



DANTE™ AV NETWORKING WORLD

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*info***Comm15**

Conference: June 13-19 | Exhibits: June 17-19  
Orange County Convention Center | Orlando, Florida



# “It Just Works”

Keith Anderson &  
Corey Goebel  
Metro Sound & Video  
New Berlin WI

# ***“We do Churches...and Convention Centers”***

- ***Milwaukee Metro Sound to Metro Sound & Video-Still Just A Family Owned Business***
- ***Primary Market Focus is AV Technology for Worship-Our Passion, When We Aren't Doing Convention Centers***



# Background With The Wisconsin Center District

The Original Installation

You Need Three Hands?



# How A Church Contractor Wound Up With A Convention Center

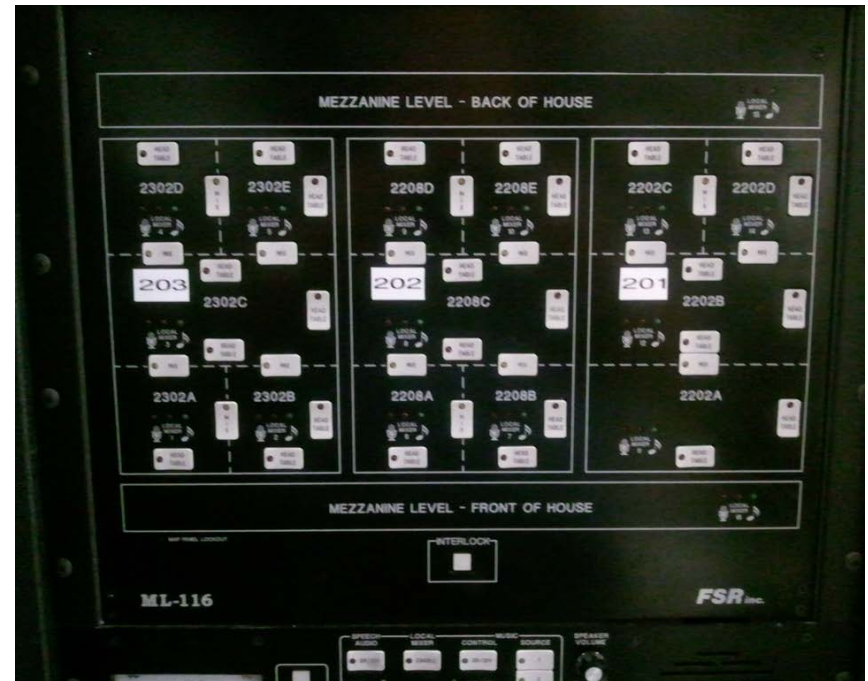
## The Wisconsin Center District



# “Design/Build On The Fly”

## The Contract is Awarded And The Process Begins

- We Bid We Won, What Where We Thinking?
- Original Install-Over a Year Onsite
- “We Can Only Be Down For One Month-Seriously?”

