

70 MINUTES

February 2021 Vol. XXIX Number 2

Tuesday, February 9, 2021 - Gather Online beginning at 6:30pm
Meeting 7:00pm with presentation to follow
Presentation: OTT/transcoding, ATSC 3.0, Radio and audio only digital distribution
Jay Gedanken, VP Sales & Business Development, and Paul Dadian both of igolgi

Meeting Information

Our next meeting will be Tuesday, February 9 online at 6:30pm, the SBE Chapter 70 meeting will be at 7pm, with a presentation to follow.

The presentation will be made by Jay Gedanken, VP Sales and Business Development of igolgi, and Paul Dadian of igolgi. The focus of the presentation will be: OTT/transcoding and “just in time” transcoding, ATSC 3.0, Radio and audio only digital distribution. This will include current and future technology and trends as well as solutions to common needs for today’s broadcasters. Information on ATSC 1.0 and ATSC 3.0 will also be presented. Igolgi has developed high-quality, low-latency products suited for production facilities. You can read more about Jay and igolgi on page 2 of this newsletter.

Our February meeting will again be virtual, via Zoom. Click on the link in the email with this newsletter. We will most likely send out a reminder email early next week with that information and a presentation as well.

Hope to see you on February 9,
John Hovanec, CSRE/CBNT DRB AMD
SBE Chapter 70 Program Chair

Chairman’s Chat

Hello all members and friends of SBE Chapter 70. First I want to thank Mary Scnelle of the Broadcast Depot and Mary Ann Seidler of MultiCam Systems for the virtual program last month. The technology for visual radio has taken off lately and is smarter than ever. They also have some new 'not green screen' tech that is really cool, think Mandalorian type settings. The meeting is available for playback in the cloud. If you're interested, contact John Hovanec for the link.

In National news, a new SBE Webinar on Tower Design Standards is on February 18, 2021 at 2 pm. It will be hosted by Brian Reese, President of Reese Tower Services, with over 25 years of experience. The objective of this session is to introduce ANSI/TIA-222, revision H, “Structural Standard for Antenna Supporting Structures, Antennas, and Small Wind Turbine Support Structures” as the recognized design standard for tower structures and antennas. Attendees will receive an overview of the Standard including loading, analysis, design, manufacturing, foundations, modification, and maintenance/condition assessment requirements.

(Continued on page 2)



Chairman's Chat ((Continued from page 1))

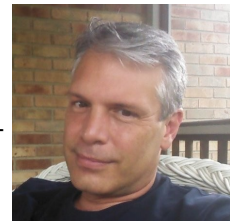
Then the 2021 IP Networking Series continues with Module 2: A Focus On Ethernet Switching on Thursday, February 25, 2021 at 2 p.m. ET. Part 2 of the series will focus on understanding ethernet switching which has become the core technology of a modern IP network. Topics to be covered include Ethernet switch architecture, Ethernet switching principles, the collision domain, and the Ethernet frame; media access control/physical addressing; VLAN fundamentals, tagging and trunking; Spanning Tree Protocol; implementing VLANs; and Power-Over-Ethernet (PoE) standards.

Blake E. Thompson CBNT
BET Broadcast Engineering
SBE Chapter 70 Chairman
OAB ABIP Inspector

About or Presenters: Jay Gedanken, and Paul Dadian

Prior to joining Igolgi, for over 35 years in technology sales with an emphasis in broadcast products, Jay Gedanken has held a variety of leadership roles in the industry, including former Vice President at Scopus Video Networks and founder of the company's North American operation. His vast array of experience includes sales and management positions at Actus, Visionetics, Optibase, Adtec, and Sen-core. Over the years, Gedanken has developed a deep understanding of broadcast workflows and expertise in providing simple and complex solutions for all levels of broadcasters, from single local affiliates to national networks.

Paul Dadian has worked in the professional broadcast industry for over 21 years. Formerly with Anywave Communication Technologies, Linear Industries Brazil, Radio Sales with Electronics Research Inc. (ERI), iBiquity Digital Corporation USA, Harris Broadcast, Former Owner of Rcartz Inc.; In-field NASCAR, CART, IRL, IMSA, ALMS Racing productions and NFL Football sports productions for Fox, ABC, NBC, CBS, NFL Network, and the Speed Channel.



Igolgi is an engineering and development company. Our engineering staff has years of experience in every type of compression and encoding technology, and we are experts in software control and interface. Our principal engineers hold over 100 patents in compression related projects. For over a decade we have provided innovative, flexible, and high-quality solutions for the broadcast, cable, LPTV and government markets.

 <p>Gary Liebisch Regional Sales Manager, Eastern US</p> <p>Tel: 1 740 513 2087 Mobile: 1 513 289 6322 Fax: 1 513 672 0600 gary.liebisch@nautel.com</p> <p>Making Digital Radio Work.</p>	<p>Broadcasters General Store</p>  <p>Established in 1979</p> <p>Mary Schnelle office: 513-899-3036 fax: 513-824-8113 cell: 513-476-4474 email: mary@bgs.cc web: www.bgs.cc</p> <p>2480 South East 52nd Street • Ocala, FL 34480</p>
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January Meeting in Pictures



SBE Chapter 70 Meeting - Recording 2 - Shared screen with speaker view

MULTICAM RADIO

AUTOMATED INTELLIGENT VIDEO IMMING

ARTIFICIAL INTELLIGENCE + SPEAKER DETECTION
The AI module is driven by the audio detection from microphones. The visual presentation is varied and dynamic with the preset views from cameras.

ENRICH VIDEOS WITH AUTOMATED GRAPHICS OVERLAY

Radio program connected
The AI communicates with main radio automation software. The graphics are driven by the timeline from radio automation.

BROADCAST LIVE STREAMING & PODCAST

FULL COMPLIANT PLATFORMS
Easy setup without programming script. Once started you broadcast 24/7 anywhere (YouTube, Facebook, website).

SBE Chapter 70 Meeting - Recording 2 - Shared screen with speaker view

Best practices

- Flexibility
NDI
- Be careful of limitations that could constrain you
- Always be thinking interactivity
- Overcome Announcers objections
- Network and interconnectivity

SBE Chapter 70 Meeting - Recording 2 - Shared screen with speaker view

HP Wide Vision FHD Camera (0646:9314)
Resolution: 1920x1080
Mic: Par défaut - Microphone Interne (Creative IS)
Speaker: Par défaut - SAMSUNG (Son Heart) pour éor
Auto-Aspect: Screen Source

VIDEO CONTROLS

STUDIO BACKDROP

SET IN 00:00:32

CAM1 CAM2 CAM3

With ATW Focus: Auto Exposure: Automatic

With ATW Focus: Auto

With ATW Focus: Auto



2021 Exam Schedule

Exam Dates	Location	Application Dates
February 5-15, 2021	Local Chapters	Closed
June 4-14, 2021	Local Chapters	April 16, 2021
August 6-16, 2021	Local Chapters	June 11, 2021
November 5-15, 2021	Local Chapters	September 10, 2021



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- Studio option with CCU

For more information or to schedule a demo, contact

Tom Shirilla
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440-572-9209 (office)
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