



International
Professional
Practice
Partnership

Informing & Transforming IT Professional Practice

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 2015 - 2016



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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 2015-2016

	<p>Brenda Aynsley Chair Australian Computer Society Representative</p>		<p>Akira Shibata Information Processing Society of Japan Representative</p>
	<p>Moira de Roche Deputy-Chair & Marketing Director IITPSA Representative</p>		<p>Anthony Wong IFIP Representative</p>
	<p>Stephen Ibaraki Vice Chairman Strategic Relations (co-opted September 2011-2014)</p>		<p>Brenda Byers Canadian Information Processing Society Representative</p>
	<p>Adrian Schofield Vice Chairman Standards and Accreditation and Chief Assessor</p>		<p>Roger Johnson IP3 Immediate Past Chairman (co-opted September 2011)</p>
	<p>Jos Timmermans NGI/VRI (Netherlands) Representative</p>		<p>Raymond Morel Swiss Institute Representative</p>
	<p>Joe Turner Chairman Emeritus, Seoul Accord (Observer)</p>		

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.
- working closely with our member bodies and partners who share our commitment to creating a sound global IT profession.

IFIP IP3 also participates in the UN supported, ITU hosted World Summit for Information Society (WSIS) including formal recognition by ITU as a "Contributing Partner" (IFIP). Our work aligns to WSIS and the Sustainable Development Goals (SDGs). Representatives from the IFIP IP3 executive have led WSIS forums and high-level events in Geneva and Paris since 2012, they were invited to participate at the United Nations in New York and have made submissions to the UN General Assembly's overall review of the implementation of WSIS outcomes in 2015.

IP3 Vision

- A vigorous program to promote professionalism in the IT profession equal to the older and longer established professions; define international standards and create a global infrastructure that will encourage and support the development of both practitioners and employer organizations in the developed and developing world through 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.

IFIP IP3 Councils

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.

Members of Council

Adrian Schofield, Chair (IITPSA)

Peter Cole (ACS)

Penny Duquenoy (IFIP representative)

Tan Moorthy (GIC representative)

Brian Cameron (GIC representative)

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:

- Adrian Schofield, Chief Assessor (South Africa)
- Colin Thompson (United Kingdom)
- Peter Cole, Senior Assessor (Australia)
- 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 at the Council 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 organizational 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 as at 30 June 2016 are set out in Appendix 2.

Chairman's Report

In this financial year July 2015-June 2016, much has taken place in moving IFIP IP3 forward whilst for some, the pace of progress is 'glacial' we are in the business of moving surely rather than speedily and that is for several good reasons. First and foremost, we want to improve practice of ICT and the ICT eco-system is vast, global, varied and differentiated affected by legislation and culture for businesses and systems of education for practitioners. In order to progress we need to engage with business, employers and practitioners as well as governments and educators to influence outcomes for ICT practice.

Unlike other professions globally there is no one set of requirements in order to practice ICT; there are few barriers to entry for employees in ICT, a multinational company can largely hire whomever they consider worthwhile, anywhere in the world to deploy them locally or remotely to the task. This means our work in establishing professionalism schemes and providing recognition for them internationally must be developed on a one by one basis which takes time. It takes time for those who are paid to supply and administer such a mutual recognition scheme; it takes even longer for those in IFIP IP3 who do this on a part time and voluntary basis and usually in addition to their involvement in those activities of their parent associations around the world.

In the period of the Annual Report a number of activities have occurred within the limitations already mentioned. Our outcomes include:

- Accreditation of a new professionalism scheme from IITPSA in South Africa
- WCC 2015 Korea presenting a seminar as part of this program and launching the Skills Report, by John Morton and the IP3-GIC members.
- WCC2015 Annual IP3 Meetings including the AGM at which the Board for 2016 was elected, the Board meeting at which the Board members were elected to their positions for the coming 12 months.
- WCC2015 Planning workshops to identify the workload we would hope to support.
- Integration within IFIP for IP3 such that it is better placed to prosecute the IFIP "Advance professionalism in ICT" Strategic Aim. This is done by promoting appropriate bodies of knowledge for ICT practitioners; common skills and competencies frameworks; accreditation and certification; high quality ICT education and life long learning.
- Participation in the European E-skills meeting in February 2016 through member NGI/VRI
- Deepening the relationship with specific Technical Committees of IFIP particularly TC9 and TC3 by involving our respective groups in identified common projects.
- Participation in the Swiss Institute annual meetings in Geneva in June 2016.
- Participation in WSIS 2016 Geneva and the most successful of our five engagements at WSIS to date. We began to promote the idea that ICT was not like other professions where a graduate establishes a practice and works in that capacity, rather ICT professionals tend to work in employment which sets them apart on a number of fronts and in particular the employees ability to act with the degree of autonomy that is expected of professionals in practice. This has implications for the ways in which we can influence the standards of practice in ICT. Interest was very much centred on Cyber security and Trustworthy computing in general which is the professionalism message we have been principally promoting over the past five years.
- Participation at the United Nations New York to engage UN members about the need for ICT professionalism through the efforts of the IP3-GIC Chairman.

I also want to congratulate the IP3 Global Industry Council and its Chairman on the award from the UN/ITU of the WSIS Champion Prize 2016. *"Mr Ibaraki received the Champion Certificate from ITU Secretary-General, Houlin Zhao, during a special ceremony to honour organizations and individuals making a significant impact in progressing the SDGs, after receiving the most global votes out of more than 240,000 overall and best reviews from the WSIS expert group".*

I'd like to take this moment to thank my Board and our members for their contribution to advancing the mission of IFIP IP3. I particularly want to thank my Deputy Chairman, Moira de Roche for carrying the Chairman's load for much of this past 12 months as I battled cancer. I am back on my feet and continue to fight to beat back this disease as I look forward to the coming year. I invite members of IFIP IP3 and IFIP members to consider joining us in Sydney in November 2016

when we will hold our annual meetings but if you cannot join us then, we look forward to seeing you all at IFIP General Assembly in 2017.

Brenda Aynsley OAM FACS CP
Chairman
IFIP IP3

VC Standards and Accreditation

Adrian Schofield from the Institute of Information Technology Professionals South Africa (IITPSA) has completed his second year as convener of the Standards and Accreditation Council (SAC).

The role and function of the SAC is to:

1. Establish and maintain standards, policies and procedures for the accreditation function
2. Manage the accreditation function, including the recruitment, appointment and training of assessors
3. Ensure compliance with the standards, policies and procedures and ensure consistency of decisions by assessment panels, including an audit function if required
4. 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
5. Establish a working relationship with the Seoul Accord.

We have general achieved those criteria in the past year, but we are unable to report any progress with accreditation of schemes.

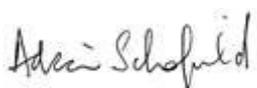
The changes in the structure at CIPS have delayed the re-accreditation of the Canadian scheme but we continue to hope that they will be able to accommodate the assessment in the foreseeable future. SAC has agreed that the virtualisation of the CIPS head office is not a barrier to assessment.

