Miami Valley Educational Computer Association

FALL ASSOCIATION ASSEMBLY MEETING NOVEMBER 18^{TH} , 2021, 9:30 A.M.



Call to Order

Call to Order - Chairperson, John Stanley

Calling of the Roll – Recording Secretary, Becky Mullins

Additions, Deletions, or Corrections to Agenda

Approval of Minutes

Approve Minutes of Spring Assembly Meeting of April 15, 2021

Introductions and Recognitions

Discussion/Action Items

Old Business

New Business

MVECA Financial Report

Vote on Financial Report

Election of Board Member

- Open the floor for nominations to the MVECA Board of Directors
- Vote to Elect/Re-elect members of the MVECA Board of Directors

Communications

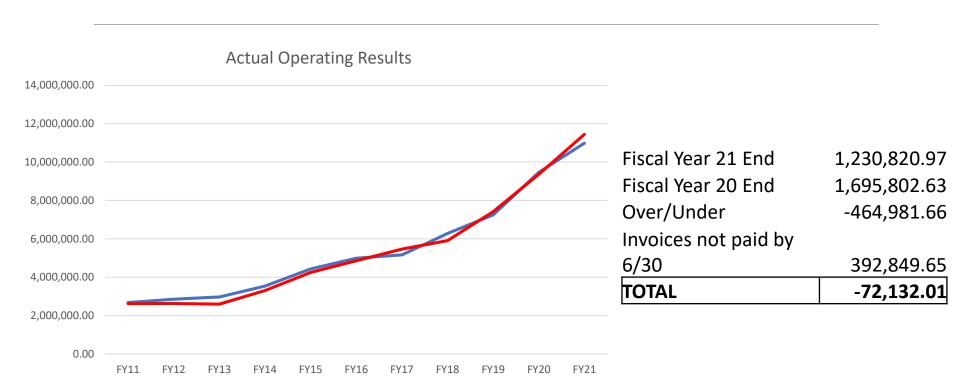
Executive Director Report

MVECA Updates

- MVECA Cyber Security Update
- MVECA Project and Business Development Update
- Additional Items of Interest

MVECA Staffing Update

FY21 Finish - Fiscal Year Ending Balance - \$1,230,820.97



Expenditures

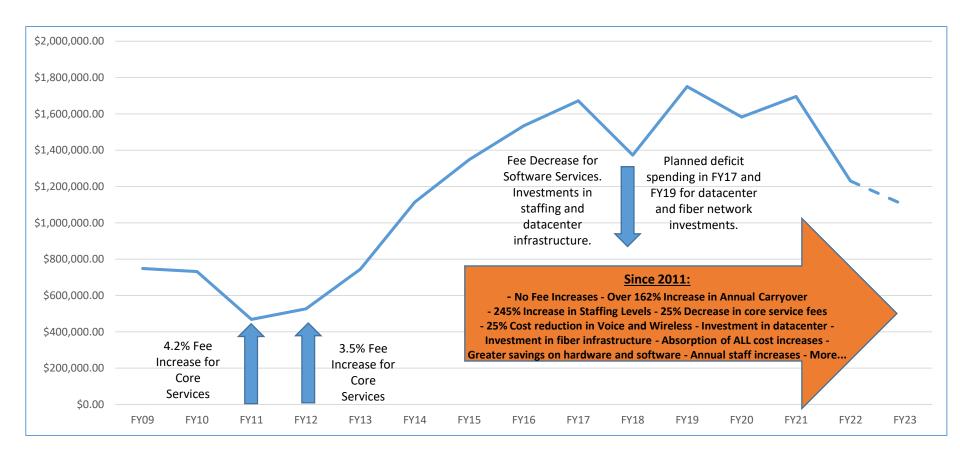
FY21 New Expenditures, No Associated Revenue