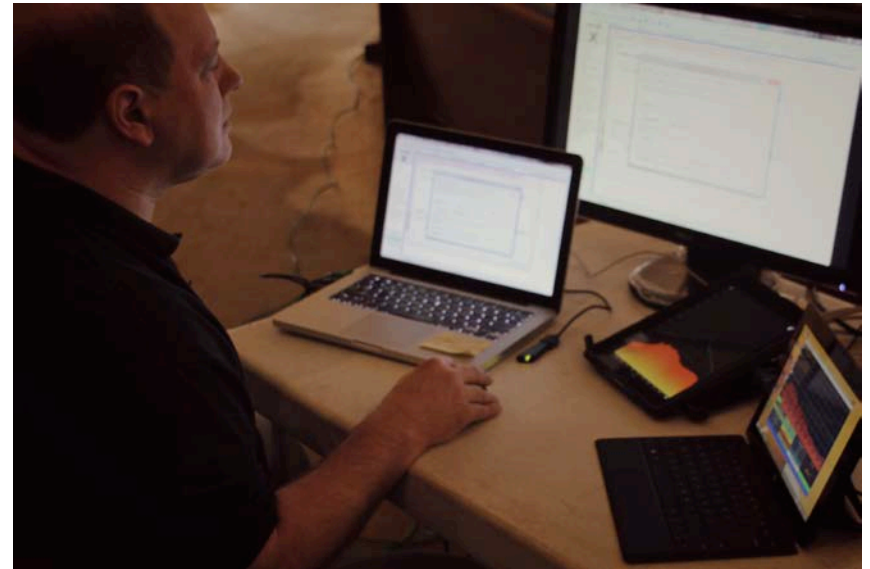




# “Design/Build On The Fly”

## Our Cast of Characters

- Keith Anderson-Senior Project Manager/Lead Designer/Field Technician/Traffic Dispatch/Purchasing/Lead Engineer/Salesman/Lead Estimator/Cheerleader



# “Design/Build On The Fly”

## Our Cast of Characters

- Shawn Jones-Independent  
Programmer/Top Shelf Technology
- Corey Geobel-Project Manager/Lead  
Technician/Metro Sound & Video





# “Design/Build On The Fly”

## Our Cast of Characters

- The Entire Symetrix Tech Support Team/  
And Tim Murray, Reg. Mgr.

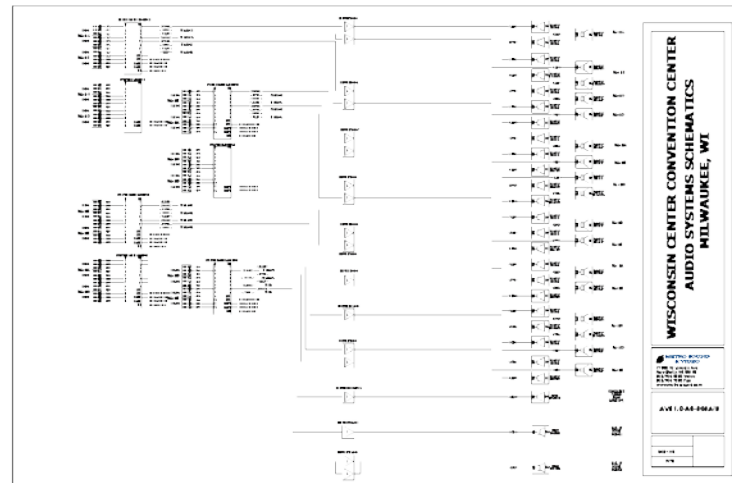


- Bormann Marketing, Midwest Reg. Rep

# “Design/Build On The Fly”

## Coping With Reality

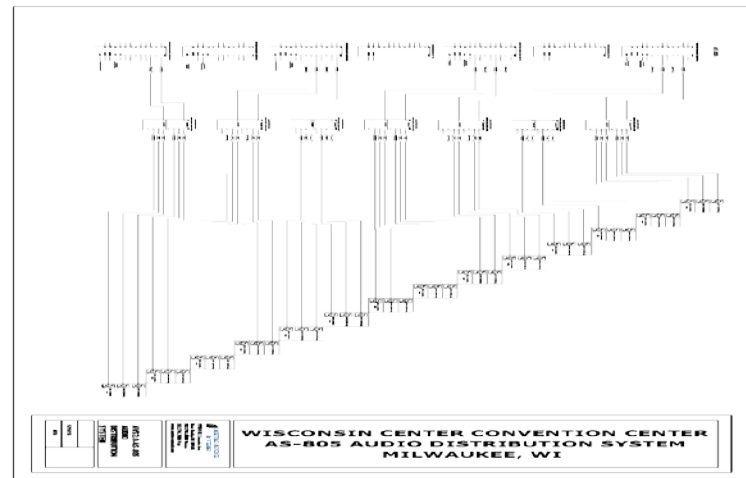
- Starting from Scratch Design-“I Thought You Had A Consultant?”
- The Original Drawings Don't Match-Weeks of Advanced Design Work Down The Drain.....