We are waiting for ISACA to revert after reviewing the compatibility of ISO 17024 against the IP3 standards to remove duplication of effort. We are making progress with VRI/NGI in the Netherlands for their move towards accreditation in the next 12 months. We have also opened the conversation with the Swiss Institute which has expressed the desire to participate.

Our Japanese colleagues are progressing along the path to accreditation and we expect to finalise a firm timetable in 2016 for accreditation in 2017.

The Tanzanian ICT Commission invited us to facilitate a workshop on ICT Profession Development in August 2016. Thanks to an introduction by Moira de Roche (who together with Brenda Aynsley and Stephen Ibaraki met representatives from Tanzania at WSIS 2012), I attended the first National Workshop of the Tanzania ICT Commission, themed ICT Profession Development. The Commission is a multi-stakeholder organisation under the auspices of the Ministry of Works, Transport & Communication with the mission of facilitating the implementation of Tanzania's National ICT Policy. Senior officials among the more than 70 delegates included the Deputy Minister, the Permanent Secretary and the CEOs of the Tanzania Telecommunications Company, the ICT Commission and the Science & Technology Commission. Adrian's presentation covered the IP3 objectives and examined the processes of accrediting professional practitioner schemes. The delegates broke into work groups to address three key questions focused on moving towards the goal of recognised professionals.

The 2015 edition of the IP3 accreditation guidelines is available to all societies interested in being accredited. IP3 assessors are available to consult with societies who seek guidance on how to meet the IP3 compliance standards for their professional grades of membership and in the compilation of their applications for accreditation.



Adrian Schofield
Vice Chairman IP3 Standards and Accreditation Council
August 2016

GIC Report

The GIC global activities and work by Chair Stephen Ibaraki provide unique and broad opportunities to position IFIP and IP3 with many diverse audiences to grow recognition, brand and membership. Due to the extent of these activities they are listed in point form:

John Morton, chair of the GIC 2020 Skills Assessment Report keynoted at the IFIP World Computer Congress (WCC) Job Forum highlighting the GIC report which was officially released at the WCC. The GIC report was featured in news articles and releases from IFIP, IDG-IT World and has received notice from the European Commission, CIO NET (5500+ CIOs/CTOs), government, and industry communities globally. The link to the report: <http://ipthree.org/skills-2020-assessment-report/> .

Examples of news:

IFIP: <http://www.ifipnews.org/ifip-ip3-global-industry-council-releases-gic-2020-skills-assessment-report/>

IDG-IT World: <http://www.itworldcanada.com/blog/ifip-ip3-global-industry-council-releases-gic-2020-skills-assessment-report/377453>

GIC directors including Moira de Roche, Frits Bussemaker, Andy Chen, John Morton, David O'Leary, Tan Moorthy, Balaji Venkataraman, Brian Cameron, and Theresa Grafenstine are exceptionally responsive when requested for support and insights. Examples include arranging speakers for global conferences, providing insights for reports, and advocating for IFIP or IP3 or GIC at external programs/events. Special mention for their outstanding work!

David O'Leary has produced several top 3 articles for IDG-IT World (hosted in Canada) profiling the GIC, IFIP, IP3, GIC 2020 Skills Assessment Report, IP3/GIC speaking at the United Nations, and GIC speaking at world conferences. IDG is ranked no.1 by ComScore as the top tech media in 2016.

Mike Hinchey, IFIP President (2016-...) was featured in an August global ACM Webinar arranged through GIC chair Stephen Ibaraki.

Stephen is appointed founder and chairman Technology Advisory Council (TAC) FSR (Financial Services Roundtable, Washington DC, trade organization, with ~ 100 top CEOs in US financial services, \$92.7 Trillion USD managed assets, \$1.2 Trillion annual revenue, 2.3 million employees) FIF. The invitation-only FINTECH IDEAS FESTIVAL (FIF) summit for January 2017 will be capped at 150 top CEOs and thought leaders. Stephen nominated Mike Hinchey to the TAC as president of IFIP when the summit happens in 2017. We also have GIC members Frits Bussemaker and Andy Chen. There is an extensive vetting process before approval by FSR since all have to meet stringent criteria.

Stephen is working actively with the top leadership of ITU-T. ITU is the 151-year-old UN Agency involved in all Tech with 193 countries and 800 organizations as members. Stephen is invited to chair/moderate the half day session involving ICT and AI at the flagship quadrennial World Telecommunication Standardization Assembly (held every four years). He will open the session with a speech setting the context, introduce three keynotes and then moderate a panel Q&A session with the keynote followed by reception. Stephen nominated Mike Hinchey, IFIP president as one of the keynote speakers. Stephen is invited to chair/moderate the ICT and AI session at the flagship annual Telecom World conference. Stephen is invited to chair (moderate) the ICT and AI session at the annual flagship ITU Kaleidoscope conference. Stephen is invited as a candidate to the new editorial board for a new ITU Journal on disruption.

Stephen is invited as the founder and chairman of the advisory board of Digital Africa and keynote at their June conference. He is invited to their executive committee and invited for future conferences. Digital Africa is leveraging technology to empower the African continent. With an extensive vet process, Stephen nominated GIC director Andy Chen and Frits Bussemaker to the advisory board. Andy Chen keynoted at the Digital Africa conference in June and is invited to the executive committee and invited for future conferences. Andy is also bringing universities to Digital Africa, and supporting their Smart Cities and power grid program. Work continues after a very successful conference with Chair Oivie (founder of top African Bank and Telco) -using technology to empower the continent. The overall chairman of Digital Africa is Evans Woherem and deputy chairman is Nneoma Ofofiele.

Stephen is appointed as IBM Watson Artificial Intelligence XPRIZE Ambassador. In his role, he nominated IFIP to be a partner and Leon Strous and Mike Hinchey are leading the work between IFIP and the XPRIZE AI program. The XPRIZE

program is solving the world's grand challenges with AI with three winning top teams taking the stage at TED2020 where one ultimate winner will be chosen.

Stephen provided a successful keynote at the 38th International Conference on Software Engineering (ICSE). ICSE is the world's largest SE conference, funded by US NATIONAL SCIENCE FOUNDATION, top 4 international science orgs in SE, research arms of all top tech companies.

Stephen introduced and is moderating the first discussions between Elim Kay vice-chairman and President of the Kay Family Foundation into discussion as a philanthropic sponsor for IFIP publications, programs, events, awards, scholarships, fellowships, and prizes. Stephen is hosting these discussions with Leon Strous and Mike Hinchey, two Presidents of IFIP (current and future). Earlier this year, Stephen was able to bring the KF Foundation as a platinum sponsor for an IFIP society conference.

Stephen is an invited member of TEDxLA (Los Angeles), the world's largest TEDx and has provided introduction of IFIP Presidents Leon Strous and Mike Hinchey to the producer so IFIP can be invited, profiled and participate.