Year End	Fiscal Year 21 Ending Balance Fiscal Year 20 Ending	1,230,820.97
	Balance	1,695,802.63
	Over/Under	-464,981.66
	Invoices not paid by 6/30	392,849.65
	TOTAL	-72,132.01
Other Expenditures – No Related Revenue	AEP Inspection Fee	900.00
	Bricker and Eckler	26,576.00
	Bradford Erate	4,781.98
	Spence Environmental	11,840.00
	Crypsis	10,000.00
	Digial Vision	5,475.00
	JW Property Inspection	6,500.00
	Cisco FLEX Agreement	72,952.00
	TOTAL	139,024.98
	TOTAL SWING	66,892.97

- 4.525 percent decrease in student count during COVID year – October 2020
- Additional \$38k in lost revenue for FY22

	FY21 EMIS		FY21 Annual	FY22 EMIS	F	Y22 Projected		ſ	FY22 Projected
	Count	S	Software Contract	Count		Software		Sc	oftware License
			Amount	Count	Co	ontract Amount			Loss
District 1	8322		106,105.50	8130		103,657.50	-192		(2,448.00)
District 2	2914	\$	28,411.50	2797	\$	27,270.75	-117		(1,140.75)
District 3	1670	•	16,282.50	1583		15,434.25			(848.25)
District 4	685	•	6,678.75	648	•	6,318.00	-37		(360.75)
District 5	3753		51,603.75	3598		49,472.50	-155		(2,131.25)
District 6	251	\$	4,451.00	163		4,363.00	-88		(88.00)
District 7	2100	\$	22,575.00	1984	\$	21,328.00	-116		(1,247.00)
District 8	715		7,686.25	729		7,836.75		•	150.50
District 9	1477		15,877.75	1419		13,835.25	-58		(2,042.50)
District 10	4526		57,706.50	4421		56,367.75	-105		(1,338.75)
District 11	671	\$	6,542.25	673	•	6,561.75	2		19.50
District 12	449	\$	4,377.75	319	•	4,200.00	-130	•	(177.75)
District 13	738	\$	7,195.50	714	\$	6,961.50	-24		(234.00)
District 14	1554	\$	15,151.50	1500	\$	14,625.00	-54		(526.50)
District 15	1801	\$	19,360.75	1778	\$	19,113.50	-23		(247.25)
District 16	2728	\$	26,598.00	2563	\$	24,989.25	-165		(1,608.75)
District 17	6469	•	63,072.75	6126		59,728.50	-343		(3,344.25)
District 18	1400		19,250.00	1319		18,136.25	-81		(1,113.75)
District 19	2985		41,043.75	2888		39,710.00	-97		(1,333.75)
District 20	3486	•	47,932.50	3340	•	45,925.00	-146	•	(2,007.50)
District 21	1802		17,569.50	1726		16,828.50		•	(741.00)
District 22	847	•	10,799.25	811	•	10,340.25	-36		(459.00)
District 23	195	\$	4,395.00	170	\$	4,370.00	-25		(25.00)
District 24	8796	•	94,557.00	8050	•	86,537.50	-746		(8,019.50)
District 25	668	•	6,513.00	710	\$	6,922.50	42		409.50
District 26	3200	\$	31,200.00	3115	\$	30,371.25			(828.75)
District 27	1880	\$	23,970.00	1833	\$	23,370.75		•	(599.25)
District 28	2632	\$	36,190.00	2564	\$	35,255.00	-68		(935.00)
District 29	3045	\$	32,733.75	2812		30,229.00	-233	\$	(2,504.75)
District 30	4786		61,021.50	4572	\$	58,293.00	-214		(2,728.50)
District 31	720	\$	7,020.00	713	\$	6,951.75	-7	\$	(68.25)
Member Total	77265	\$	893,872.25	73768	\$	855,304.00	-3497	\$	(38,568.25)

July 1st Cash



New Business

- Miami Valley Communications Council Phones (complete)
- City of Miamisburg Internet, phones (complete)
- City of West Carrollton Phones proposed (complete)
- City of Moraine Fiber overlash/installation (complete)
- Springboro Fiber Project (in process)
- Springboro Additional fiber build (contract pending)
- Yellow Springs Wireless Network (complete) and FttP planning assistance
- Clinton County Network, Phones, Surveillance (in process)

