NEWSLETTER

NICC
UK Interoperability Standards

WELCOME!!

Welcome to the fifth NICC Standards newsletter. In the newsletter we seek to keep you up to date on what's been going on at NICC, to remind you that, through membership of NICC, you may wish to be involved and influence UK standards.

MEMBERSHIP

New members are welcome to join NICC Standards Ltd. Please look on our membership page for details.

For more information, please contact the secretary –
secretary@niccstandards.org.uk

NICC OPEN FORUM

Every year NICC holds an Open Forum, to which we invite expert speakers to present on the hot topics in telecommunications.

This year's Open Forum has been scheduled for the 14th November at the IET Savoy Place in central London, and we're currently putting together what should hopefully be an interesting and thought provoking day.

This year we're intending to concentrate less on specific NICC aspects and have a broader technical set of presentations. As ever, there'll be plenty of time for networking.

For further information, please contact nick.Ireland@niccstandards.org.uk.

Open Forum registration invitations have been sent out in July and you are encouraged to register for a 'first come, first served' place as soon as possible.

For information on the Open Forum and to book you seat, please visit the web site at http://www.niccstandards.org.uk/meetings/forum-2012.cfm or email the Open Forum team, openforum2012@niccstandards.org.uk

The presentations from the 2011 Open Forum are available at http://www.niccstandards.org.uk/meetings/forum-2011.cfm

NICC AGM

On the same day and location as the Open Forum we'll be holding our 2012 Annual General Meeting. This is your opportunity to keep tabs on the Directors, ensuring that your membership contributions are being well spent. The AGM will follow after the Open Forum, at 15:30.

NICC ACTIVITES

Currently Working Groups are looking at the following items –

- *Basic SIP NNI* will produce a standard for a network interconnect SIP profile that will support basic calls and UK regulatory requirements, such as number portability and access to the emergency services. The architecture is now stable but the protocol activity is in the early stages of development. **Members are asked to actively contribute to this specification.**

- *Enterprise SIP* Drawing upon international activity at ETSI and SIP-connect, this activity will develop a UK specification for connection of IP-PBXs to the public network. The intent is that CPs will retain the ability to innovate and tailor their offering, but the document will provide a baseline standard configuration to both simplify initial deployment and facilitate migration between CPs. **This activity is progressing slowly and, once again, members are asked to actively contribute to this specification.**

- *Study of Use Cases for ND1638 (emergency service location)* Building upon the architecture developed in ND1638, this activity will produce "use cases" of how various service scenarios can deploy the approach in practical terms. **This activity is also progressing slowly and, once again, members are asked to actively contribute to this specification.**

- *Dynamic Overload Control on IP interconnects.* International standards have been concluded and this activity will update NICC's SIP-based standards to incorporate dynamic overload control. **Members are asked to actively contribute to this specification; the initial meetings are taking place through the summer.**

- *Review /expansion of scope of ND1643 (security)* Following the revised EU Electronic Communications Directive, it is proposed that Ofcom will use ND1643 (minimum security standards between interconnecting CPs) as a tool to assess compliance with General Condition 3, which sets out requirements regarding network integrity. The scope of ND1643 has been expanded to the appropriate level. This activity is nearing completion.

- *Mobile offload onto WiFi networks* will develop a high level UK implementation based on

international standards, specifically Hotspot2.0. **This activity is progressing well but members are asked to actively contribute to this specification.**

- *Report into support of emergency services in end-end IP environment.* This activity will assess the ongoing activity in various international bodies to determine potential approaches for supporting end-end IP connectivity to the UK emergency services. **Progress is being made but, once more, members are asked to actively contribute to this specification.**

- *NGA Telephony* and associated specifications are all nearing completion. The final area is agreeing the specification listing the call flows associated with the protocol specification.

Please contact the secretary for details of working group meetings.

Potential future NICC Activities
Of interest to most people will be that Ofcom are looking into the apparent increasing nuisance caused by unidentifiable sale callers. NICC may be asked to consider is how these calls may be stopped or identified..

NICC working groups have recently completed the following activities -
• *ISUP Automatic Congestion Control* This published Guidelines document brings together the acquired learning from real-life deployments of ACC to potentially produce a report with recommended implementation options. ND1515
• *Review of ND1704 (end-end QoS)* This work will review ND1704 which sets out the transmission delay plan for UK networks, in light of the utilisation of a richer suite of codec standards. ND1704
• *Review of ANFP* This work reviewed the access network frequency plan, potentially allowing for higher access speeds in DSL deployments such as fiber to the cabinet. Both the ANFP and the KCOM ANFP have been update and published. ND1602

NEW PUBLICATIONS
Since the last newsletter the following specifications have been published –

- ND1405: Guidelines for the BT ANFP
- ND1515: UK-ISUP ACC Guidelines: Effective Schemes
- ND1602: Specification of the Access Network Frequency Plan applicable to transmission

systems connected to the BT Access Network

- ND1636: NGN Interconnect – IP Address Allocation
- ND1643: Minimum Security Requirements for Interconnecting Communication Providers
- ND1644 : Architecture for Ethernet Active Line Access
- ND1645: NGA Telephony Architecture and Requirements
- ND1646: NGA-Telephony; Management
- ND1704: End-to-End Network Performance Rules & Objectives for the Interconnection of NGNs

DIRECTORS
The NICC Board is always looking for new Directors to help manage NICC Standards Ltd. Anyone interested in serving as a Director on the Board level should contact the Board secretary nick.Ireland@niccstandards.org.uk

WE NEED YOU!!
As ever, all new participation is welcome. Contact   paul.rosbotham@niccstandards.org.uk to arrange a chat about where you could add value and derive benefit, and we'll get you on the mailing list.

DISTRIBUTION
Please feel free to distribute this newsletter as you wish.

FINALLY, A MESSAGE FROM THE IET
The Institution of Engineering and Technology (IET) is the largest professional society of engineers and technicians in Europe with over 150,000 members in 127 countries. It has prioritised five Sectors; Built Environment, Design & Production, Energy, Information & Communications and Transport providing a focal point for people to exchange knowledge and source engineering intelligence.

As a Member of the IET you are put firmly at the heart of the world's pre-eminent knowledge sharing network for engineering and technology professionals. In addition to being part of a dynamic and inspiring community of like-minded professionals from around the world, membership provides you with privileged access to a wide range of innovative products and services.