Your Partner For
Worry-Free Efficiency

Welcome to CyberMorning

Executive-Level Briefing

But wait …. What is HCC?

….The Hamilton Clermont Cooperative

- A **public entity**
  - Established in 1980 via Ohio Revised Code authorizing the creation of public data sites throughout Ohio. One of 18 similar sites throughout Ohio.
- A **collaborative of public entities**
  - Some things are done better together than separately.
- Provides **effective, cost-efficient services**, coupled with **superior client support**.
  - Accounting, Payroll, Student Administration, Electronic Grade Books, Library Automation, Professional Development, Internet Access, Technical/Network Support, Telephony, State reporting to the ODE, and more.
- To a variety of **organizations**
  - public school districts, community schools, educational service centers, nonpublic schools, governmental entities, higher ed, other ITC, and others.

Today's Big Ideas

- Cyber security seeks to manage **organization-wide risk** that includes, but is much broader than, technology.

- Control and alignment of the functions and resources required to manage organization-wide risk are the **responsibility of the organization's CEO and CFO**.
  - risk assessment, policies, procedures, staffing, training, budgeting, insurance, legal, resource allocation, and more.

What today IS – and ISN'T

- Today **IS**:
  - High-level overview of essential executive-level topics related to cyber security.
  - Opportunity to hear from and interact with subject area experts each of whom JUMPED at the chance to be here. Thanks to our guests!

- Today **ISN'T**:
  - A deep dive into any of the topics

If there is interest, HCC will follow-up with more in-depth sessions.

Thank you for being here:

Schools, Districts, ESC
Local Government
Fellow ITC
Associations
Panelists
and other guests

Let's get started!

Your Partner For
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What HCC **is** doing for you.

What HCC **can** do for you.

What HCC is doing for you.

Maximizing Resource Alignment & Leverage

Upstream

&

Horizontal

Ohio Department of Education
Ohio Department of Administrative Services
Office of the Ohio Attorney General
Office of the Auditor of State

Our neighboring ITC SWOCA and MVECA
Our fellow ITC throughout Ohio
Management Council of the Ohio Educational Computer Network

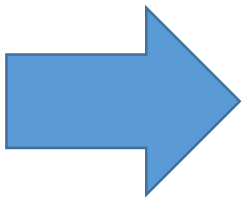
Hamilton County ESC
Clermont County ESC

Learn21

Hamilton County Fusion Center
The Center for Local Government

What HCC is doing for you.

Maximizing Resource Alignment & Leverage



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Hamilton Clermont Cooperative move lowers costs, improves services

HCC becomes the first Ohio Information Technology Center to move facilities to the SOCC

Columbus, Ohio (Feb 7, 2017) — One of Ohio's regional Information Technology Centers (ITC) has cut operational costs while maintaining high availability to its customers by moving its network services to a centralized location in Columbus.

The Hamilton Clermont Cooperative (HCC) worked for eight months with the Ohio Academic Resources Network (OARnet) to move its network operations to the State of Ohio Computer Center (SOCC), a project that was completed in June 2016.

HCC is the first ITC in Ohio to move all of its facilities to the SOCC. The SOCC provides HCC with a disaster recovery site, redundancy and secure data storage. HCC Director of IT Services Adam Blevins said the SOCC's recent power and redundancy upgrades, as well as its proximity to other state agencies, were contributors to the decision to move.

"It just makes sense," Blevins said. "Public agencies serving other public agencies … the public dollar just works more efficiently."

What HCC is doing for you.

Cyber-Collaboration Across the State

Some things are better done together….

- Working with the Attorney General and Auditor of State, fellow ITC, and others, on **state-level initiatives** of current or potential benefit to you
- Part of statewide **ITC Security Working Group**, creating and implementing **common security controls** and the use of **common security tool sets** across ITCs
- Working with fellow ITC and MCOECN to reaching out to major **cyber liability** carriers to obtain policy information for ITCs ….and YOU.

What HCC is doing for you.