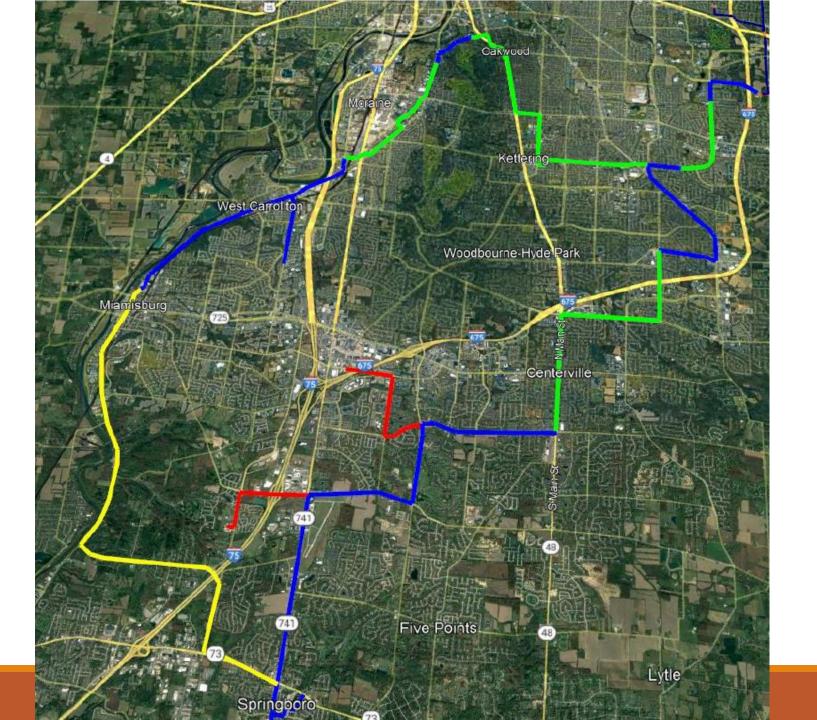
New Business Continued

- Approximately \$250k in new phone business in process or proposed.
- City of Oakwood
- Xenia Network Purchase and Building Project
- West Carrollton City Schools
- City of Trotwood Broadband Planning/MVCC Connector
- Statewide 100G Upgrade Equipment Proposal
- Desktop and Office Equipment Quotes
- Antioch Surveillance and Wireless
- Chillicothe additional network connection
- Fairborn new facilities fiber services

- Northeastern Building Project
- Greenon Building Project
- Clark County WAN and Fiber
- LACA Equipment Proposals
- NCOCC Quotes
- Frontline New Product Pilots/Demos
- New Service Contracts and Tech Support Agreements
- Emerge Recovery Services
- City of Moraine
- •Miami Township fiber, phones, Internet
- More

Fiber Project – Miami Township, Montgomery County

Options	One-time Construction	Annual Maintenance
10891 Wood Rd (connect to 2700/2660 Lyons Rd.) 100 Percent Underground - 10235 feet of underground construction with 48 strand armored fiber in conduit. All engineering, splicing and terminations.	\$146,360.00	\$2,456.40
2700/2660 Lyons Rd (connect to 3600 Shroyer and 10891 Wood) 100 Percent Underground - 14893 feet of underground construction with 48 strand armored fiber in conduit. All engineering, splicing and terminations.	203,140.00	\$3,574.32
TOTAL for Fiber Services	\$349,500.00 (one-time)	\$6,030.72
Internet Service	Monthly	Annually
MVECANet	\$500.00	\$6000.00
TOTALS with Fiber and Internet	\$1,002.56	\$12,030.72