Stephen conducts 50 to 100 interviews annually that appear with IFIP in support of IFIP or IP3. An example is the interview with **Dr. Simon Moser**, see [Dr. Simon Moser, CEO, Top ICT Authority](#); and Mike Hinchey, IFIP President (September 2016-...), see Mike Hinchey, Globally Renowned Researcher and IFIP President; Interview with **Caroline New**, see [Caroline New, International Authority in Coaching, Training, Communications, Writing, Public Relations and Marketing](#); Interview with **Moira de Roche**, see [Moira de Roche, Outstanding Multi-awarded Serial Social Entrepreneur and Senior Global Executive](#). For a complete list go to: http://www.stephenibaraki.com/cips/cips_interviewslist.html

Stephen spoke and actively participated at UN/ITU WSIS in May. As a result of IP3 efforts led by Chair Ansley and Deputy Chair and GIC Director de Roche, there was significant multi-level recognition of the value of IFIP including plenary speaking and ongoing engagements with the senior leadership of ITU: secretary general, division directors, deputies, and heads of departments. There is a concerted effort by the ITU to ensure IFIP stays engaged at the highest levels and IFIP value is clearly recognized. On behalf of IFIP for creation of the Global Industry Council, Stephen received the UN/ITU WSIS Champion Prize 2016. "Mr Ibaraki received the Champion Certificate from ITU Secretary-General, Houlin Zhao, during a special ceremony to honour organisations and individuals making a significant impact in progressing the SDGs, after receiving the most global votes out of more than 240,000 overall and best reviews from the WSIS expert group". Two news stories from WSIS: <http://www.ifipnews.org/ifip-offers-partnerships-achieve-un-sdg/>; <http://www.ifipnews.org/itu-recognises-ifip-wsis-champion-global-industry-council-initiative/>

After his invited participation in July to speak, September and at the Dec 2015 United Nations GA and ITU WSIS Review in New York, Stephen was able to secure interest from the ITU leadership in IFIP WITFOR where ITU has made application to speak. The importance of professionalism was also noted by the session chair and separately by the UN President in their summaries from Stephen's speeches (interventions) at the UN. Stephen's speech is also the only one posted from the UN/ITU work at UN HQ in New York: UN Speech: <http://www.itu.int/en/itu-wsis/Documents/UNGASideEvents/Speech-IFIP.pdf> ; <http://www.ifipnews.org/professionalism-at-un-wsis-review/> ; <http://www.ifipnews.org/global-ict-community-un-general-assembly-2015/>

Interview with **Anne Miroux**, [Anne Miroux, Director, Division on Technology and Trade Logistics, Head of the CSTD Secretariat UNCTAD](#); In IDG news media, the largest in the world: UN GA IDG: <http://bit.ly/1i9RGdX>

Stephen received an invitation to keynote and speak at three events at the World Computer Congress: 2016 Industry Prospects Conference, International Young IT Professional Conference, and the Education Forum IP3 session. All three speeches were on different themes but still highlighted ICT professionalism. For example, at the 2016 Industry Prospects Conference, Stephen keynoted to a large audience on Megatrends which spotlighted ICT professionalism. This was captured in these two news releases:

WCC/UN IDG <http://bit.ly/1j9rctI>

WCC IFIP <http://www.ifipnews.org/ifip-world-computer-congress-2015-begins-in-south-korea/>

More on the United Nations

Due to the strong leadership of IFIP IP3 chair and deputy chair, Brenda Aynsley and Moira de Roche with significant support from Leon Strous, Raymond Morel, Anthony Wong and the IP3 board/GIC at EU events and particularly at the ITU Geneva World Summit on the Information Society (2012 to 2015) and UNESCO Paris 2013—this culminated in the ground breaking invitations to the United Nations. This is a first for IFIP.

Invited by the United Nations, Stephen Ibaraki as founding chairman IFIP Global Industry Council and vice-chair board IFIP IP3 spoke at the United Nations/ITU General Assembly High-Level Meeting WSIS+10 Review in July, October and December.

Notable results were IFIP IP3 participation in the UN WSIS report and ICT professionalism inclusion in the session summaries at the UN and by the closing summary by the United Nations President during the October UN GA. The need for ICT professionalism was also publicly acknowledged in subsequent public interviews with two UN officers which have appeared in more than ten media and social media channels—again another global first:

Tomasz Janowski, Top International Governance Authority and Founding Head of the United Nations University Operating Unit on Policy-Driven Electronic Governance

<http://www.cips.ca/node/2985>

Anne Miroux, Director, Division on Technology and Trade Logistics, Head of the CSTD Secretariat

<http://www.cips.ca/node/3071UNCTAD>

This is the first time this form of acknowledgement of professionalism value has occurred at the global level by the UN. The results were reported in IFIP news and IDG articles:

UN GA IDG: <http://bit.ly/1i9RGdX>

IFIP News: <http://www.ifipnews.org/global-ict-community-un-general-assembly-2015/>

ITU: <http://www.itu.int/en/itu-wsis/Pages/Overall-Review.aspx>

UN: <http://bit.ly/2bBZ2ah>

Link to the full speech: <http://www.itu.int/en/itu-wsis/Documents/UNGASideEvents/Speech-IFIP.pdf>

Link to the full event description and speakers: <http://bit.ly/2bS1mdM>

Link to the on-demand video of the session: <http://bit.ly/2bBuXJG>



Stephen Ibaraki
Vice Chairman IP3 Strategic Relations
Founding Chair Global Industry Council

Member Association Reports

Australian Computer Society (ACS)

Australian Computer Society inc



Overview of Society

ACS is the professional association for Australia's ICT sector. It has a membership in excess of 20,000 and enjoys one of the highest per capita representation of ICT practitioners in the world for a completely self regulating profession. ACS turned 50 at the start of 2016

ACS is also an occupational association under the Australian Professional Standards legislation and has had a scheme prepared for the purposes of limiting occupational liability to the extent to which such liability may be limited under the Act ¹. This limitation applies to its Certified Computer Professional category of members. These members are those who have achieved and maintain their Certified Professional status each year ² AND have appropriate current insurance coverage. In this period, ACS has covered all members

Under the presidencies of both immediate past president Brenda Aynsley OAM FACS CP and current president Anthony Wong FACS CP, has led to a significant rise in the recognition of and support for the professional nature of ICT practice and its importance to the economy. Both Presidents have emphasised this message:

"My passion for the promotion of trustworthy computing is no secret. I believe it is a critical part of our profession, and one that is too often overlooked. More of our lives are being handed over to technology, so the trust element must be stronger than ever before."

Brenda Aynsley ACS President 2014,2015

Whilst Anthony Wong promises to build on ACS' position as one of the first evangelists for ICT professionalism.

"Recent events in the UN General Assembly and around the globe suggest that our leaders are beginning to acknowledge the importance of ICT professionalism and the need for professional excellence in the practice of ICT. I look forward to continuing to champion the cause as we celebrate ACS' achievements, the advancements in ICT and its transformative contributions to business, government and society over the last 50 years."