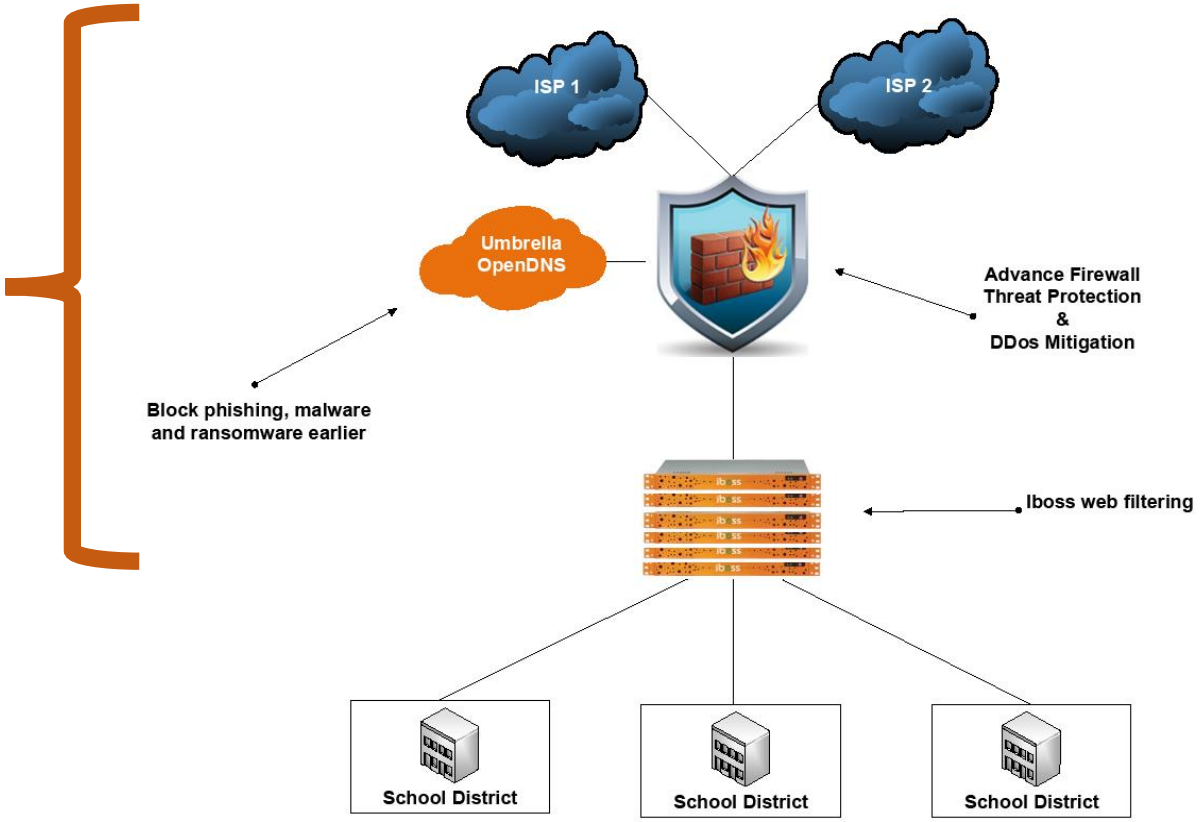
Cyber Security

- Email filtering – using state and local resources
- Firewall protection and web filtering via iBoss
- Traffic analysis for suspicious activity
- Aligning HCC processes and practices to NIST standards
- Cyber liability insurance – applications sent, bids forthcoming
- IT staff - advanced training and professional development
    - Hope to make available to area tech personnel soon!

What HCC is doing for you.

Strengthening Cyber Security

- Investigating **Open DNS** – Security beyond the firewall
- Summer: investing in **NGFW – Next Generation Firewall** to protect and block 99% of advanced online threats
  - **Cisco Talos** is the industry-leading threat intelligence organization dedicated to providing protection before, during, and after cybersecurity attacks.



And now, a shout-out to Tech Directors!

Whatever the job description of "Director of Technology" **USED** to be, it's not that any more!

Edvard Munch (1893), an artist ahead of his time, depicts Technology Director circa 2017.

"The Scream"

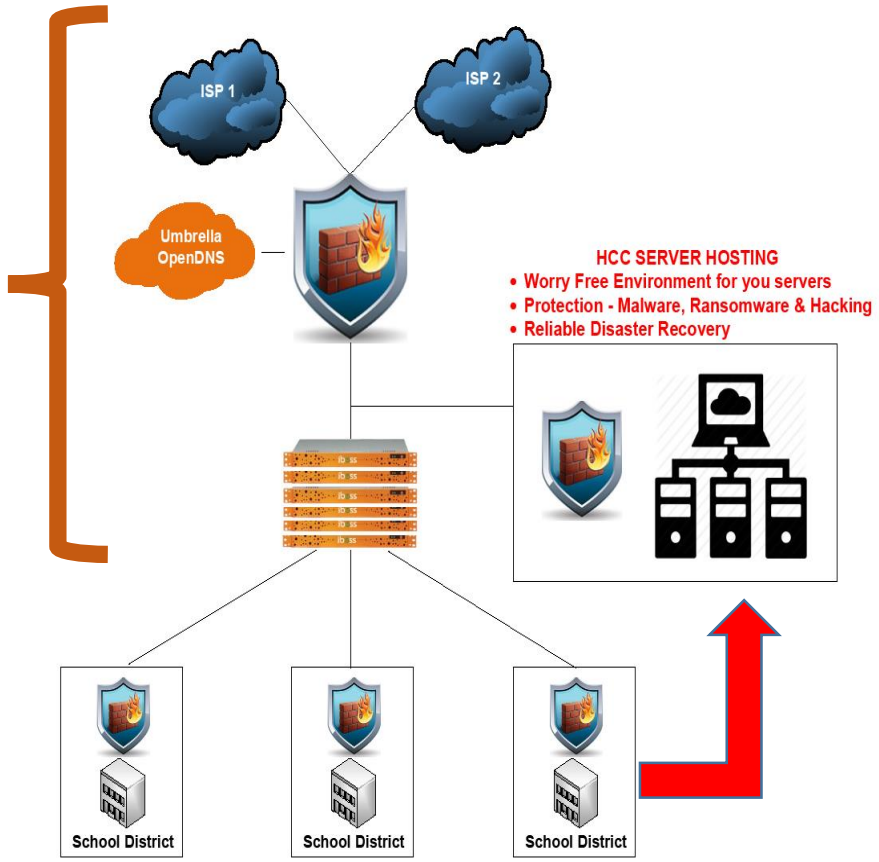
Take a good look at your Tech Director…..

