

Cover Page	1
Consumer Line Diagram	2
Detailed Schematic	3
Proposal Pages 1-8	4-11
Scope Of Work	12
Installation Wire Schedule	13-14



Herman Integration Services 8016 Old County Rd 54

New Port Richey, FL 34653 (727) 372-4891

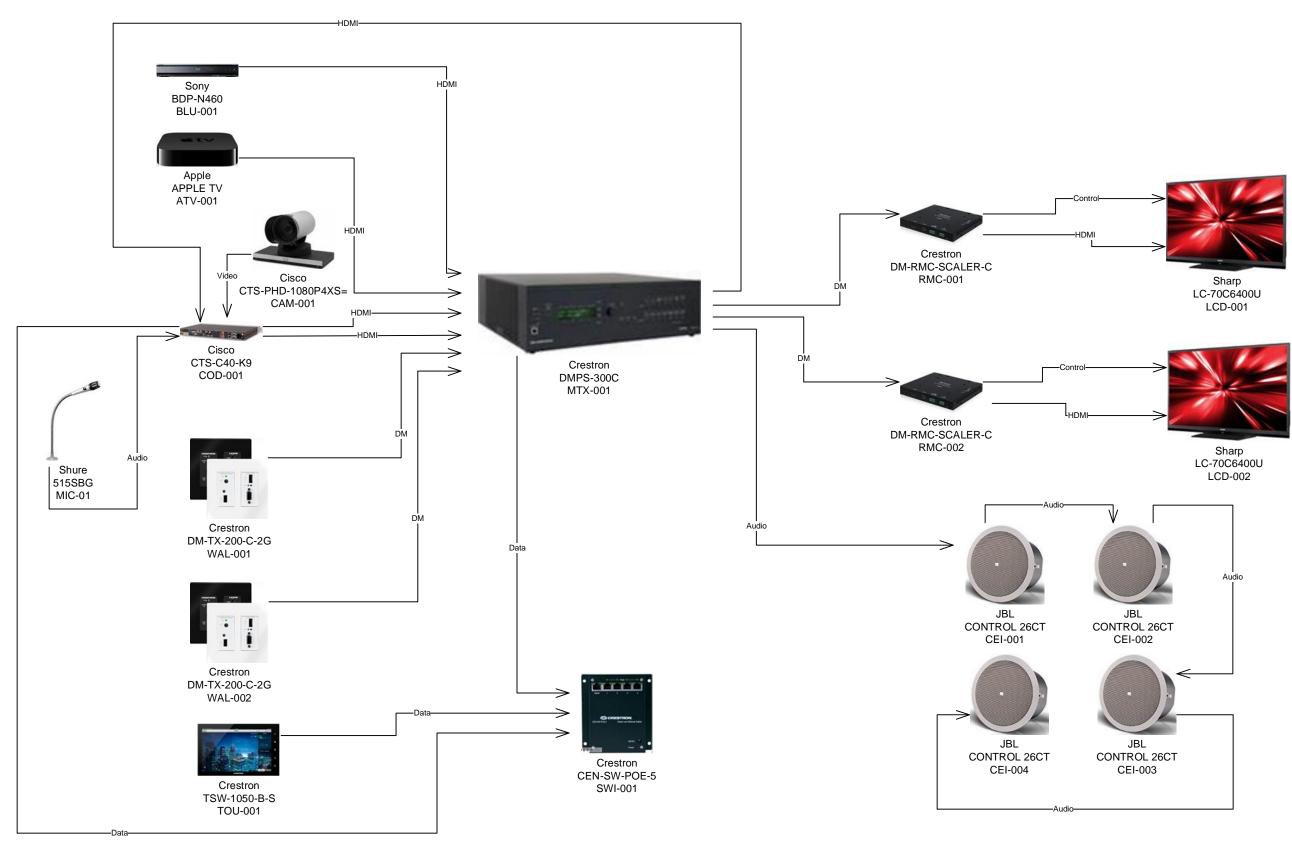
Dates:

Created - 6/9/2014 Modified - 6/11/2014 Printed - 6/11/2014

Conference Room 2345 John Sample 1234 Main Street Anytown, FL 33756

Cover Sheet

1





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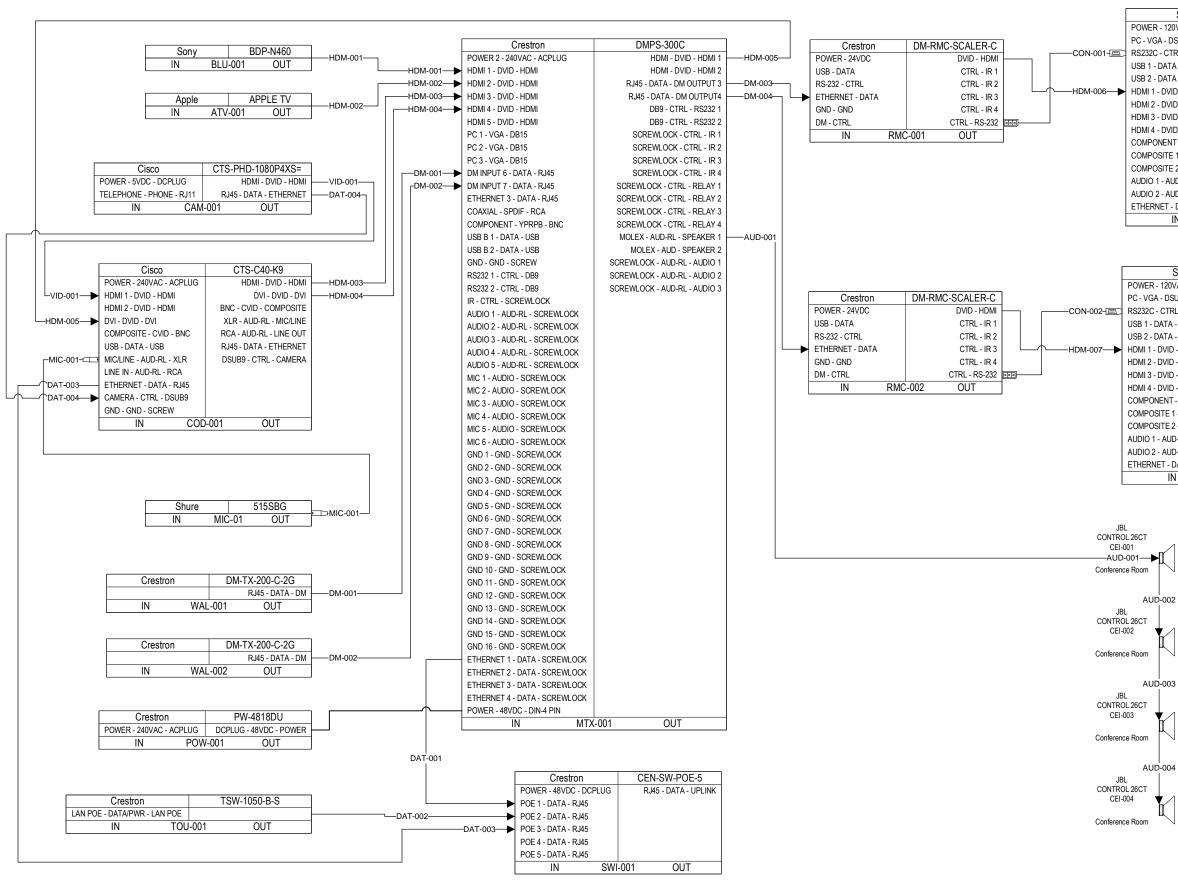
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Line Diagram