Anthony Wong ACS President 2016,2017

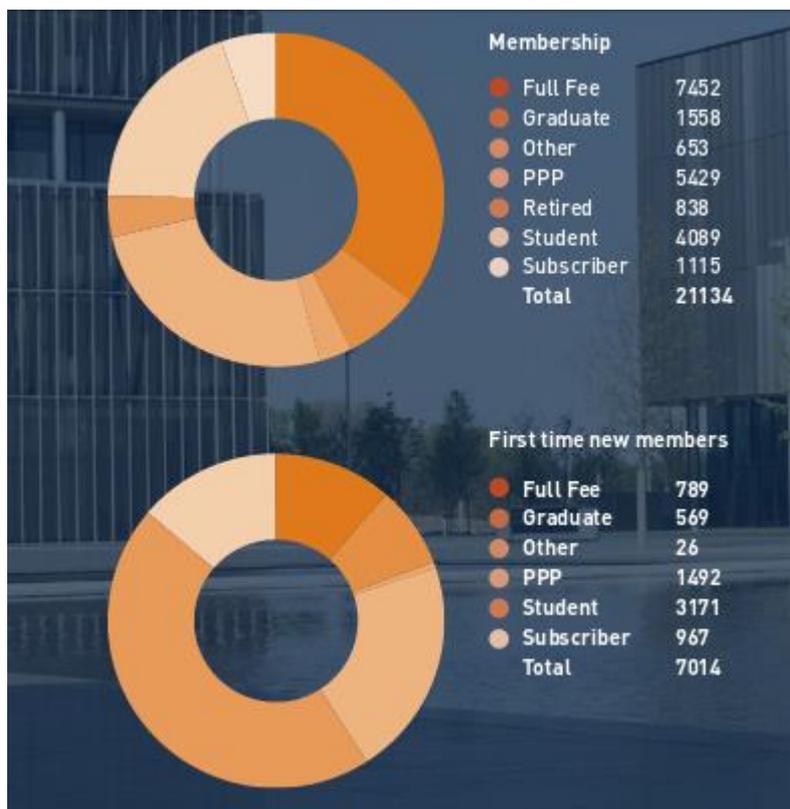
During the period of this report, ACS has focussed on six key results areas and summarised information from the ACS Annual report is presented here: ³

- Membership. ACS membership in 2014-15 is shown below.

1 http://www.psc.gov.au/sites/default/files/ACS_Scheme_2016-17.pdf

2 <https://acs.org.au/sfia-certification/acs-certification>

3 https://www.acs.org.au/_data/assets/pdf_file/0020/92801/ACS_AR15_web.pdf



- Workforce planning and development. ACS uses the Skills Framework for the Information Age (SFIA) to help members assess their skills through a purpose-built online MySFIA tool. During the FY2014-15, there was a 37% increase in members undertaking self-assessment of their skills through the MySFIA tool. In addition to this, ACS also had a significant increase in collaborative projects with government and industry partners, which resulted in a 46% increase in users undertaking self-assessments in the bespoke corporate version of MySFIA offered by ACS.
- Certification. Between March and June 2015, a high-visibility national media campaign was delivered to raise awareness and to lift the public profile of ACS Certification. This campaign was intended to publicly increase our efforts to advocate for professionalism across the ICT sector. It was also a way to demonstrate practical leadership from the ACS for our members and to highlight to non-members how the ACS supports its certified members as ICT professionals who are recognised experts.
- Continuing Professional Development and Education. Members submitted 130,824 hours with a total of 25,645 entries. Of the total entries, 17,583 were from ACS products and services incorporating the use of our digital library assets, attendance at events, participation in short courses or workshops, or the undertaking of other skills and knowledge development training. The annual growth of ACS resources being utilised by our members rose by 33%, and the growth in entries rose by 40% from the previous financial year.
- Accreditation. ACS on invitation of universities, undertakes accreditation of suitable courses. Accreditation is usually undertaken every five years by a panel of academics and practitioners with a report made available to the ACS Professional Standards Board with a recommendation. ACS accreditation utilises three main devices to benchmark program development, including the ICT Profession Core Body of Knowledge (CBOK), the Skills Framework for the Information Age (SFIA), and the Seoul Accord Graduate Attributes. The requirements of the Australian Qualifications Framework (AQF) are also incorporated to ensure regulatory compliance, along with other educational methodologies, such as Bloom's Taxonomy, as part of the overall process.
- Policy and Advocacy. The ACS has actively engaged with Federal, State and Territory Governments building good working relationships and advocating strongly on issues important to ACS and its members. ACS has made submissions to the government and the broader parliament on the issues of online copyright infringement, Australia's innovation system, the Telecommunications (Interception and Access) Amendment (Data Retention) Bill of 2014, electronic health records and healthcare identifiers, and digital television regulation. ACS also conducted a strong campaign, alongside a significant number of other employer and industry lobby groups, to Federal, State, and Territory governments on the need to include a mandatory digital technologies course in the school curriculum. At the state and territory levels, the ACS National Office has been working closely with a

number of the branches on their engagement with government. Of particular note is the work done jointly with our Northern Territory Branch to lodge a submission in December 2014 to the Northern Territory Government on their Northern Territory Economic Development Strategy. Additionally, in December 2014, the ACS National Office worked with the South Australia Branch to lodge a submission for a parliamentary inquiry into the National Broadband Network.

Significant Events in the period

- Future Leaders Institute⁴ an annual workshop for future leaders led by ACS senior members and others
- Telecommunications Society of Australia – Charles Todd Oration⁵ Held each year with a high profile speaker is streamed to several locations across Australia.
- REIMAGINATION Thought Leaders Summit 2015: Reshaping Australia to prosper in the digital future⁶ The inaugural event was held in 2015 and will be repeated in 2016.

Publications of note

- The Promise of Diversity - Gender Equality in the ICT Profession ⁷
- Australia's Digital Pulse - Key challenges for our nation – digital skills, jobs and education ⁸
- Coffee table compendium of the Information Age magazine⁹, featuring the best and most insightful articles from 2015.

Regional and Global alliances

Locally ACS works collaboratively with a number of related organisations. Within the region, ACS is a strong supporter of SEARCC the South East Asian Regional Computer Confederation (<http://www.searcc.org/>) and Past President Nick Tate is the current President of SEARCC whilst the ACS National Treasurer, Yohan Ramasundara is the Honorary Executive Officer of the organisation. Internationally ACS is committed to the pursuit of professionalism within ICT practice globally and actively works with organisations to advance that.