SPRINGFIELD NEWS-SUN

Clark and Champaign Counties' Hometown News

News

Coronavirus

Life

Best Of Springfield

Sports

Obituaries

Legal Notices

Clark County commissioners approve nearly \$2.2 million for fiber optic project

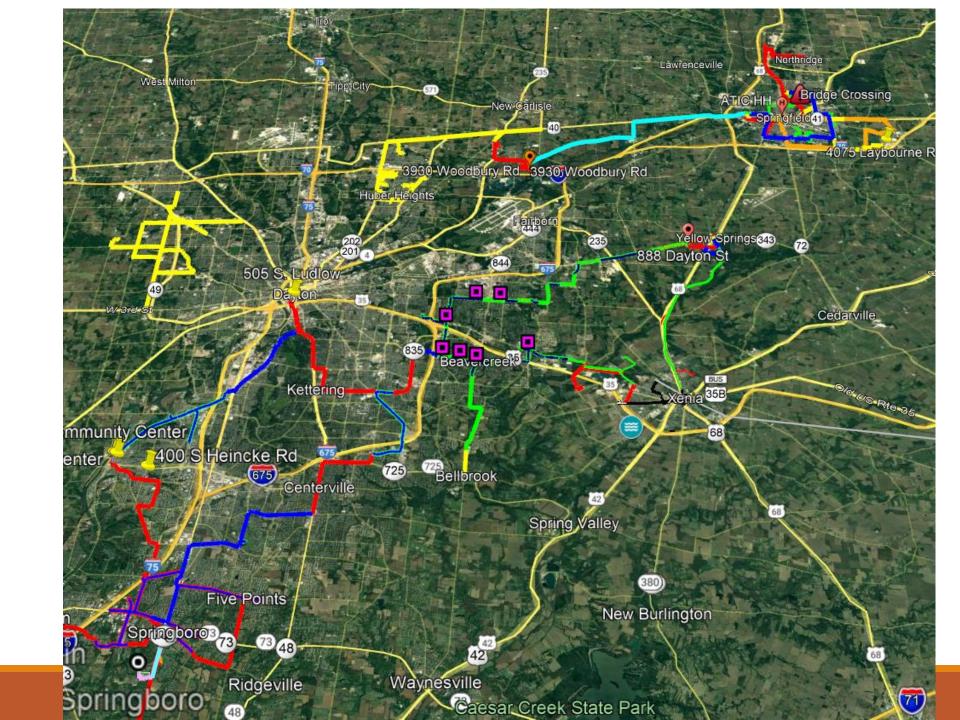




Options	One-time Construction	Annual Maintenance
1602 W. Main Street to 117 S. Fountain and bike path – 8900 feet of underground construction with 48 strand armored fiber in conduit. All engineering, splicing, and terminations (see diagram 2).	\$104,366.75	\$2,136.00
North Sites to ATIC Ring – ON BIKE PATH 100 Percent Underground - 53125 feet of underground construction with 48 strand armored fiber in conduit. All engineering, splicing and terminations (see diagram 3).	\$597,323.30	\$12,750.00
Layborne Rd to ATIC ring 100 Percent Underground - 6500 feet of underground construction with 48 strand armored fiber in conduit. All engineering, splicing and terminations (see diagram 4).	\$88,298.25	\$1,560.00
Home Rd to West (dependent on North Sites) - 1500 feet of underground construction with 48 strand armored fiber and in conduit. All engineering, splicing and terminations (see diagram 5).	\$21,120.00	\$360.00
1345 Lagonda to bike path route (dependent on North Sites) - 980 feet of underground construction with 48 strand armored fiber in conduit. All engineering, splicing and terminations (see diagram 6).	\$21,685.98	\$235.00
North Sites – 5201 Urbana Rd to water tower, 4735 Ridgewood Rd 13400 feet of underground construction with 48 strand armored fiber and in conduit. All engineering, splicing and terminations (see diagram 7).	\$207,872.00	\$3216.00

