3-GIC Secretariat

In addition there are candidates for consideration for GIC nomination including:

Gabby Silberman, senior vice-president research and director of labs for CA is interested in joining however corporate policy does not allow this at this time so this will be revisited periodically.

Greg Grocholski, Chief Corporate Auditor Dupont, International President ISACA.

Michael Harte who won the 2011 CIO of the year award and is a senior executive with Commbank the largest Professional Partner in the ACS PP program.

IP3-GIC Purpose

Create a vehicle to:

- Provide a global forum under the auspices of a UNESCO-sanctioned body for the frank and open discussion of matters of common interest;
- Demonstrate a public commitment to professional ICT standards;
- Play a real and active part in developing the global ICT Profession;
- Provide detailed comment of the certification requirement and on the shape and content of development and support services for professionals; and
- Provide valuable support to the growth of ICT capability within developing nations.
- Create a mechanism for the IP3 Board to:
 - Obtain valuable, independent input from industry;
 - Engage with outside organizations and keep them interested and actively involved in IP3; and
 - Generate a modest level of subscription income from industry to support the activities of IP3.

IP3-GIC Mandate

- Provide a neutral venue for sharing issues and solutions of interest to major global organizations, with facilitation by IP3, if desired;
- Assist IP3 in enabling projects to further the goals of IP3 in developing nations;
- Articulate the needs of industry to IP3, specifically those which can be addressed through ICT professionalism, certification, and activities related to the IP3 mandate;
- Review current or proposed IP3 standards, programs or policies in order to advise on their effectiveness in industry;
- Propose specific initiatives aside from accreditation and ICT professional standards which IP3 may wish to undertake in order to collaborate more effectively with industry and specific outside groups;
- Offer expert advice and insight in an effort to help IP3 remain responsive to the needs of industry with respect to ICT professionals, professional skills and competence;
- Recommend individuals who can make a valuable contribution to the work of the IP3 Professional Standards Council and Committee;
- Discuss ways in which IP3-GIC and individual Council members may help to advance the IP3 cause.

Appendix 3: Select Summary of Interviews with Influential Industry Stakeholders

Most recent interviews

Interview

Gregory Grocholski International President, and Howard "Bud" Friedman Founding Pioneer of ISACA

Key information about the interview subject

Greg is the chief corporate auditor for Dupont (recent promotion), newly installed President of ISACA and he comes out strongly in support. His statements go beyond the quoted piece you see from the interview. ISACA would be a good candidate for specialist membership in IFIP and deeper ties with IFIP IP3. Interview available at

http://stephenibaraki.com/cips/v0712/grocholski_friedman_2012.html

Hamdoun Toure; Secretary General of the ITU, UN agency for ICT

An interview resulted from lengthy discussion at the ITU World Summit and then afterwards which resulted in this interview. Hamadoun also indicated that, he is willing to do continuing interviews in advance of ITU announcements.

Interview available at <http://www.cips.ca/CIPS-INTERVIEWS-Dr-Hamadoun-Toure-July2012>

Tadao Saito: CTO for Toyota and inventor of digital switching

Continuing dialogue with Tadao having first met him at the Vancouver Summit in August 2006, then again at the IFIP WCF in November 2011. Interview

available at <http://www.itworldcanada.com/news/toyota-cto-tadao-saito-my-it-leadership-lessons/144782>

Frits Bussemaker, CIONET Partner

Frits is a key leader with the upcoming IFIP World Computer Congress and connected with CIONET representing over 3500 CIOs. Interview available at

<http://www.cips.ca/CIPS-INTERVIEWS-Frits-Bussemaker-CIONET-Partner-Founding-Top-Global-Leader-May2012>

Namir Anani, President & CEO Information and Communications Technology Council (ICTC)

Namir is working on recent research from Google that sounds promising.

Interview available at

http://stephenibaraki.com/interviews_general/v0612/namir_anani_2012_nb.html

Robert Atkinson, Founding President ITIF:

http://stephenibaraki.com/interviews_general/v0412/robert_atkinson_nb.html

Short 5 minute interview on Rob's WCC talk:

http://stephenibaraki.com/cips/v0512/robert_atkinson_wcc.html

Dr. Will Tracz, Lockheed Martin Fellow Emeritus:

Will is Chair of ACM SIGSOFT and Chair of the ACM SIGSOFT upcoming conference. Will sits on the ACM Practitioner Board (PB) PDC (Professional Development Committee) and ACM PDC-W (Webinar Committee). Interview available at

http://stephenibaraki.com/interviews_general/v0412/will_tracz_nb.html

Leon Strous, President IFIP

Leon has completed several interviews over the years including one on the IFIP World Computer Congress 2012. Interview available at

http://stephenibaraki.com/cips/v0412/leon_strous_2012.html

Other earlier interviews

http://www.stephenibaraki.com/cips/cips_interviewslist.html

Selected interviews appear in both the online and print versions of IT World and CIO. For example the Tadao interview at <http://www.itworldcanada.com/news/toyota-cto-tadao-saito-my-it-leadership-lessons/144782>

Appendix 4: Statement of financial position

Financial position for 18 months ended 30 June 2012 ¹

	1 Jan - 31 Dec 2011	1 Jan - 30 Jun 2012
	Actual	Actual
	€	€
Opening balance held in IFIP accounts as at 1 January	<u>161,837.53</u>	<u>135,489.00</u>
Receipts		
Membership Fees	7,500.00	7,500.00
Total receipts	<u>7,500.00</u>	<u>7,500.00</u>
Expenditure		
Interim Executive Officer	12,000.00	
Business development	1,634.29	
OCE Travel and Conference Calls	60.03	711.77
Executive Support	15,206.22	3,540.32
Web-related support	86.40	54.00
New member/developing countries ⁴		
PR/Marketing	518.69	5,147.47
Other (e.g. trademarking)	4,342.80	744.00
Total expenditures	<u>33,848.43</u>	<u>10,197.56</u>
Excess of receipts over expenditures	-26,348.43	-2,697.56
Total equity carried forward to next period:	<u>135,489.00</u>	<u>132,791.54</u>

Notes and additional detail to Statement of Financial Position

Note 1: Reporting year

The reporting year was changed from calendar year to fiscal (July-June) year effective 1 January 2012 however the accounting year for IFIP audit purposes remains calendar.

Note 2: Donations and sponsorships

In-kind and monetary support amounted to €33,200

Sponsorships were provided by:

- Cisco Webex support to IP3 Board communications
- Microsoft collaboration support to the GIC
- ACS support of the chairman and admin support for IP3

Note 3: IP3 Members' contributions*

IFIP IP3 acknowledges the following in-kind contributions from member organisations. These contributions should be taken into account when the statement of financial position is considered in considering the value the IP3 Project brings to its parent organisation, IFIP.

Strategic activity	Hours
Board members in policy and governance, annual meeting, 5 board meeting teleconferences	225
Marketing: collateral and communications	60
Members advocacy of IP3 to prospects	50
Strategic Relations and industry engagement not including interview podcasts	150
Standards and Accreditation development *	50
Recruitment and stakeholder engagement	240
Conservative estimate of member contribution in hours	775

* Monetary value of members' contributions calculated at a nominal €80 per hour is €62,000

** This will increase in 2013 as more resources are applied to developing the maturity model

Note 4: New member / developing countries

Some ACS sponsorship is applied to new member and developing country activities. Considerable in-kind (volunteer) time and value is also applied to this area. IP3 is grateful for the commitment that the ACS is making to encouraging the IP3 partnership to focus on developing nations ICT professionalism.

Appendix 5: Acronyms and abbreviations

Acronym	Full description
ABEEK	Accreditation Board for Engineering Accreditation of Korea
ACS	Australian Computer Society
BCS	British Computer Society
CEPIS	Council of European Professional Informatics Societies
CIO	Chief Information Officer
CIPS	Canadian Information Processing Society
Commbank	Commonwealth Bank of Australia
CP	Certified Professional
CSI	Computer Society of India
CSSA	Computer Society of South Africa
CT	Certified Technologist
EA	Enterprise Architecture
FEAPO	Federation of Enterprise Architecture Professional Organisations
GIC	Global Industry Council
ICCP	Institute for the Certification of Computing Professionals
IEEE-CS	Institute of Electrical and Electronic Engineers – Computer Society
IFIP	International Federation for Information Processing
IITPNZ	Institute of IT Professionals New Zealand
IPSJ	Information Processing Society of Japan
ISACA	Information Systems Audit and Control Association
ITU	International Telecommunication Union
KAIST	Korea Advanced Institute of Science and Technology
KIISE	Korean Institute of Information Scientists and Engineers
NASSCOM	Industry Association of medium to large Indian IT-BPO organisations
NZ	New Zealand
PD	Professional Development
PPP	Professional Partner Program
SAC	Standards and Accreditation Council
SEARCC	South East Asian Regional Computer Confederation
TCS	Tata Consultancy Services
UN	United Nations
UNESCO	United Nations Educational, Scientific and Cultural Organisation
USA	United States of America
WCC	World Computer Congress
WCF	World CIO Forum
WSIS	World Summit on the Information Society