2



Sharp	LC-70C6400U	
WER - 120VAC - ACPLUG	TOSLINK - SPDIF - OPTIC	CAL
- VGA - DSUB15	1/4" TRS - AUD-RL - HEADPHC	ONE
232C - CTRL - DB9		
3 1 - DATA - USB		
3 2 - DATA - USB		
VII 1 - DVID - HDMI		
VI 2 - DVID - HDMI		
VI 3 - DVID - HDMI		
VI 4 - DVID - HDMI		
MPONENT - YPRPB - RCA		
MPOSITE 1 - CVID - RCA		
MPOSITE 2 - CVID - RCA		
DIO 1 - AUD-RL - RCA		
DIO 2 - AUD-RL - RCA		
IERNET - DATA - RJ45		
IN	LCD-001 OUT	

Sharp		LC-70C6400U
/ER - 120VAC - ACPLUG		TOSLINK - SPDIF - OPTICAL
VGA - DSUB15	1	/4" TRS - AUD-RL - HEADPHONE
32C - CTRL - DB9		
1 - DATA - USB		
2 - DATA - USB		
II 1 - DVID - HDMI		
II 2 - DVID - HDMI		
II 3 - DVID - HDMI		
II 4 - DVID - HDMI		
IPONENT - YPRPB - RCA		
IPOSITE 1 - CVID - RCA		
IPOSITE 2 - CVID - RCA		
IO 1 - AUD-RL - RCA		
IO 2 - AUD-RL - RCA		
ERNET - DATA - RJ45		
IN	LCD-00	02 OUT



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Schematic View

3



Proposal

Conference Room 2345

Sample AV INC

1234 Main Street Anvtown, FL 33756 United States 727-555-1234





Audio Sources

Shure 515SBG

\$105.00 The Shure Models 515SBG and 515SB-GI8 UNIDYNE'? B Microphones are lowimpedance units designed specifically for flexible gooseneck application. The microphones are moving coil units providing good reproduction of music and voice. These microphones are particularly suitable for use in language lab systems, paging applications, and base station communications. They are highly recommended for talkback and cuing from professional control rooms in TV, film, and recording studios, and other uses demanding a customized installation with concealed cables. Audio Sources Total: \$105.00 Conferencing Cisco CTS-C40-K9 \$9,990.00 Codec C40 TelePresence system Cisco CTS-PHD-1080P4XS= \$8,055.03 The Cisco TelePresence PrecisionHD Camera enables users to fully realize the high-definition experience and provides superior video quality at any bandwidth. Designed specifically for videoconferencing, it provides crystal-clear, true-to-life quality for interaction and collaboration. The PrecisionHD Camera is available in four versions: the Cisco TelePresence PrecisionHD Camera - 720p, Cisco TelePresence PrecisionHD Camera - 1080p 4x, Cisco TelePresence PrecisionHD Camera - 1080p 4xS2 and Cisco TelePresence PrecisionHD Camera - 1080p12x.



1

1



Presented By:

Herman Integration Services

8016 Old County Rd 54 New Port Richey, FL 34653 United States (727) 372-4891 http://www.hermanelectronics.com

Modified:

6/11/2014

Revision:

0

* Price Includes Accessories Presented By: Herman Integration Services Project Name: Conference Room 2345