Clark County Fiber

Options	One-time Construction	Annual Maintenance
Medway to Springfield Connector – 1602 W. Main to Medway - 60000 feet of underground construction with 48 strand armored fiber and in. All engineering, splicing and terminations (see diagram 8).	\$759,724.00	\$14,400.00
Medway – 11100 Gerlaugh, 3930 Woodbury, and additional water tower sites to Medway connector - 25500 feet of underground construction with 48 strand armored fiber and in conduit. All engineering, splicing and terminations (see diagram 9).	\$380,701.45	\$6,120.00



Springboro Fiber

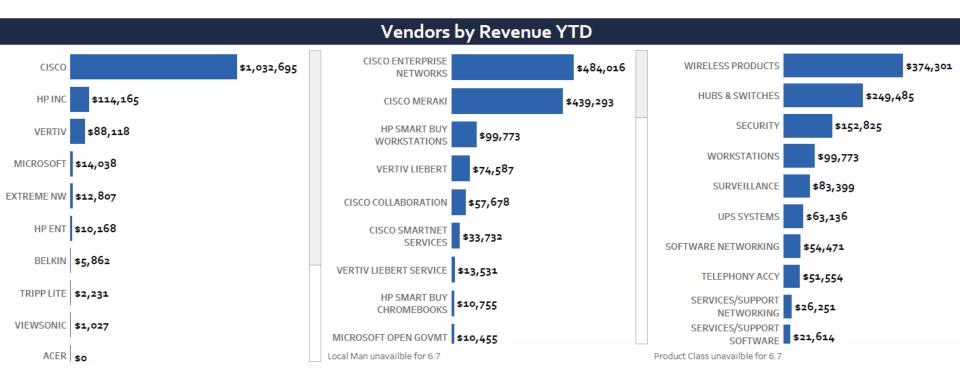
WCPA Contract Amount - Base Price	\$1,271,316.45
WCPA Alternates	\$63,683.38
WCPA Alternates	\$637,971.35
WCPA Alternates	\$213,491.20
Change Order #1	\$353,774.85
Point Broadband Portion	\$62,400.00
Total	\$2,602,637.23

Additional Related Projects:

- Traffic cabinet connections
- Wellhead and other additions



Direct Partnerships and Procurement





ADD SIGNATURES

TO ANY DOCUMENT WITH AN ENTERPRISE PLUS ACCOUNT

Enterprise Plus User Features

- · Collect multiple signatures on a single document
- · Conduct in-person signing
- · Create unlimited number of documents sent for signature
- Prepare, send, and sign documents with an easy- to- use web- based interface
- · Track progress on signature requests
- · Use unlimited templates (permission slips, parent forms, etc.)

Enterprise Plus Administrative Features

- . Customize branding (district logo)
- . Ensure HIPAA Compliance
- . Integrate with Google Drive, Dropbox, and other cloud storage
- Perform data validation
- · View audit trails

Apaid account is only needed to prepare and send the document for signature. Paid accounts are not needed to sign a document.

FISCAL YEAR 22 PRICING

Buy on/after July 1, 2021: \$264 All licenses expire June 30, 2022.

For more information contact: Thor Sage, Executive Director sage@mveca.org; (937) 767-1468 x3101





MANAGEMENT COUNCIL



MVECA now has more than 130 accounts and 107 members and associate members.

