

# SBE CHAPTER 70 - CLEVELAND/AKRON

# SBE 70 MINUTES

Cleveland Browns Stadium

January 9th - Gather at 6:00pm-6:30pm.

Dinner, Meeting, and Presentation to follow

## JANUARY 9th MEETING INFO

Our next meeting will be at Cleveland Browns Stadium on January 9<sup>th</sup>. Plan on arriving between 6:00 and 6:30pm. The playoff bound Browns will host dinner for our group, and we will get to see some behind-the-scenes areas of the facility. We will also have a new program on Wireless Frequency Coordination and why you need it.

Topics to include;

- The NFL & SBE frequency coordination process
- How drones are impacting Stadiums and possible mitigation strategies
- Cords can be your best friend
- Where are things headed?

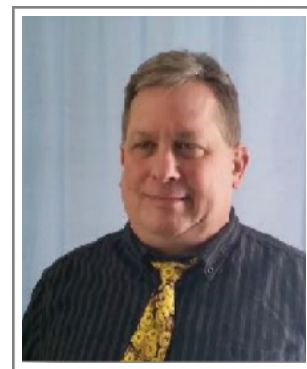
Park in the north lot and enter through the Media gate on the northwest end. (See pics on page 2)

Please RSVP to [john.hovanec@audacity.com](mailto:john.hovanec@audacity.com) as soon as possible! We may be able to add you at the last minute when you get the meeting reminder email on Tuesday, January 9, but you'll have to reply by early afternoon so we have time to get your name on the list at the Security Desk where you enter. We also have a Zoom link for the meeting and presentation, which hopefully will convey

(Continued on Page 2)

## CHAIRMAN'S CHAT

Hello all members and friends of SBE Chapter 70. A big chapter thanks go out to John Hovanec & Brett Patram for the excellent program on AOIP systems and back-ups/bypass designs. Brett's work for Hubbard in Cincinnati was really impressive. We learned a lot about AOIP network structures that can include auto-changeover features. You can ask John for the recording of the program if you'd like to check it out.



In national news, plans are proceeding for an Ennes Workshop to be held at the Las Vegas Convention Center's West Hall preceding the 2024 NAB Show on Friday April 12 and Saturday April 13. The SBE is working with the NAB to present the Workshop this year. There will be two program tracks. The SBE will again present the *RF 101 Bootcamp*, designed to give those with a predominantly IT-oriented background the foundational information regarding transmission methods and equipment so that they can effectively function in these disciplines.

(Continued on Page 2)

# SBE CHAPTER 70 - CLEVELAND/AKRON

## Meeting Info (continued from Page 1)

the event as well as we possibly can, but of course better to be to this one in person. If you have any issues finding the entry or getting in, contact me via cell phone at 216-392-3622.

Hope to see you there!

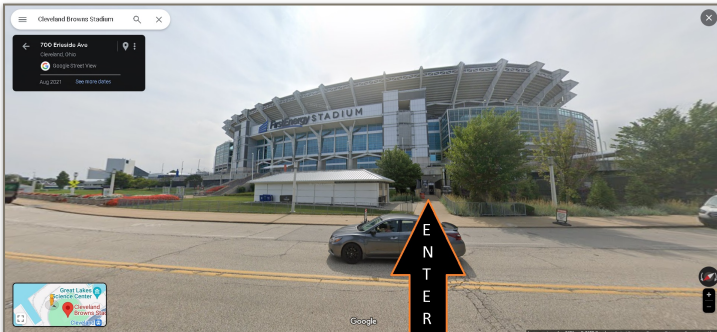
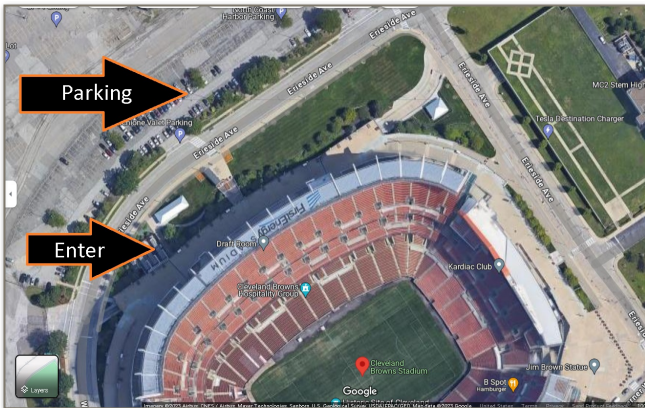
-John Hovanec, CSRE/CBNT, DRB, AMD  
SBE Chapter 70 Program Chair

## Chairman's Chat (continued from Page 1)

The second educational track, *Media Over IP (MoIP) Essentials*, will introduce the essentials of IP-delivered media covering video and audio implementations.

The last portion of the Workshop will bring the tracks for a combined session on management skills: How to speak in terms of ROI, cost of acquisition and cost of ownership/operation, using language that owners, managers and financial colleagues understand, with a goal toward helping to bring engineering back into the management team.