IP3 Accreditation

ACS was the first member of IP3 to have its Certified Professional professionalism scheme accredited which has since re-accredited until 10 December 2019. In 2014 it also saw the Certified Technologist scheme accredited for the period 11 December 2

4 <https://www.acs.org.au/news-and-media/news/2014/acs-future-leaders-institute-update>

5 <http://acs.org.au/news-and-media/news/2015/charles-todd-oration-2015>

6 <http://acs.org.au/news-and-media/news/2015/reimagination-thought-leaders-summit-2015-brreshaping-australia-to-prosper-in-the-digital-future>

7 <http://bit.ly/promiseofdiversity>

8 http://www.acs.org.au/_data/assets/pdf_file/0006/69720/02062015-Australias-Digital-Pulse-FINAL.PDF

9 <https://ia.acs.org.au/default.aspx>

CIPS

Canadian Information Processing Society (CIPS) in the past 12 months has taken an in-depth review of the market conditions, the fast pace of technology changes, the slow pace of change in corporations, more often affected by organization culture, the skills gaps it has been creating, the professional certification path and the continuous upgrading of the body of knowledge and professional skills needed. This is even more relevant after a recent report confirmed that Canada has dropped from 5th to 10th overall globally for competitiveness including IT.

The focus of CIPS' strategic activities and initiatives is targeted in the following key areas:

1. **Youth in IT:** CIPS is committed to developing a long-term sustainable strategy to develop the next generation of professionals in IT.
2. **Board Governance:** CIPS is in the process of transforming board representation by recruiting credible senior-level executives from the industry who are interested and committed to the goals and values of the organization and willing to serve and be actively engaged in CIPS' strategic agenda.
3. **Professional education and advocacy in IT:** CIPS is providing virtual education and awareness sessions on relevant and timely issues/challenges impacting IT to professionals across the country. CIPS is also responding to federal and provincial government requests for information on IT trends and challenges that impact Canadian citizens.
4. **Promoting professional IT certification and credentials of members to industry:** CIPS has implemented digital certificates for all of their I.S.P. and ITCP certified members.

Youth in IT

CIPS has finalized a three-year strategic plan with a strong focus on attracting young IT professionals and students as CIPS members. To support the plan CIPS will over the next three years be introducing new programs and services that address the needs of this younger generation. This will include an online group mentorship program bringing students and business leaders together to address existing business issues. CIPS will also update its web presence review its existing paths to the CIPS certified designations, and look at a revised fee structure. CIPS is working with universities and colleges across Canada to start student chapters at these institutions with their full support.

In the spring, CIPS introduced the Associate Information Technology Professional, AITP designation. The AITP is available to graduates who have the educational requirements for CIPS certification but lack the required professional work experience. Once an AITP holder has acquired the professional work experience they can then apply for full certification. To support the introduction of the AITP, CIPS is working towards re-establishing strong linkages with academic institutions across Canada and has waived the certification application fee for Canadian academics. CIPS recognizes the important role that academics have in setting examples for their students.

Board Governance

CIPS has started down the path of many activities with excellent results and these are early days. CIPS has managed to encourage new members to the National Board and the Provincial Boards especially from senior levels of Universities and Colleges and continues to encourage more involvement from Corporations as well. CIPS is also starting to get more participation of volunteers and has introduced more accountability and improved governance. Volunteer participation and membership has started to increase in some of the larger market areas in Canada.

Professional Education and Advocacy in IT

In January CIPS began a series of free monthly online webinars with expert speakers in their respective fields of practice addressing current issues for IT practitioners. These webinars have attracted participants from across Canada and beyond. Topics have included future of cloud computing, machine learning, sustainable agile methodology, Governance, Security, Risk Management & Audit in the IT world. CIPS also started special interest groups and expect these activities to accelerate. A library of past webinars is available to CIPS members only on the CIPS website.

Recently CIPS responded to a request by the Privacy Commissioner's Office of Canada for input on Canada's privacy consent laws and hopes to be engaged with the Privacy Commissioner in further discussions on this topic in the fall.

Promoting Professional IT Certification and Credentials of Members

CIPS has introduced digitally verifiable certificates for both the I.S.P. and ITCP holders. The objective is to promote communication and qualified education touch points with members and the industry in a credible manner and on a more consistent basis. CIPS sees the digital certificates as a new form of educational currency - a more credible, transparent and efficient way to communicate the acquisition and development and maintainability of professional certified skills - and promote its professional designations.

CIPS Committed to Leading the ICT Professional Market in Canada

With significant changes in the market place that demand IT professionals understand both the business side as well IT to be successful, CIPS believes it is very well placed to deliver on these needs to students and educators in academia, new and existing members in organizations, corporations, and government across the country.

CIPS is increasing its efforts to engage provincial and federal governments to partner in order to promote professionalism and skills upgrade. CIPS believes this is only the beginning of more exciting changes, growth and opportunities for the organization as it embarks on this strategic pathway to lead the IT professional market in Canada.

Kerry E. Augustine, I.S.P., ITCP/IP3P
Chief Executive Officer, CIPS

Computer Society Sri Lanka

<https://www.cssl.lk/>

Computer Society of Zimbabwe

Overview of Society

- Membership statistics and profile

CSZ currently have 253 paid up members who are categorised follows:

- Professional members
- Honorary members
- Associate members
- Fellow
- Affiliate members
- Graduate members
- Student members

- Region

Zimbabwe

- Key activities

- Events

- The Computer Society through its chapters holds monthly talks in the different towns.
- The Computer Society has two flagship events during the year. These are the **Business School** and the **Summer School**.
- The Software Development Community holds regular **technology focussed functions** in various university towns

The **Business School** is usually held during the months of June or July. This event is structured as a workshop and is "hands on". It brings together a small group of senior Society's members in business, as well as non-members to go through training on chosen areas. At the end of the event the delegates are in positions where they will need to add on just a few lessons and then they certify in the particular field.

The **Summer School** is held during the last quarter of the year usually in November. This is the flag ship and major ICT event for the Computer Society in Zimbabwe. It brings together all members, including the Society's executives, decision makers as well as non-members. It brings in exhibitors, both local and foreign, researchers, research institutions and government. The deliberations are based on global and local topical ICT developmental issues and policy issues are discussed or formulated at this event.

- Projects

- Through the Inter Youth IT we are involved in collaborative research in software development areas
- We are involved in ICDL centred program development for growth in the various markets.

- Social Responsibility

- The Society contributes by way of annual awards to educational institutions like the Bulawayo and Harare Polytechnic Colleges as well as the various schools.
- The Society also supports orphanages or the disadvantaged in the towns where the summer school is held.

- Regional and Global alliances

The society has global alliances with the following organisations: IFIP, ECDL Foundation. The regional alliances are with the following organisations: ICDL South Africa, IITPSA

IP3 Accreditation

The Computer Society of Zimbabwe has not yet applied for IP3 accreditation but is moving towards that. In that regard the CSZ has introduced the professional member grades and we already have members in those different grades.

- Where Society is on path to accreditation
 - Target dates
 - Obstacles
- If accredited
 - Period of accreditation
 - Which designations are accredited
 - How many members are covered under accreditation
- Activities in support of achieving / maintaining accreditation
 - E.g. CIPS Ethics exam

Information Processing Society of Japan

Overview of Society

Information Processing Society of Japan (IPSJ) was founded in 1960 and has 19,099 individual members and 220 corporate members as of March 2016. It has visions of being the most trusted IT professional society in Japan, establishing digital eco system among members and IPSJ, and family friendly policy for women members.