ACADEMY FOR URBAN SCHOLARS - YOUNGSTOWN CLINTON COUNTY COMMISSIONERS ACHIEVEPOINT CAREER ACADEMY - CINCINNATI **ACHIEVEPOINT CAREER ACADEMY - COLUMBUS** ANTIOCH COLLEGE BEAVERCREEK CITY SCHOOL DISTRICT BELLBROOK-SUGARCREEK LOCAL SCHOOL DISTRICT CLINTON COUNTY EMERGENCY MANAGEMENT BETHEL LOCAL SCHOOL DISTRICT BLANCHESTER LOCAL SCHOOL DISTRICT BRIGHT LOCAL SCHOOL DISTRICT BUCKEYE COMMUNITY SCHOOL **BUTLER HEALTH PLAN** CATHOLIC CENTRAL SCHOOL CEDAR CLIFF LOCAL SCHOOL DISTRICT CENTRAL STATE UNIVERSITY CHILLICOTHE CITY SCHOOL DISTRICT CITY OF ATHENS CITY OF CENTERVILLE CITY OF KETTERING CITY OF MIAMISBURG CITY OF OAKWOOD CITY OF RIVERSIDE CITY OF SPRINGBORO CITY OF SPRINGFIELD CITY OF WEST CARROLLTON CLARK COUNTY BOARD OF COMMISSIONERS CLARK COUNTY BOARD OF ELECTIONS CLARK COUNTY EDUCATIONAL SERVICE CENTER CLARK STATE COMMUNITY COLLEGE CLARK-SHAWNEE LOCAL SCHOOL DISTRICT **CLINTON COUNTY ADMINISTRATIVE OFFICES** CLINTON COUNTY AUDITOR'S OFFICE CLINTON COUNTY BOARD OF ELECTIONS CLINTON COUNTY BUILDING AND ZONING

ACADEMY FOR URBAN SCHOLARS - COLUMBUS

CLINTON COUNTY CLERK OF COURTS CLINTON COUNTY COMMON PLEAS COURT CLINTON COUNTY CORONER'S OFFICE CLINTON COUNTY COURTS CASA PROGRAM CLINTON COUNTY DOG WARDEN CLINTON COUNTY ENGINEER'S OFFICE CLINTON COUNTY HEALTH DEPARTMENT CLINTON COUNTY JOB AND FAMILY SERVICES CLINTON COUNTY JUVENILE COURT **CLINTON COUNTY LAW LIBRARY** CLINTON COUNTY PORT AUTHORITY CLINTON COUNTY PROBATE COURT CLINTON COUNTY PROSECUTORS OFFICE CLINTON COUNTY PUBLIC DEFENDERS' OFFICE CLINTON COUNTY RECORDER CLINTON COUNTY RECORDS AND ARCHIVES CLINTON COUNTY REGIONAL PLANNING COMMISSION CLINTON COUNTY SHERIFF'S OFFICE **CLINTON COUNTY SOLID WASTE** CLINTON COUNTY TREASURER CLINTON COUNTY VETERANS' SERVICE COMMISSION COLUMBUS BILINGUAL ACADEMY NORTH **COMMUNITY SOLUTIONS** CORNERSTONE CHURCH OF CHRIST DARKE COUNTY BOARD OF ELECTIONS DAYTON REGIONAL STEM SCHOOL EAST CLINTON LOCAL SCHOOL DISTRICT **EUCLID PREPARATORY SCHOOL** FAIRBORN CITY SCHOOL DISTRICT FAIRBORN DIGITAL ACADEMY **FAIRFIELD LOCAL SCHOOLS** FIRST PRESBYTERIAN CHURCH