### CLEVELAND BROWNS STADIUM SBE Entry Location



SBE webinar on *Spectrum Analysis and the Use of the Spectrum Analyzer in Radio Broadcasting* runs on January 25, 2024 at 2 p.m. ET. This presentation uncovers the various uses and applications of the spectrum analyzer as it relates to radio broadcast engineering. The fundamentals of spectrum analysis and troubleshooting of systems will be covered. More info at [sbe.org](http://sbe.org)

Thanks, and see you at the Stadium!

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

**Mary Schnelle**  
U.S. Sales

mary@7bd.com  
Mobile: (513) 476.4474  
Office: (813) 349.2400

**Broadcast Depot Corp.**  
4326 West El Prado Blvd.  
Suite #1 Tampa, FL 33629  
www.7bd.com

Logos: ELETRONICA, DEVA BROADCAST, SVS, AXEL TECHNOLOGY, Telos Alliance

**VIDEODUB INTERNATIONAL**  
*For Business & Video Professionals*

**Fadi Kdayssi**

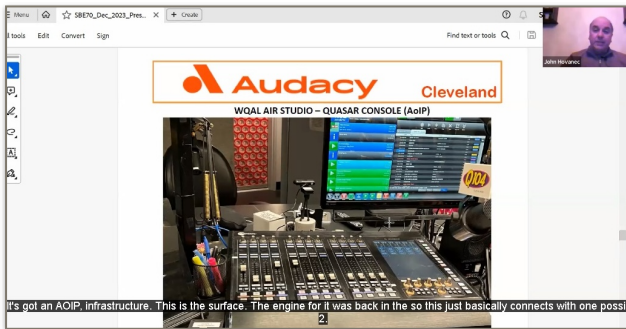
VideoDub International Inc.  
2504 Fairmount Blvd.  
Cleveland, OH 44106

Phone 216-321-1440  
Fax 216-321-4404  
fadi@videodubinternational.com

# SBE CHAPTER 70 - CLEVELAND/AKRON

## DECEMBER MEETING

NOTE: These are detailed graphics. I have attached them in the newsletter email to allow you to download the individual diagrams to get a better look.



It's got an AoIP Infrastructure. This is the surface. The engine for it was back in the so this just basically connects with one point.

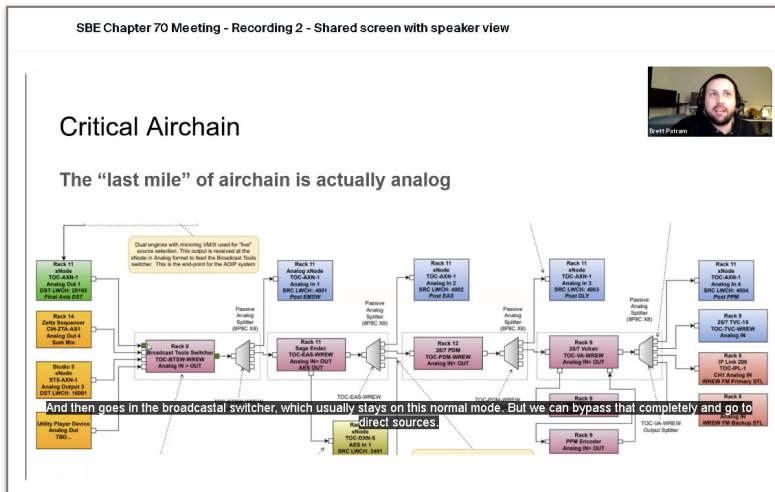
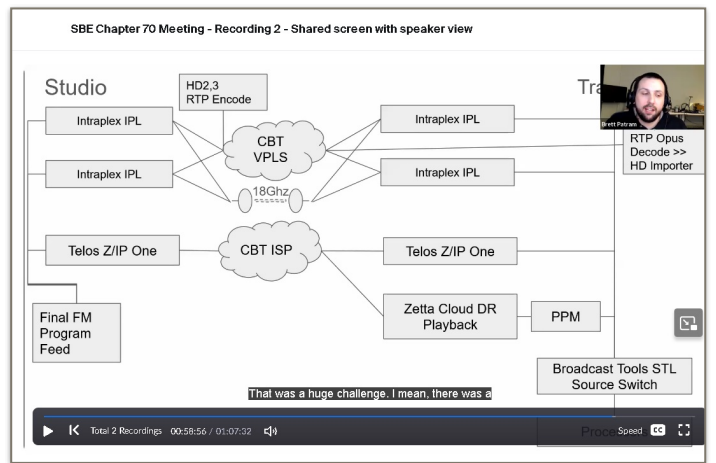
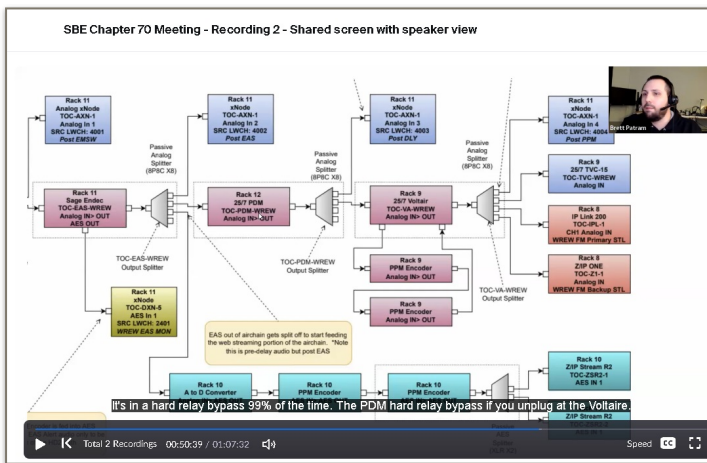
SBE Chapter 70 Meeting - Recording 2 - Shared screen with speaker view