# “Design/Build On The Fly”

## Coping With Reality

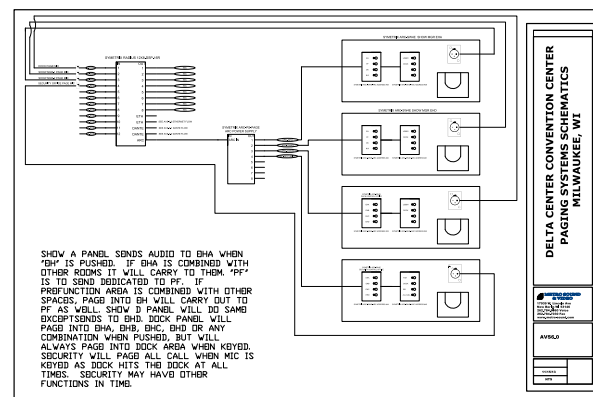
- Installing a System Designed On-Site
- Constant Changes in Design-An Installer’s Dream Come True!



# “Design/Build On The Fly”

## Coping With Reality

- Emergency Paging? No Problem!
- How we designed and Built Another Thing From Scratch



# “Synergy Between Componentry”

## Symetrix and Metro Sound & Video

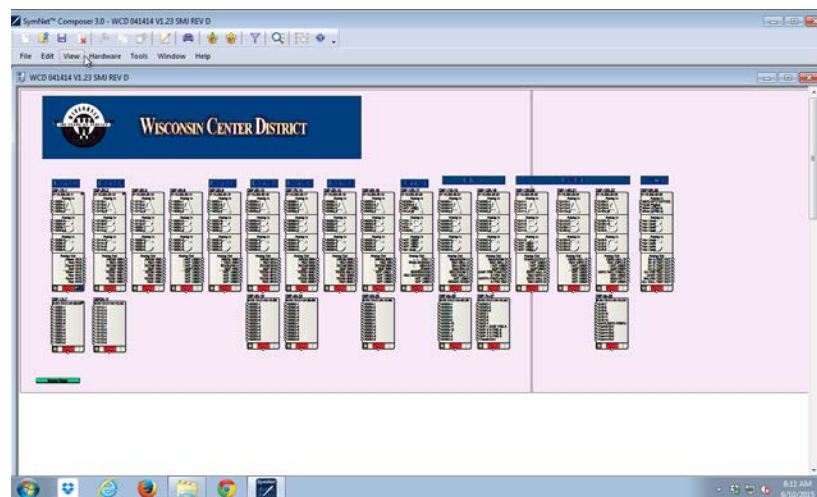
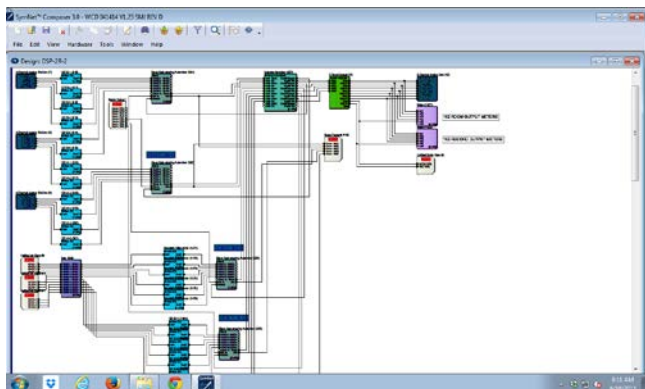
- So, What’s in There?
- 16-Symetrix Radius 12x8
- 12-Symetrix Xin12
- 8-NetGear Smart Switches
- 7-Surgex Power Conditioners



# “Synergy Between Componentry”

## Software

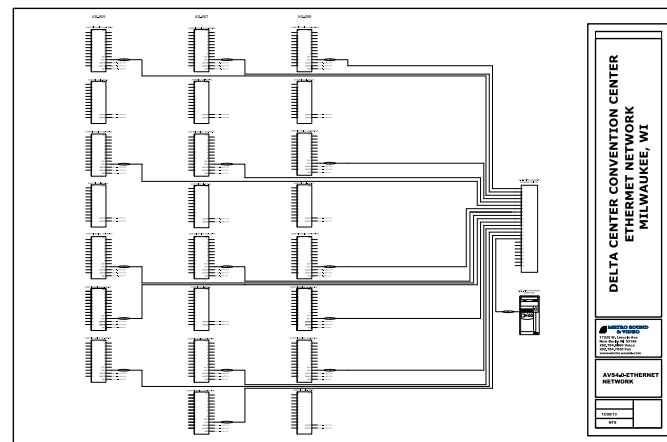
- Symnet Composer
- Site Files
- Symnet SymVue