FLEX HIGH SCHOOL NCOCC FLEX HIGH SCHOOL - CLEVELAND **NEW LEAF ORGANIZATION** FRIENDS OF CLINTON COUNTY CASA NORTHEASTERN LOCAL SCHOOL DISTRICT GLOBAL IMPACT STEM ACADEMY NORTHWESTERN LOCAL SCHOOL DISTRICT **GREEN INSPIRATION ACADEMY** OAKWOOD CITY SCHOOLS GREENE COUNTY CAREER CENTER SOUTHEASTERN LOCAL SCHOOL DISTRICT GREENE COUNTY EDUCATIONAL SERVICE CENTER SOUTHERN OHIO EDUCATIONAL SERVICE CENTER GREENE COUNTY PUBLIC LIBRARY SPRINGFIELD CAREER CONNECTED GREENEVIEW LOCAL SCHOOL DISTRICT SPRINGFIELD CITY SCHOOL DISTRICT **GREENON LOCAL SCHOOL DISTRICT** SPRINGFIELD-CLARK CAREER TECHNOLOGY CENTER HAMILTON-CLERMONT COOPERATIVE ST. BRIGID SCHOOL HILLSBORO CHRISTIAN ACADEMY ST. HENRY CONSOLIDATED LOCAL SCHOOL DISTRICT HILLSBORO CITY SCHOOL DISTRICT ST. LUKE CATHOLIC SCHOOL HONEYCOMB ARCHIVE, LLC STONEBROOK MONTESSORI HUBER HEIGHTS CITY SCHOOL DISTRICT **SWOCA ILEAD SPRING MEADOWS TECUMSEH ATHLETIC BOOSTERS** IMAGINE CLAY AVENUE COMMUNITY SCHOOL TECUMSEH LOCAL SCHOOL DISTRICT IMAGINE COLUMBUS PRIMARY ACADEMY TOWNSEND COMMUNITY SCHOOL **IMAGINE GREAT WESTERN ACADEMY** VALLEY VIEW LOCAL SCHOOL DISTRICT IMAGINE HILL AVENUE ENVIRONMENTAL SCHOOL VALOR ACADEMY IMAGINE KLEPINGER COMMUNITY SCHOOL VILLAGE OF YELLOW SPRINGS IMAGINE MADISON AVENUE SCHOOL OF ARTS WASHINGTON COURTHOUSE CITY SCHOOL DISTRICT **IMAGINE WOODBURY ACADEMY** WILMINGTON CHRISTIAN ACADEMY KIPP COLUMBUS WILMINGTON CITY SCHOOLS LACA WYSO LEARNING OPPORTUNITIES CENTER XENIA COMMUNITY CITY SCHOOL DISTRICT LEGACY CHRISTIAN ACADEMY XENIA JUSTICE CENTER MADISON-PLAINS LOCAL SCHOOL DISTRICT YELLOW SPRINGS EXEMPTED VILLAGE SCHOOL DISTRICT MIAMI TOWNSHIP (GREENE) ZENITH EAST MIAMI TRACE LOCAL SCHOOL DISTRICT **ZENITH NORTH** MIAMI VALLEY COMMUNICATIONS COUNCIL **ZENITH WEST** MONTGOMERY COUNTY AUDITOR'S OFFICE MONTGOMERY COUNTY DEPT OF JOB AND FAMILY **SERVICES**

MONTGOMERY COUNTY ESC

Facility Update

Description of Entry	Income	Expense	Monthly Balance
Kettering Medical Lease Income	\$ 10,557.77		\$ 10,557.77
Yellow Springs Primary Lease Income	\$ 7,167.78		\$ 17,725.55
Yellowspringser Lease Income	\$ 1,864.83		\$ 19,590.38
Tenant - Sharon Russell	\$ 230.00		\$ 19,820.38
Armin Sayson	\$ 50.00		\$ 19,870.38
Honeycomb Digital	\$ 7,410.00		\$ 27,280.38
Ken Soward - Building Maintenance		\$ 5,800.00	\$ 21,480.38
Village of Yellow Springs Utilities		\$ 5,364.00	\$ 16,116.38
Vectren (Average of invoices we have)		\$ 836.80	\$ 15,279.59
Environment Control (cleaning for YSP)		\$ 594.00	\$ 14,685.59
Waste Management		\$ 112.00	\$ 14,573.59
Mortgage Payments		\$ 14,621.00	\$ (47.41)
Janitorial Supplies		\$ 100.00	\$ (147.41)
Property taxes (3 parcels)		\$ 3,459.67	\$ (3,607.08)

Cyber Security Update

 EPC Recommends Private-Sector Technology Firm to Ohio Schools



- Your local ITC is already investing on your behalf!
- Cyber liability coverage renewals will depend upon these deployed measures:
 - Cyber Security Awareness Training
 - Endpoint Protection and Response
 - Multi-factor Authentication (MFA)
 - Offsite Storage and Backup



SECURITY AWARENESS TRAINING



S.H.I.E.L.D. IS SECOND TO NONE

Comprehensive training with specialized content for all users. A highly effective approach for meaningful and sustainable workplace changes.