Herman Integration Services

Conferencing Total: \$18,045.03



2

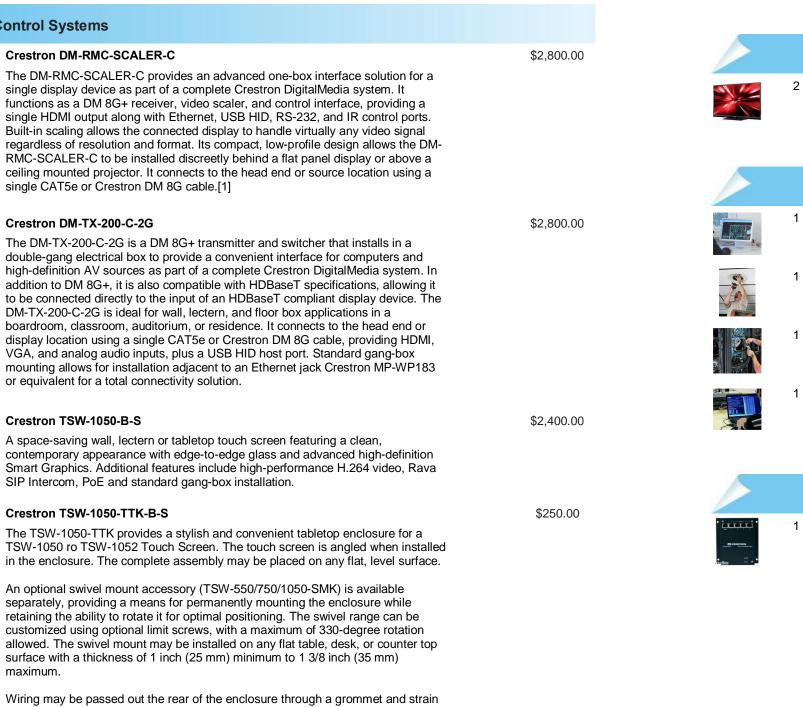
Control Systems

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Display Devices

Labor



Wiring may be passed out the rear of the enclosure through a grommet and strain relief, or routed through the bottom for a very clean, cordless appearance. The rear wire opening can accommodate a single cable up to 1/4 inch (6 mm) diameter such as standard CAT5

* Price Includes Accessories Presented By: Herman Integration Services Project Name: Conference Room 2345

maximum.

Project HERMA-0003

6/11/2014 Page 6 of 14

* Price Includes Accessories Presented By: Herman Integration Services Project Name: Conference Room 2345

Network



Herma	an Integration	Serv	/ices	
	Control Systems	s Total:	\$8,250.00	
Display Devices				
Sharp LC-70C6400U 70" Class LED Smart TV			\$5,599.98	
	Display Devices	s Total:	\$5,599.98	
_abor				
Herman Integration Services Engineering and	Drafting		\$450.00	
Herman Integration Services Installation Tech	nician		\$1,255.00	
Herman Integration Services Lead Technician			\$1,500.00	
Herman Integration Services Programming			\$1,615.00	
	Labo	r Total:	\$4,820.00	
Network				
Crestron CEN-SW-POE-5\$400.00The CEN-SW-POE-5 is a 5-port unmanaged Gigabit Ethernet switch that provides Power over Ethernet (PoE) from four of its ports. Power over Ethernet affords a one-wire solution for connecting Crestron touch screens, gateways, and other devices, delivering power and data over a single CAT5/6 network cable. All 5 ports 				
	Networl	c Total:	\$400.00	



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	Power and Protection			
1	Crestron PW-4818DU The PW-4818DU is an optional accessory for any DMPS Series Presentation System. It supplies up to 90 Watts of power to enal over DigitalMedia) sourcing capability through the DM 8G+ ports	ble PoDM (Powe	er	\$250.00
	Power a	nd Protection	Total:	\$250.00
	Speakers			
4	JBL CONTROL 26CT 6" Ceiling speaker, 150 Watt			\$748.00
		Speakers	Total:	\$748.00
	Switchers	Speakers	Total:	\$748.00

Switchers Total: \$8,000.00

 Video Sources

 1
 Apple APPLE TV

 1080P Full high definition set top box

 1
 Sony BDP-N460

 The BDP-N460 allows you to instantly st music from the largest selection of leadin Amazon Video On Demand, YouTube, S enjoy the ultimate in high-definition enter in Full HD 1080p quality with HD audio. It supports Dolby TrueHD and dts-HD audio definition sound, and there's even quick

Bar (XMB) menu system.