IPSJ has a broad range of activities including 40 SIGs in the domains of Computer Science, Information Environment and Media Informatics, national conventions in spring and in autumn, holding international conferences, contributing to international standards, and contributing to IT education. IPSJ publishes IPSJ Magazine, Journal of Information Processing (JIP), Transactions in 10 areas, Journal of Digital Practices and DP Report.

IPSJ aims to enhance its value by providing services to public society such as proposals to Japanese government, extending collaboration with practitioners through the event of Software Japan and communities called IT forums, and promoting the program of High Level IT Profession Certification called Certified IT Professional, CITP.

IPSJ has a global relationship with IEEE-CS, ACM, KIISE, CCF, etc.

IP3 Accreditation

IPSJ has developed the system of certification for advanced IT professionals called Certified IT Professional (CITP) with two methods: direct and indirect. IPSJ is now preparing the application to IP3 with the aim of being accredited in 2017.

In the direct method, IPSJ certifies individual IT professionals by examining application documents that describes applicants' knowledge level and the demonstration of skill and competency in business experiences. The evaluation is based on the Skill Standards for IT Professionals (ITSS) developed by the Ministry of Economy, Trade and Industry. IPSJ started the first public operation of this method in June 2014 after two piloting operations in 2013.

In the indirect method, IPSJ accredits internal certification systems of companies with the criteria of being equivalent to the direct method of CITP explained above. Once accredited, IPSJ issues certifications of CITP to the professionals certified by the companies. This is a kind of the Trusted Source arrangement or a delegation of the certification process. IPSJ started the first public operation of this method in the fall of 2015 after a piloting operation from September 2014 to April 2015.

As of April 2016, 305 CITPs have been certified including the ones certified through the indirect method. By the indirect method, seven internal certification systems of companies have been accredited; many of these companies are preparing the registration of CITPs. A professional community has been established by CITPs. The community held its first session in the Software Japan 2016 event.

The international standard of professional certification is being revised in the ISO/IEC JTC1/SC7/WG20. The current standard is ISO/IEC 24773:2008, Certification of software engineering professionals - Comparison framework. Development of the new standard 24773, Certification of Software and Systems Engineering Professionals, was approved as a new ISO project in 2015. The new 24773 is a conformance standard for certification schemes for software and systems engineering and will be composed of four parts. As the standard will have fundamental impact on the scheme of CITP certification, IPSJ joins this revision project by appointing a co-editor. Part 1: General Requirements of this standard will be published in the summer of 2018. Other three parts of the 24773 standard are under preparation for NWIP.

Information Technology Institute (ITI) Egypt

<http://www.iti.gov.eg/>

Institute of IT Professionals New Zealand

<http://iitp.nz/>

IITPSA (Institute of Information Technology Professionals South Africa)

Overview of Society

IITPSA is a South African Qualifications Authority recognised professional body, and our professional designation (PMIITPSA) is registered on the National Qualifications Framework. Established in 1957, and registered on 01 April 1958, IITPSA aims to represent the interests of all ICT professionals in South Africa, fostering professional relationships with other like-minded organisations and setting standards of practice, conduct and ethics for the ICT profession. Memoranda of Understanding have been signed with ISACA (SA Chapter), ISC² (Gauteng Chapter), the South African Institute of Electrical Engineers, the South African Board for People Practice, etc. The Institute is also a recognised voluntary body of the South African Council for Natural and Scientific Professions.

Our total membership count has, at the end of July, just breached the 7 000 mark, with members found throughout the Republic of South Africa, as well as some neighbouring territories (albeit in quite small numbers) – e.g. Namibia, Botswana, Zimbabwe and Swaziland. Our main Chapters (or branches) are found in Johannesburg (Gauteng) and Cape Town (Western Cape), with smaller concentrations in Durban (KwaZulu-Natal) and Port Elizabeth (Eastern Cape).

We have a number of Communities of Practice representing the special interests of different groups of members, such as Software Testing, Enterprise Architecture, Data Storage and Recovery and Digital Forensics, amongst others. These Special Interest Groups host events (some monthly) of relevance to their communities of practice.

The Institute has Board-level representation on the Media, Information and Communications Technology Sector Education Training Authority (MICT SETA) and the Institute's current CEO is the Interim Chairperson of the Internet Governance and Security Chamber of the National ICT Forum. IITPSA members also represent the Institute on various Universities' IT Advisory Boards as well as Working Groups of the South African Bureau of Standards and the International Federation for Information Processing. IITPSA is also represented, through its CEO, on a Reference Group, formed by the South African Qualifications Authority, to look at guidelines / standardisation for Continuing Professional Development (CPD) and for the naming conventions of Professional Designations in South Africa.

IP3 Accreditation

- IITPSA received full IP3 Accreditation (for the next five years) for our Professional Membership Programme during 2015. This was approved by the IP3 Board on 31 July 2015.
- Our current group of members carrying the PMIITPSA designation is still quite small, but we have approved five new professional members in the past year (bringing our total to around 65 professional members) and we are working on some activities and initiatives to grow the base of holders of this professional designation.

ISACA

<https://www.isaca.org/Pages/default.aspx>

Korean Institute of Information Scientists and Engineers KIISE

<http://kiise.or.kr/eng/history/>

NGI/VRI (Netherlands)

<https://www.ngi-ngn.nl>

Swiss Informatics Society

Overview of Society

- *Profile:* Professional Informatics association, academically oriented (originally founded as Swiss ACM Chapter) and committed to code of Ethics. Comprising 20 Special Interest Groups, reaching from very specific ones (for example APL) to very general ones (for example Freelancers, Donna Informatica, Informatics and Society, GreenIT, Cyber Security, etc.). Bridge building function between academia, schools, IT professionals, society.
- *Statistics:* 1700 individual members, 122 collective members, SIRA (Research Association) and SVIA (Informatics teaching personnel) as group members.
- *Region:* All of Switzerland (German part, French part, Italian part)
- *Key activities:* Fostering IT literacy across Swiss society via European Computer Drivers License (ECDL) (SI is the owner of the Swiss national ECDL license), active participation in important IT events (ICT Skills, CeBIT, Open Source, ...), patronage for Swiss Olympics in Informatics (SOI), working groups in "IT vision 2030" (digital agenda), "Informatics curriculum on Sek 2 level", "certification concept".
- *Projects:* Localizing textbook on Python programming to different language regions, survey of use of IT in hospitals, video contest (with GI and OCG).
- *Alliances:* Member of ICT Switzerland (national umbrella association), member of CEPIS (European IT professionals umbrella organization), member of IFIP with a proactive Swiss IFIP Committee composed of Swiss TCs delegates, member of Future Network Technology Outlook (joint effort with Austria).

IP3 Accreditation

Certification concept has been defined, based on four pillars:

1. basic education (diploma);
2. continued education (life-long learning);
3. professional experience;
4. commitment to code of Ethics/ Conduct. A new code of Ethics is under discussion, topics and partner universities for pilot certificates still in negotiation phase.