### Keeping Audio On-the Air in an AoIP World

**Keeping off the air time to a minimum**

- We need to minimize downtime due to ratings metrics.
- Off Air= No PPM Encoding/Decoding = No Nielson Credit!
- What wasn't as big of an issue in the 'diary' days of ratings now had a by-the-minute accountability. Being off the air for a bit of time now has immediate and verifiable consequences.
- Engineering, of course, was tasked with and made accountable for this!
- The Plan: identify and eliminate as many 'single points of failure' as possible and try to add redundancy and make 'failover' to the backup infrastructure as quick and automatic as possible.
- There are multiple ways to switch audio paths with a backup infrastructure. **Example is Air Studios have both networked (AoIP) and hard wired audio path for some sources and destinations that are considered critical.**
- Most if not all critical equipment also features redundant power supplies.

It's just the way things are right now. For backup. Your best off in what we've done is while we're using a lot of audio over IP technology.



# SBE CHAPTER 70 - CLEVELAND/AKRON

## SBE 2024 Certification Exam Schedule



Exam Dates	Location	Application Deadline
February 2-12	Local Chapters	January 3
April 16	NAB Show/Las Vegas	March 1
June 7-17	Local Chapters	April 26
August 2-12	Local Chapters	June 14
November 1-11	Local Chapters	September 6

When you are ready to take an SBE exam, please fill out the appropriate [application](#) and send it into the SBE National office. You will be notified once your application has been approved. Approximately 3 weeks before the exam time, your local certification chairman will receive a list of applicants in his/her area. He/she will then contact those applicants to schedule a date, time and place for the exams. The exams will be mailed back to the National office for grading. The pass/fail grades will then be mailed directly to the applicants.

THE TELOS ALLIANCE™  
**JIM ARMSTRONG**  
SALES ENGINEERING MANAGER - AMERICAS  
678-475-1361

*Telos*  
**Omnia**  
**AXIA**

WWW.TELOSALLIANCE.COM

# SBE CHAPTER 70 - CLEVELAND/AKRON

## Topic: SBE Chapter 70 Meeting

Time: January 9, 2024 06:00 PM Eastern Time

### Join Zoom Meeting



Topic: SBE Chapter 70 January 9 2024 at Cleveland Browns Stadium  
Time: January 9, 2024 06:00 PM Eastern Time (US and Canada)

Join Zoom Meeting

<https://us06web.zoom.us/j/83358560381?pwd=X74V8yZEIUcK6RGbqWdNstgMtPwCtU.1>

Meeting ID: 833 5856 0381

Passcode: 350675

Or dial by your location

• 1 312 626 6799

• 1 929 436 2866

Meeting ID: 833 5856 0381

Passcode: 350675

## 2023-2024 Chapter 70 Officers

### Chairman

Blake Thompson, CBNT  
WQKT-FM/WKVX-AM  
330-671-6208  
[blake@uakron.edu](mailto:blake@uakron.edu)

### Vice-Chairman

Jim Georgiades  
Salem Media Group Cleveland  
216-816-6293  
[wktxam@yahoo.com](mailto:wktxam@yahoo.com)

### Program Chair

John Hovanec, CSRE/CBNT, DRB, AMD  
WNCX, WKRK, Audacy-Cleveland  
216-861-1361  
[John.hovanec@audacy.com](mailto:John.hovanec@audacy.com)

### Secretary

### Treasurer

Mark Krieger  
[kriegertrek@gmail.com](mailto:kriegertrek@gmail.com)

### Certification

Jim Arcaro, CPBE  
216-337-2793  
[jgarcaro@juno.com](mailto:jgarcaro@juno.com)

### Frequency Coordinator >1GHz

Jim Baird  
440-823-6803  
[ajrb53@ameritech.net](mailto:ajrb53@ameritech.net)

### Frequency Coordinator <1GHz

Jim Baird  
440-823-6803  
[ajrb53@ameritech.net](mailto:ajrb53@ameritech.net)

### Webmaster

Brett Patram  
Telos Alliance  
216-525-1824  
[brett.patram@telosalliance.com](mailto:brett.patram@telosalliance.com)

### Newsletter Editor

Bob Long. 88.9/WSTB-FM. 330-352-3071. [boblong@rock889.com](mailto:boblong@rock889.com)