* Price Includes Accessories Presented By: Herman Integration Services Project Name: Conference Room 2345

Project HERMA-0003

6/11/2014 Page 8 of 14 * Price Includes Accessories Presented By: Herman Integration Services Project Name: Conference Room 2345

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\$99.00

\$199.00

The BDP-N460 allows you to instantly stream thousands of movies, videos and music from the largest selection of leading content providers including Netflix, Amazon Video On Demand, YouTube, Slacker Radio and many, many more. Plus, enjoy the ultimate in high-definition entertainment and watch Blu-ray Disc movies

It supports Dolby TrueHD and dts-HD audio codecs for up to 7.1 channels of highdefinition sound, and there's even quick start-up mode which begins operating your Blu-ray Disc player in approximately six seconds from the time it is powered on. You can also play and upscale your standard DVDs to near high definition. And navigation of the player's menus is a breeze thanks to the icon-based Xross Media

Video Sources Total: \$298.00



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5	,	Wire and Cable		Project	Summary
	620	Belden shielded Cat6 Plenum DataTwist 2400, Nonbonded-Pair, 4-pair, 23 AWG, CMP, Category 6, F/UTP cable, Blue, 1000 ft	\$620.00		
	250	BTX 16/2 plenum 2 Conductor Round Jck Spk Cbl 2x16 AWG	\$62.50		
	1	Cables To Go 40318 16.4 ¹ /5 meters, for high-definition DVD players, HDTV receivers, TV sets, projectors, A/V receivers, and other HDMI-equipped devices, up to 1080p resolution at 60Hz refresh rate, lossless multi-channel digital audio for full 7.1 surround, high band width (340 MHz / 10.2 Gbps) for high-speed data transfer,	\$44.99	Client:	John Sample
	7	HDMI-CEC system control compatibility, ultra-flexible blue jacket. Cables To Go 6 'HDMI The C2G High Speed HDMI with Ethernet Mini Cable is perfect for a hand-held mobile or cell phone connectivity for home theater or desktop applications requiring high speed HDMI features and video resolutions of up to 1080p. The Ethernet capabilities of the cable allow a user to connect multiple Ethernet enabled HDMI devices through a single Ethernet connection. This cable supports bandwidth applications up to 340MHz/10.2 Gbps as well as high speed HDMI features; including, 3D, Deep Color, x.v.Color, Dolby True HD, and DTS-HD Master Audio This fully-functional, high bandwidth cable is tested to perform at industry standards and is backed by a lifetime warranty.	\$90.93	Contracto	r: Herman Integration Service
	100	West Penn Wire-cdt 22ga/ 2conductor 4 cond. 2sh2 unsh. 22 (7x30) bare CMP	\$11.00		
		Wire and Cable Total:	\$829.42		
		Project Subtotal: \$	47,345.43		

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Equipment:

Labor:

Grand Total: \$47,345.43

\$42,525.43

\$4,820.00

Date

Date

Project HERMA-0003



Custom Video Conferencing Room

The system included in this proposal will allow the customer to select from a number of different sources and send them to either display along with having the option to send content to the far end.

Details:

Wall Plates:

Each Crestron Digital media wall plate will allow the customer to use a VGA device with Audio, or HDMI source. Wall plates come in black or white and will need to be specified before ordering.

BluRay DVD Player:

The BluRay player will allow the customer to load BluRay DVDs along with standard DVDs and display on the monitors

AppleTV:

The AppleTV is a Mainly used as a Internet Streaming Device but will also allow any Apple Device to wirelessly transmit a video and audio signal to the display using "AirPlay"

Video Conferencing:

A Cisco C40 will be installed which will allow the customer to conduct and participate in Video Conferencing meetings. There will be a Precision HD camera installed in the front of the room. This camera will have the ability to PAN, TILT, and Zoom. There will be a goose-neck microphone installed in the table. The customer will have the ability to send any source to the far end for presentation purposes.

Displays:

There will be (2) 70" Displays installed in the front of the room. During a video conference the left display will show the far end and the right display will show the near end or content.