HCC can help!

What HCC can do to help.

Consider moving into HCC Data Center @ SOCC

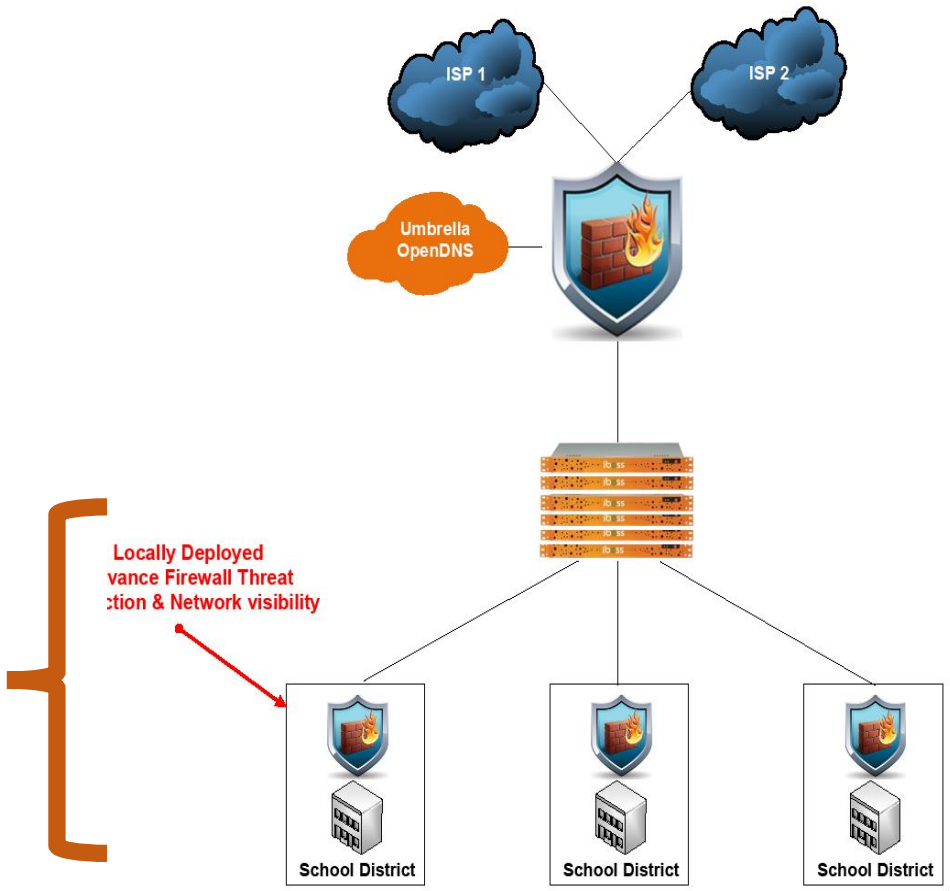
- With **HCC's Server Hosting** solution, you can be at the **State of Ohio Computer Center (SOCC)**, too.
  - State agencies, Ohio State, University of Cincinnati, counties and municipalities
- **Peace of Mind** – Your data will be in a secure, 24 x 7 x 365 data center with reliable uptime, power and cooling redundancy to ensure uninterrupted access to your critical data and applications.
- **Cost-savings** – Avoid additional and recurring equipment and software expenses associated with maintaining your own data center and fighting the cyber criminals.
- **Efficiency** – Free up your overworked technical staff to spend more of their day with people, not boxes and wires.



What HCC can do to help.

HCC Cyber Security Services

- If you want even **MORE** protection, consider **HCC Managed Cyber Security Services** to help protect your organization's networks.
  - Advanced malware and threat protection **located on your site, managed by HCC.**
    - Next Generation Firewall services (Cisco Firepower or Meraki)
    - HCC can help leverage pricing
  - **OpenDNS** – Stop the threat before it begins.
  - **Cloudlock** – Secure your users and data that are hosted in Google and MS Office 365 cloud platforms. HCC investigating 'group' pricing.



Today's Summary and Next Steps

1) Recognize that **cyber threats are real, getting worse**, will take more of your time and other resources.
2) Proactive and responsive cyber-related policy, procedures, insurance, budgeting, and training are **executive-level responsibilities**.
3) Review current **cyber-related practices**. There may be steps you can take to help protect your organization, yourself, and your family.
4) HCC is **working hard** for our Members and other clients.
5) HCC offers **additional cyber security options** for those who want them. Contact us.
6) HCC will **convene groups** around topics of interest.

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Questions, comments, discussion.

Thank you.