



**BRIEF REPORT**  
**ON**  
**ASTAP-24 MEETING**

**25<sup>th</sup> – 29<sup>th</sup> August 2014**

**Bangkok**

**Thailand**

**Prepared by:**

**Gopinath Rao Sinniah**

**MIMOS Berhad**

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## **A. Introduction**

Asia-Pacific Telecommunity Standardisation Program (ASTAP) is a one of the work area under Asia-Pacific Telecommunity (APT) which is for Asia Pacific Region. The standards discussed and approved at ASTAP would be adopted by member countries. Some of the standards would be submitted for consideration at ITU. ASTAP not only covers the standardisation program but also to make sure of the expert to deal with the study questions that may rise. The objectives of the APT Standardisation Program (ASTAP) are:

- To establish regional cooperation on standardization and to contribute to global standardization activities;
- To harmonize standardization activities in the region through cooperative standardization activities such as exchange of views and information;
- To share knowledge and experience among APT members through studies, research and analysis on telecommunications/ICT areas;
- To assist APT members, especially developing country members, to develop the skills in telecommunications/ICT areas by providing research and analysis-based study results and surveys on key telecommunications/ICT areas;
- To enhance the level of expertise on standardization for telecommunications/ICT areas among APT members;
- To foster appropriate institutional arrangements for promotion of telecommunications/ ICT standardization in the Asia-Pacific region.

ASTAP consists of plenary, Working Groups, Joint Coordination Groups, Expert Groups, Advisory Board and other related groups.

## **B. Participants**

The meeting was attended by the experts of various Internet domains from around the world. There were 10 Malaysian delegates from MTSFB.

### **C. ITU Regional Standardization Forum For Asia Pacific Region, 25<sup>th</sup> August 2014**

There were 5 sessions in this forum:

- i. **Session 1: Making and Implementing Standards: Bridging the gap Objectives**  
This session provided an overview of how developing countries could participate more effectively in the ICT standardization process and benefit from it. There were 2 presenters on this session.
  - Ms. Xiaoya Yang, Head of WTSA programme, TSB, ITU, presented on the programmes to bridge the standardization activities among APT member countries with the others.
  - Mr. Ashish explains about the current ICT trend and ways to bridge the standardization gap which include workshops, publications, trainings, direct assistances and study groups. There are also few guidelines available to be used by member countries for conformance and interoperability. These documents can be downloaded from the ITU website.
  
- ii. **Session 2: ICT Standardization Challenges in the region and need to address them**  
This session provided an insight into the main standardization challenges facing countries in the Asia-Pacific region and the standardization topics of interest to the region. India presented on the formation of new SDO while the other countries presented on the working method. Presenters are from India, Mongolia, Papua New Guinea and Sri Lanka.
  
- iii. **Session 3: Case Study Brunei**  
This session is about TTA, Korea and the standard organisation body in Brunei.
  
- iv. **Session 4: Establishing a National Standardization Secretariat for ITU-T**  
This session provided the guideline on establishing a national standardization secretariat (NSS) for ITU-T. This was presented by Ms. Xiaoya Yang, Head of WTSA Programme, TSB, ITU. It was followed by the panel session. The panellist are the previous presenters.
  
- v. **Session 5: APT projects for bridging standardization and ICT application gaps**  
This session presented 4 case studies on using ICT in some sectors. The topics and presenters are:
  - The eBario Project: A Regional Collaboration in Providing E-Education and E-Health Solutions for Rural Community by Prof. Dr. Khairuddin Ab Hamid, Vice Chancellor, University Malaysia of Computer Science and Engineering

- Open data and IT enabling knowledge services for Precision Farming: Rice as a case study by Assoc. Prof. Asanee Kawtrakul, Kasetsart University, Thailand.
- Resilient Networks and Reconfigurable Information Systems for Disaster Respinse, Prof. Gregory Tangonan, Executive Director, Ateneo Innovation Center
- Restoration of tropical peatland in Central Kalimantan (Indonesia) using ICTs by Dr. Suwido Hester Limin, Centre for International Co-operation in Sustainable Management of Tropical Peatland (CIMTROP), Palangka Raya University.

#### **D. 2<sup>nd</sup> APT/ITU Conformance and Interoperability Workshop (C&I-2), 26<sup>th</sup> August 2014**

There were 4 sessions in this workshop.

- i. Session 1: Presentations from APT members  
Speakers shared on conformance related activities in their countries.
  
- ii. Session 2: Presentations from exhibitors  
There were 5 speakers who exhibit their products. The speakers are from NEC, Japan on NGN E2E service testing, Oki electric on IPTC testing and showcase, NICT Japan on Language processing, NEC Japan on Body Area Network showcase and Mitsubishi on optical access showcase.
  
- iii. Session 3: Presentation from SDOs  
Few ITU-T representatives presented in this session on various topics.
  - Mr. Ashish presented the APT organisation activities
  - Ms. Xiaoya Yang presented the ITU-T structure and the study groups available
  - Mr. Marco, the rapporteur for Q2/SG13 presented on the activities in the his study group. This group focuses on IoT and related activities.
  - Mr. Yushi Naito, Chairman of ITU-T SG16 presented on the activites in that study group.
  - Mr. Marting Brand, Vice chairman ITU-T SG11 presented activities undertaken in SG11.
  
- iv. Session 4: Panel discussion and closing

## **E. Meeting Sessions**

### **a) M2M Working Group**

This WG was chaired by Dr. Hideo Imanaka, Japan. The summary of the discussion are:

- The discussions were merely on the 2 documents that are being drafted, APT Report on Smart Grid in APT Region and APT Report on e-Health in APT Region. There were few amendments proposed China, Japan and Korea on these two documents.
- The WG also drafted the liaison statement to ITU-T SG13 and SG15 on the 2 reports from APT region.

### **b) Information Security Expert Group**

This EG was chaired by Ms. Miho Naganuma, Japan.

- Discussion on the security handbook for end users which include method for construction and management of Wireless LAN.
- Discussion on the required secure bank electronic transaction
- Proposal for the 6th Industry workshop to be held during the next ASTAP meeting.

### **c) Closing**

- Each WG chairman reported their WG activities
- Few output documents were discussed and adopted
- The current leaders for the WG were highlighted
- New structure for ASTAP was proposed and will be adopted in the next ASTAP meeting.
- Each Country can propose candidate for the various positions.

## **F. Conclusion**

ASTAP-24 meeting was held for 5 days. It started with Conformance and Interoperability event. This was followed by working group meetings. Following are the take away points that MTSFB and MCMC should consider

- *It was stated that the nomination for working group leaders is open and Member countries can nominate to lead a WG. New leadership will be appointed at ASTAP-25 meeting. It would be good if Malaysia can nominate someone to take lead on few of the WGs such as M2M, NGN and ICTCC.*
- *There are few areas in M2M that Malaysia can submit working document. It is suggested that Malaysia present the status of Smart Grid, e-Health,*

*Aquaculture and Public Safety implementation based on IoT. MIMOS can take the lead role to provide the information and present at the meeting. This information would then be included as the ASTAP white paper.*

- *Another presentation that will highlight the deployment of ICT in Malaysia would be on Future Network. It is recommended that Malaysia present its strategy on Future Network.*
- *We should do more presentations at the ASTAP and also attend ITU meetings on new areas such as IoT. Malaysia can propose a new guideline or standards at both ASTAP and ITU.*