- UNLIMITED PHISHING SIMULATIONS
- 1,000+ CUSTOMIZABLE EMAIL TEMPLATES
- **IDENTIFY SUSCEPTIBLE USERS & REMEDIATE**
- G-SUITE & OUTLOOK ADD-IN
- **EDUCATIONAL LANDING PAGES**
- CAMPAIGN RANDOMIZER
- AUTOMATICALLY ASSIGN COURSES FOR REMEDIATION
- USB DROP CAMPAIGNS



SOPHOS INTERCEPT X: LAYERS AND THE POWER OF PLUS



Sophos Central

Security management and SecOps threat hunting





K-12

Duo protects over 200 K-12 school systems, reducing the risk of stolen data of administrators, teachers and students.

- Reduce security and compliance risks
- Improve end-user productivity and experience
- Reduce the total cost of ownership compared to alternative solutions
- Foster organizational agility to support IT modernization and digital transformation

Duo Editions



\$12.42 annually with possible decrease beyond 10,000 ITC users

Feature	Benefit	Duo MFA	Duo Access	Duo Beyond
MFA	Establish user trust	~	~	~
SSO	Login once to multiple apps	~	~	~
Adaptive Authentication	Grant access based on policies		~	~
Trust Monitor	Detect abnormal login attempts		~	~
Device Insight	Gain device visibility		~	~
DHA	Ensure device is healthy		~	~
Trusted Endpoints	Limit access to trusted devices			~
DNG	Access internal apps without VPN			~

MVECA Datacenter Services

- No hardware upgrades
- Patch management and firewall services available
- Most affordable services available
- Low TCO and more cost effective than self-provisioned hardware

Server Hosting	Monthly rates based on
	provisioned resources and
	disk space. No bandwidth
	charges. Call for quote

Remote Backup	One Time Costs:
Services	Initial setup installation, training and full backup (per server) - \$100
	On-going costs:
	Per Gigabyte fee – minimum fee of \$100 per month
	\$.20 per Gigabyte monthly

MVECA Cyber Security Initiatives

- Implementation of Next Generation Firewall technology
 - Application firewall with deep packet inspection, intrusion prevention, geo-blocking, malware protection, east-west security
- Work with statewide security group to implement policy framework
- Update of Trustwave Secure Email Gateway and continued use of statewide IronPort solution
- Promotion of Cyber Security Awareness training with phishing campaigns
- Engagement with Department of Homeland Security National Cybersecurity Assessments and Technical Services (NCATS) for weekly penetration and vulnerability testing
- Implementation of network security best practices on servers and data stores
- Implementation of FIPS 140-2 encryption standards for offsite backup
- Adoption of NIST Cyber Security Framework
- Creation of monthly Plan of Actions and Milestones Report

NIST Cyber Security Framework

- National Institute of Standards and Technology (NIST) Framework
 - Chosen as the most suitable for our environment, primarily due to its wide adoption by governmental and educational organizations
 - Comprehensive set of policies, including (18) separate control families, that encompasses all aspects of data management and security
 - Controls address the proper elements of managing the Confidentiality, Integrity, and Availability of information systems
- Ohio General Assembly SB 220
 - Includes language that provide organizations, who are actively developing and implementing a recognized security framework, with a "safe-harbor" status should a breach occur

USAS/USPS-R Migrations

- •27 schools/districts are live on Redesign
- •1 district to go live in December
- •6 districts to go live in June of 2022
- Training is ongoing

Staffing Updates

Travis Kemper – Service Technician at Chillicothe

Cody Jacobs – Service Technician at Southeastern

Aiden Houck – Service Technician at MVECA

Interns at Chillicothe, Beavercreek, Fairborn, Huber Heights, MVECA, Springfield

Continued use of former RSDT fiscal support team for supplemental fiscal support

Other

Spring Assembly Meeting

Thursday, April 21, 2022

Adjournment

Motion

Thank you!