Aiming at unlimited period of accreditation, application for accreditation open to all qualifying members (approximately 1500).

Aiming at European research project for developing conceptually advanced code of Ethics (covering topics such as professional software development, usability, responsibility in the age of automation (Industry 4.0), ...

Appendix 1: Statement of Financial Position

Financial position for 12 months ended 30 June 2015 ¹

	1 July 2013 – 30 June 2014	1 July 2014 – 30 June 2015
	Actual (€)	Actual (€)
Opening balance held in IFIP accounts as at 1 July	99,436.41	99,436.41
Receipts		
Membership Fees	2,000.00	3,000.00
Total receipts	2,000.00	3,000.00
Expenditure		
Travel and associated expenses	15,225.60	12,602.48
Web-related support	192.00	229.20
PR/Marketing	269.50	-
EU Tender	6,969.60	-
Meetings	-	1,203.66
Total expenditures	22,656.70	14,035.34
Excess of receipts over expenditures	-20,656.70	-11,035.34
Total equity carried forward to next period:	99,436.41	88,401.07

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: 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	150
IP3 Board members in program activity eg membership recruitment and international policy development	1000
Marketing: collateral, website and communications	100
Members advocacy of IP3 to prospective partners	50
Strategic Relations and industry engagement not including interview podcasts	150
Standards and Accreditation development **	50
Recruitment and stakeholder engagement	1,000
Conservative estimate of member contribution in hours	2,500

* Monetary value of members' contributions calculated at a nominal €80 per hour is €200,000 a significant increase in member involvement over the 12 months.

** Problems with allocating time to this task again were evident in this period. In 2014-2015 we will have new personnel involved and expect the rate at which we can achieve our goals to improve.

Note 3: Donations and sponsorships

In-kind and monetary support was again in the order of €30,000.

Sponsorships were provided by:

- Cisco Webex support to IP3 Board communications and Microsoft collaboration support to the GIC (\$US20,000)
- ACS support of the chairman (\$US20,000)

Appendix 2: More about IP3 Global Industry Council

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;
- 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.

[Click here for GIC Director list with CV's.](#)

Since September 2014, the GIC has met via teleconference every two to three months.

The IFIP IP3 GIC has provided valued content and topic feedback, speaker recommendations, and speakers to IFIP projects, conferences and related programs. An outgrowth of this work is increased governments and industry support for IFIP and IFIP IP3.

In 2015, the GIC finalized work on the 2020 Skills report chaired by GIC member John Morton with formal release at the WCC 2015.

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 as marketing,
- provide recommendations and input to IFIP conferences,
- support IP3 government engagement,
- advocate for IFIP and 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.

Appendix 3 – Building recognition (Vice-chair Strategic Relations)

Appendix 3.1 – Selection of Interviews

A sampling of notable interviews/articles include:

- Interview with **Mattias Ulbrich**, see [Mattias Ulbrich Top International Leader and Innovator, CIO Audi, Winner 2015 EU CIO of the Year](#)
- Interview with **INFORMATION**, see [Speaking at United Nations General Assembly WSIS+10 High-Level Meeting](#)
- Interview with **Roy Taylor**, see [Roy Taylor, VP AMD, International Top-Ranking Aerial Entrepreneur and Executive](#)
- Interview with **Tomasz Janowski**, see [Tomasz Janowski, Top International Governance Authority and Founding Head of the United Nations University Operating Unit on Policy-Driven Electronic Governance](#)
- Interview with **George Neville-Neil**, see [George Neville-Neil Engineer, Author and Head of ACM's Practitioner Board](#)
- Interview with **Eve Andersson**, see [Eve Andersson Top International Academic, Executive, Author, Software Engineer, Accessibility Expert, Entrepreneur, ACM Practitioner Board Professional Development Committee Member](#)
- **INFORMATION**, see [Top Five Resources for IT Executives, IT Pros and Developers](#)
- Interview with **Vint Cerf**, see [Vint Cerf, Polymath Icon Continuing to be a Catalyst for Global Innovation and Change](#)
- Interview with **Janet Kennedy**, see [Janet Kennedy, President Microsoft Canada, Internationally Recognized Top-Ranking Executive](#)
- Interview with **Maria Klawe**, see [MS Board Director Maria Klawe, 17th on Fortune's World's 50 Greatest Leaders, Computer Science Association Canada Lifetime Achievement Awardee, shares success tips for #YouthSpark Live](#)
- Interview with **Genevieve L'Esperance**, see [Genevieve L'Esperance, Internationally Recognized Innovator, Developer, Entrepreneur, and YouthSpark Advisor and Ambassador at YouthSpark Live in Vancouver](#)
- Interview with **Sage Franch**, see [Sage Franch, Top Developer Evangelist, Blogger, Computer Science Guru Innovator, and YouthSpark Advisor and Ambassador at YouthSpark Live in Vancouver](#)
- Interview with **Dominic Holt**, see [Dominic Holt, Co-Founder and Leader of Lockheed Martin Shark Tank® Organization, Top International Software Engineer and Innovator, Entrepreneur, ACM Practitioner Board Professional Development Committee Member](#)
- Interview with **Mark Bialic**, see [Mark Bialic, President of Eurocom Corporation, Award-winning Top Innovation Executive](#)
- Interview with **Scott Palmer**, see [Scott Palmer, International Consortia Founder, Business Standards Curator, Top Business Transformation Entrepreneur](#)
- Interview with **Roy Taylor**, see [Roy Taylor, VP AMD, International Top-Ranking Serial Entrepreneur and Executive](#)
- Interview with **Ian Hamilton**, see [Ian Hamilton, CTO Signiant, Emmy Award Winning International Top-Ranking Serial Entrepreneur for Technical Innovation](#)
- Interview with **Nicole Washington**, see [Nicole Washington, Renowned Serial Entrepreneur, Innovator, Executive, Management Consultants](#)
- Interview with **Maarten Hillenaar**, see [Maarten Hillenaar, Internationally Renowned ICT Executive, past CIO Central Dutch Government; Director, Central Government IT Policy Department Ministry of the Interior and Kingdom Relations](#)
- Interview with **Houlin Zhao**, see [Houlin Zhao, 2015 Secretary-General of the International Telecommunication Union \(ITU\), World-leading ICT Executive Authority](#)
- Interview with **Stephen Downes**, see [Stephen Downes, World Renowned Research Officer, Human Computer Interaction, Information and Communication Technologies, National Research Council of Canada](#)
- Interview with **David Cheng**, see [David Cheng, Top-Ranking Pioneering Chairman, Software Developer, and World Innovation Technology Leader and Entrepreneur](#)
- Interview with **Elim Kay**, see [Elim Kay, Top Pioneering Innovator, Young Entrepreneur, International Board Director, Notable C-level Executive](#)
- Interview with **Carlos Juiz**, see [Carlos Juiz, Professor University of the Balearic Islands Spain and Top Authority in IT Governance and ICT](#)
- Interview with **Wladimiro Bedin**, see [Wladimiro Bedin: Renowned National Innovation Awarded Executive and Entrepreneur, Founder and CEO Bedin Shop Systems, Co-founder EuroCloud Italy, Best 5 Cloud Azure Services](#)
- Interview with **John Davies**, see [Chat with John Davies, Vice-President Intel World Ahead Program](#)
- Interview with **Adrian Schofield**, see [Adrian Schofield, International Leader in ICT, Accreditation, Certification and Research](#)
- Interview with **Hendrik Deckers**, see [Hendrik Deckers, Managing Director and Founder of CIONET; World-Renowned Top-ranking Executive and ICT Authority](#)