# “Synergy Between Componentry”

## Hardware Switches

- These Better Work!
- Co-ordination with Client’s IT for WIFI Access

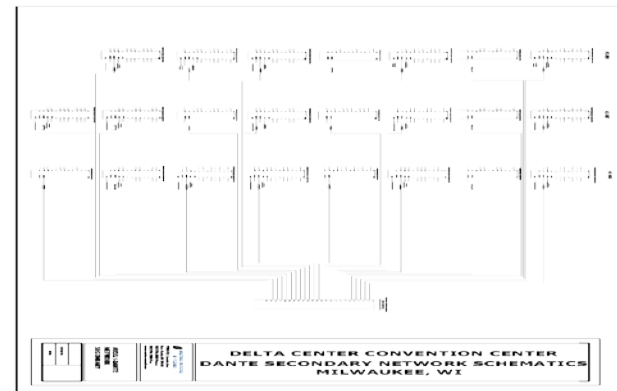




# “Synergy Between Componentry”

## Audio Flow Reliability

- What Does a Convention Center Expect?
- Primary & Secondary? You Bet!
- Trouble Shooting Dante
- We Actually Never Had to Trouble Shoot Dante



# “Synergy Between Componentry”

## System Control

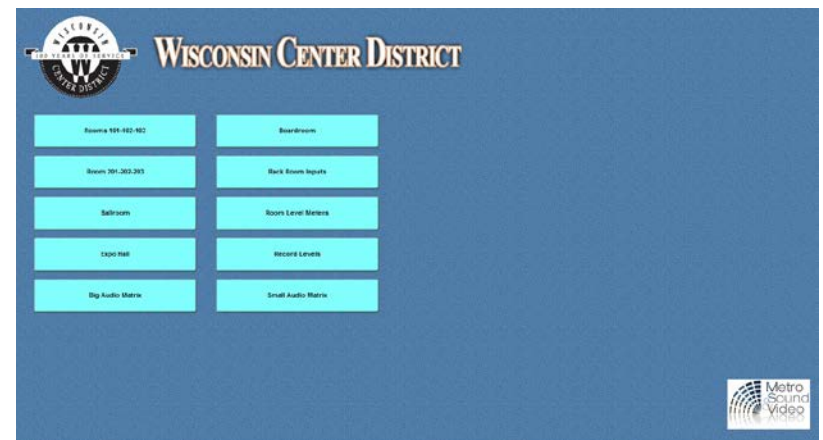
- Hardware Controllers- 44 Symetrix ARC-2e  
Provided Local Room Controls
- ARC-WEB Provides Staff Wireless  
Room Control via Smart Phones
- Custom Page Select Panels



# “Synergy Between Componentry”

## SymVue

- Virtual Control Software
- Used as Primary Control Surface
- Simplifying the User Interface





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# “Synergy Between Componentry”

