



INFORMATION ON NEXT MEETING

The Studer Call Management System and General Meeting

*Location: Studer Professional Audio GmbH
Althardstrasse 30, 8105 Regensdorf*

Thursday, 4th of September 2008, 1800h – 2000h

SPEAKERS: Richard Murer, Murer Systems AG
Wolfgang Voigt, Studer Professional Audio GmbH

ORGANIZER: Attila Karamustafaoglu **LANGUAGE:** English and German

Studer's Call Management System (CMS) was the winner of radio's most prestigious technology honor, the Radio World "Cool Stuff" award, given by a panel of engineering judges on behalf of Radio World newspaper at the NAB2008 convention in Las Vegas. On this occasion we invited the people behind this product to present it to the Swiss AES section.

This system is representing the state of the art of a telephone solution for broadcast houses. Providing all common communication interfaces such as POTS (plain-old telephone system), ISDN and VoIP, it also allows users a seamless integration into their broadcast landscape and offers further services such as caller statistics, etc.

Richard Murer from Murer Systems AG is the developer of the system and will explain the insides of the product.

Wolfgang Voigt is the product manager for this product and will show the application specific aspect of it.

A hands-on session for the visitors will conclude the meeting.

Agenda

1800h General Meeting including reports from the last 2-year period, forecast to the new period and elections of the committee.

Persons interested in participating in the committee are cordially invited to contact beforehand one of the current committee members.

Other requests for the general meeting agenda can also be placed at any member of the committee beforehand.

1830h Break

1845h Start of normal meeting about the Studer CMS with presentations of R. Murer, W. Voigt and a hands-on session.

Please subscribe as usual at www.swissaes.org/ programme.

REPORT ON PREVIOUS MEETING

N/ACIP – Audio Contribution over IP

Thursday, 12nd of June 2008, 1800h – 1930h
at Hotel Ador in Bern

SPEAKER: Mathias Coinchon, Senior Engineer, EBU
Secretary of EBU N/ACIP and N/VCIP groups

REPORTER: Attila Karamustafaoglu

About 15 visitors joined this meeting on a nice summer evening in the city of Bern for this meeting.

Mathias Coinchon held his very interesting presentation in two parts which were split by an apéro inbetween.

The main points of his speech were the following:

1. ISDN is already now being switched off in many countries. This is a problem for broadcasters since they can't organize anymore reliable audio lines in short time over large distances.
2. N/ACIP focuses on setting a standard how devices of different manufacturers can exchange data.
3. RTP which builds upon IP is proposed as exchange format.
4. N/ACIP compatible devices must support at least the codecs G.711, G.722, MPEG1/2 Layer II and linear PCM. All other formats are voluntary some of them are recommended.
5. For signaling SIP is used. This allows that a device can be found world wide with one unchanging address.
6. IP traffic in contrast to synchronous traffic such as ISDN or ATM can be regarded as individual car traffic in contrast to public train transport. Usually the car is the faster medium but for

arrival on time much reserve time for congestion has to be calculated in. A nice metaphor.

7. The public internet is not to be mixed up with managed IP networks. The latter mostly offer a service with guaranteed latencies and throughput rates.
8. In most countries it is not a problem to obtain a managed network connection between two arbitrary geographical locations within a short time (a few days).
9. The problem is that internationally almost no data transport services are available anymore. It has been there with ATM and ISDN but these are being switched off.
10. International data traffic becomes or stays despite the internet hype an expensive niche market.

Please find the presentation held also on our website:

www.swissaes.org/downloads/material_080612.zip

After the meeting, a part of the group continued the discussions at the usual dinner after the meeting which was held at the Locanda Tre Fratelli nearby.