- Interview with **Gilad Meiri**, see [Gilad Meiri, CEO Neura; Wireless Serial Entrepreneur; Top-Ranking Executive, Authority in IoT and Innovation](#)
- Interview with **Markus Kummer**, see [Markus Kummer, Senior Vice-President, The Internet Society; Top-Ranking Internet, Governance and Policy Authority](#) Interview with **Chris Labrador**, see [Chris Labrador, Director Concierge Service NRC-IRAP; World-Renowned Top-Ranking Executive in Business Innovation, Entrepreneurship and ICT](#)
- Interview with **Professor Tetsuro Kakeshita**, see [Professor Tetsuro Kakeshita, International Leader in Computer Science Education, Accreditation and Certification](#)

Appendix 3.2 – Selection of Social media posts and articles

Examples of articles referencing IFIP events and professionalism include:

ITU 2015 stats confirm digital disruptive revolution: <http://www.itworldcanada.com/blog/itu-2015-stats-confirm-digital-disruptive-revolution/374996>

Vint Cerf on ACM, internet issues, and quantum and machine computing: <http://www.itworldcanada.com/blog/vint-cerf-on-acm-internet-issues-and-quantum-and-machine-computing/374085>

Roy Taylor talks Windows 10 and trends: <http://www.itworldcanada.com/blog/roy-taylor-talks-windows-10-and-trends/376193>

AMD VP Roy Taylor talks about Windows 10, virtual reality, security, and the future: <http://www.itworldcanada.com/blog/amd-vp-roy-taylor-talks-about-windows-10-virtual-reality-security-personal-identification-trends-more/101728>

Houlin Zhao of the International Telecommunication Union talks about the future: <http://www.itworldcanada.com/blog/houlin-zhou-from-the-international-telecommunication-union-on-the-future/373566>

Are you empowering future careers in IT? <http://www.itworldcanada.com/blog/are-you-empowering-future-careers-in-it/236632>

Interview: Hendrik Deckers of CIONET: <http://www.itworldcanada.com/blog/interview-hendrik-decker-of-cionet/97921>

Appendix 3.3 - Sampling of Contacts Made (since they number over 500)

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/>), the Federation of Enterprise Architecture Professional Organizations (FEAPO <http://www.feapo.org/>), Association for Computing Machinery (ACM, <http://www.acm.org>), IEEE-CS (<http://www.computer.org/web/guest>), International Institute of Business Analysis (IIBA <http://www.iiba.org/>), International CES (<http://www.cesweb.org/>), IFIP World CIO Forum (<http://ccio.cie-info.org.cn/hyxx/a/a/>), IFIP World Computer Congress, Open Group (<http://www.opengroup.org/>), United Nations Global e-Government Forum, United Nations General Assembly, International Conference on Software Engineering, CIO CITY Summit, CIONET (5000+ CIOs/CTOs), Engineering Disruption Leadership Summit, TEDxLA, Economic Forums, ... With all contacts, IFIP and IFIP IP3 benefits and value are continually outlined.

Appendix 3.4 - Information about other global bodies

Here are additional details for a few areas.

ISACA has an interest in IFIP and IFIP IP3 and they are partnered with IFIP and IFIP societies in events. Moreover, their past International President, Greg Growcholski, and International Vice-President, Terry Grafenstine, are both members of the GIC with ISACA also being an organizational member of the GIC. ISACA targeted a sizable contribution to UNESCO getting input from IFIP and IFIP IP3 and contributed to the European Commission professionalism focused BOK work initiated in 2014 and continuing into 2015.

ICCP has continuing interest in joining IFIP IP3 and IFIP. The ICCP does sit on the ACM Practitioner Board Professional Development Committee and ACM Practitioner Board Professional and Certification Committee. I am a member of the ACM Practitioner Board and chair their ACM Practitioner Board Professional Development Committee (member since 2008...chairing since 2011/2012/2013/2014/2015/2016) which includes the Webinar Committee and Professionalism and Certification Committee (PCC). The ACM PB PCC was formed in 2012.

FEAPO has support from the US government, Federal CIOs, US State CIO Association and international organizations. FEAPO continues to welcome input from IFIP IP3 where I was a founding board director in 2011 and in late 2013 was elected again for another two year board term. I also chair one of their standing board committees. Working with FEAPO (Federation of Enterprise Architecture Professional Organizations) the US government is also planning certification in EA. There is support for EA certification from Federal and State CIOs who belong to FEAPO. The President of FEAPO, Brian Cameron, is a member of the Global Industry Council and sits on the IFIP IP3 Standards and Accreditation Council. The President is the associate dean of the largest US business school and actively supports IFIP events. FEAPO executive vice-president Andy Chen is a keynote (Job Forum) at the 2015 IFIP World Computer Congress (WCC) and was instrumental in having the IEEE-CS become a sponsor for the WCC.

The ACM is the largest international computing education, research, professional association. I am an invited member of the practitioner board and chair the practitioner board professional development committee which oversees products and services from the ACM Learning Center. My interviews appear with the ACM Learning Center.

The IEEE-CS a significant global organization and their leadership has proposed my interviews appear with them plus have offered to produce regular new content with them. They have renewed interest in IFIP and IFIP programs as evidenced by their recent sponsorship of the 2015 WCC.

The IIBA is a leading member of FEAPO, hosting several summits. The IIBA is over 10 years old; 25,000 members; 20 staff and growing rapidly; multi-millions budget currently but growing; fast international growth particularly in India and China; have their own BOK, competency framework, certifications, conferences, publications. The IIBA formally joined the GIC in 2014 as an organizational member, takes an active interest in IP3 and contributed to the EC BOK work as a member of IFIP IP3 and GIC. Kevin Brennan a founder of the IIBA and first author of their resources now working independently sits on the GIC.

Appendix 4: Acronyms and abbreviations

Acronym	Full description
ABEEK	Accreditation Board for Engineering Accreditation of Korea
ACS	Australian Computer Society
AEF	Astana Economic Forum
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
IITPSA	Institute of Information Technology Professionals 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
IIBA	International Institute of Business Analysis
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	National Association of Software & Services Companies (India)
PD	Professional Development
PPP	Professional Partner Program
SAC	Standards and Accreditation Council
SEARCC	South East Asia Regional Computer Confederation
UN	United Nations
UNESCO	United Nations Educational, Scientific and Cultural Organisation
WCC	World Computer Congress
WCF	World CIO Forum
WSIS	World Summit on the Information Society