Control:

The entire system will be controlled via a Crestron touch panel. The panel will have a splash screen that will allow a number of preset configurations. The panel will have transport functions for the DVD, VTC and AppleTV. The routing page will allow the customer to send any source to either display. There will be a volume control that will control all the speakers in the ceiling. There will be a microphone mute button that will allow privacy when needed during a VTC.

Wire Checklist

Modified: 6/11/2014 Revision: 0

Conference Room 2345 Sample AV INC

1234 Main Street Anytown, FL 33756 United States 727-555-1234

	FROM	то					
ОК	Device - Head	Location - Device	Manufacturer - Model	Wire Number	Туре	Comments	
AV Closet							
	MTX-001 - Audio Video Control	Conference Room - CEI-001	BTX 16/2 plenum	AUD-001	Audio		
	MTX-001 - Audio Video Control	AV Closet - SWI-001	Belden shielded Cat6 Plenum	DAT-001	Data		
	TOU-001 - Audio Video Control	AV Closet - SWI-001	Belden shielded Cat6 Plenum	DAT-002	Data		
	COD-001 - Audio Video Control	AV Closet - SWI-001	Belden shielded Cat6 Plenum	DAT-003	Data		
	CAM-001 - Audio Video Control	(no device)	Belden shielded Cat6 Plenum	DAT-004	Data		
	WAL-001 - Audio Video Control	AV Closet - MTX-001	Belden Shielded Cat6 Plenum	DM-001	DM		
	WAL-002 - Audio Video Control	AV Closet - MTX-001	Belden Shielded Cat6 Plenum	DM-002	DM		
	MTX-001 - Audio Video Control	Conference Room - RMC-001	Belden Shielded Cat6 Plenum	DM-003	DM		
	MTX-001 - Audio Video Control	Conference Room - RMC-002	Belden Shielded Cat6 Plenum	DM-004	DM		
	BLU-001 - Audio Video Control	AV Closet - MTX-001	Cables To Go 6 'HDMI	HDM-001	HDMI		
	ATV-001 - Audio Video Control	AV Closet - MTX-001	Cables To Go 6 'HDMI	HDM-002	HDMI		
	COD-001 - Audio Video Control	AV Closet - MTX-001	Cables To Go 6 'HDMI	HDM-003	HDMI		
	COD-001 - Audio Video Control	AV Closet - MTX-001	Cables To Go 6 'HDMI	HDM-004	HDMI		
	MTX-001 - Audio Video Control	AV Closet - COD-001	Cables To Go 6 'HDMI	HDM-005	HDMI		

Modifier

Herman Integration Services

(727) 372-4891

	FROM	то				
ОК	Device - Head	Location - Device	Manufacturer - Model	Wire Number	Тире	Comments
	MIC-01 - Audio Video Control	AV Closet - COD-001	West Penn Wire-cdt 22ga/ 2conductor	MIC-001	Audio	
	CAM-001 - Audio Video Control	(no device)	Cables To Go 40318	VID-001	Video	
<u>Confe</u>	rence Room					
	CEI-001 - Audio Video Control	Conference Room - CEI-002	BTX 16/2 plenum	AUD-002	Audio	
	CEI-002 - Audio Video Control	Conference Room - CEI-003	BTX 16/2 plenum	AUD-003	Audio	
	CEI-003 - Audio Video Control	Conference Room - CEI-004	BTX 16/2 plenum	AUD-004	Audio	
	RMC-001 - Audio Video Control	Conference Room - LCD-001	West Penn Wire-cdt 22ga/ 2conductor	CON-001	Control	
	RMC-002 - Audio Video Control	Conference Room - LCD-002	West Penn Wire-cdt 22ga/ 2conductor	CON-002	Control	
	RMC-001 - Audio Video Control	Conference Room - LCD-001	Cables To Go 6 'HDMI	HDM-006	HDMI	
	RMC-002 - Audio Video Control	Conference Room - LCD-002	Cables To Go 6 'HDMI	HDM-007	HDMI	