## SymVue

WISCONSIN CENTER DISTRICT

Rack Room Inputs

NOTE: PRESET WILL SEND AUDIO TO ALL ROOMS ROOMS IN THE BUILDING

NOTE: PRESET WILL MUTE AUDIO TO ALL ROOMS ROOMS IN THE BUILDING

Metro Sound Video

WISCONSIN CENTER DISTRICT

Rooms 101-102-103

101 B

102 C

103 C

Metro Sound Video

WISCONSIN CENTER DISTRICT

Expo Hall

A B C D

Metro Sound Video

WISCONSIN CENTER DISTRICT

Ballroom

East Prefabrication

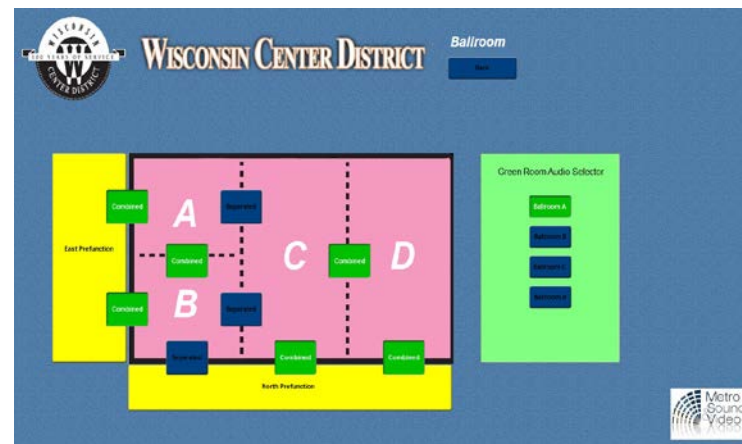
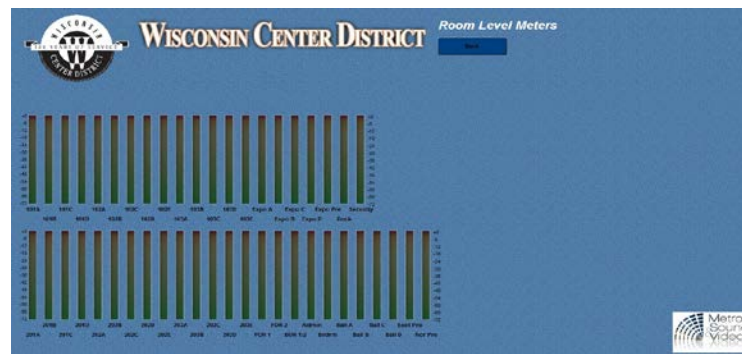
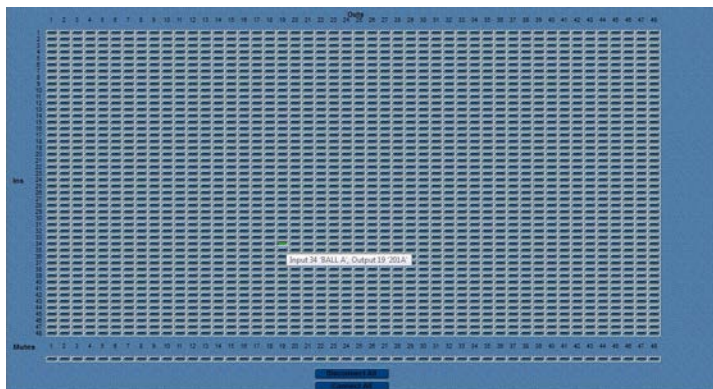
South Prefabrication

Green Room Audio Selector

Metro Sound Video

# “Synergy Between Componentry”

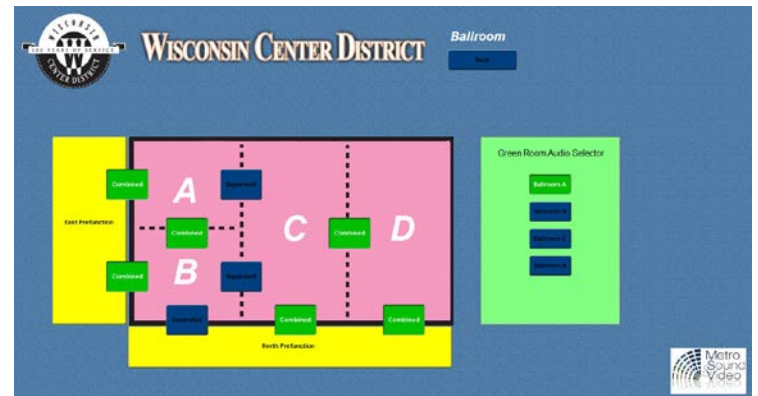
## SymVue



# “What Did We Accomplish”

## We Do Churches...

- Experience in Delivering Large Systems in Short Timelines for Worship Pays Off
- Design Build On The Fly-And It Worked!
- System Requirements-The Hardware- Just Keeps Working



# “What Did We Accomplish”

## We Have An Entertaining Story

- But the Bottom Line Is This, “We Plugged It In And It Just Worked”
- Dante Gives Us and Our Client No Worries And Continues to Pass Clean Digital Audio Flows, 24-7-365
- Dante Will Meet the Future Needs for Expansion

