



Racine County Intergovernmental Cooperation Council

Racine County Intergovernmental Cooperation Council Meeting

Wednesday, May 31, 2023

5:00 pm – 6:30 pm

SC Johnson iMET Center

Auditorium – Room 202

2320 Renaissance Blvd., Sturtevant, WI

Members Present

Steve Wicklund, Village of Union Grove
Jeannie Hefty, City of Burlington
Dave DeGroot, Village of Mount Pleasant
Russell Egan, Town of Burlington
Ed Chart, Village of Rochester
Mark Schall, Village of North Bay
Teri Jendusa-Nicolai, Town of Waterford
Steve Stratton, Town of Dover
Tom Weatherston, Village of Caledonia
Alicia Gasser, Village of Elmwood Park
Douglas Nelson, Village of Yorkville
Jean Jacobson, Town of Norway
Jonathan Delagrave, Racine County
Donald Houston, Village of Waterford

Designees Present

Doug Schwartz, Village of Raymond

Members Absent

Alison McCulloch, Village of Wind Point
Mike Rosenbaum, Village of Sturtevant

Members Excused

Cory Mason, City of Racine
Kari Morgan, Village of Raymond

Guests

Shuchi Wadhwa, Racine County
Andrew Goetz, Racine County

- City of Racine – City of Burlington
- Villages of Caledonia - Elmwood Park - Mount Pleasant - North Bay - Raymond, Rochester – Sturtevant - Union Grove – Waterford - Wind Point - Yorkville
- Town of Burlington – Dover – Norway – Waterford

RCICC

Racine County Intergovernmental Cooperation Council

Roley Behm, Racine County
Jackie Bratz, Racine County
Tom Kramer, Town of Norway
Jody Spencer, Racine County

- I. Steve Wicklund called the meeting to order at 5:01 p.m.
- II. Introductions
- III. Approval of the March 29, 2023, minutes

Action: Approve the minutes from the March 29, 2023, meeting.
Motion Passed.
Moved: DeGroot Chart Seconded: Stratton
Vote: All Ayes, No Nays

- IV. Welcome from Gateway Technical College President Ritu Raju

Gateway Technical College is a partner for municipalities. Can provide customized industry training, state of the art manufacturing/3D printing labs, Gateway is focused on delivering value to its community/region. Gateway wants to be a partner in training and innovation. Gateway is a catalyst for economic development and SE Wisconsin is a manufacturing hub and Gateway is here to support municipalities as they grow.

- V. Virtual Presentation by Microsoft (Microsoft Director of Community Affairs, Paul Englis / Microsoft Community Research and Engagement Lead, Americas, Diann Strom)

See attached presentation.

- VI. Roundtable

Doug Schwartz – Village of Raymond
Re-doing I-94 corridor in Raymond ... reviewing sewer proposals.

Alicia Gasser – Village of Elmwood Park
She served as Trustee for 4 years and was elected President in April ... new playground construction ... Hired new village administrator, Kendal Barrier new too.

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Donald Houston - Village of Waterford

Closed on new ProHealth facility, awesome clinic (ProHealth's first Racine County location) ... Event season begins ... 10 Club Park project is under construction.

Sam Stratton - Town of Dover

\$5M sewer project underway, slowed by COVID ... Moving forward with garbage and fire department improvements.

Tom Weatherston - Village of Caledonia

Police and Fire Building roofed and siding on ... Highway K growth with two residential subdivisions coming in and old K-Mart purchased.

Jeanie Hefty - City of Burlington

Residential growth on 83 (1,000 residents when finished) ... Working on The Friary (another residential development) ... Resolution for the liquor license which is supported by the Tavern League ... Resolution needs more municipalities to support.

Steve Wicklund - Village of Union Grove

Municipal projects going on resurfacing Mildrum Street, lift station ... Splash pad is approved ... New art gallery.

Jean Jacobson - Town of Norway

Town of Norway is taking over the fire department (formerly private company) which has been a long process ... Putting together Town plan for the future ... Looking to improve sewer system.

David DeGroot – Village of Mount Pleasant

The Microsoft deal moving forward and closed on the land last week ... Village is dealing with general sewer issues ... Road construction/Campus park improvements (Opening soon).

Ed Chart – Village of Rochester

The 157th Memorial Day parade on Monday ... Lots of road construction ... Residents asking for better internet service ... Village approved two pickleball courts last meeting.

Russell Egan, Town of Burlington

New chicken ordinance in place

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Mark Schall – Village of North Bay

Working on a water main project as system is over 100 years old ... Moving to the streets in a phased, 4-year project ... Water Department very responsive to residents.

Teri Jendusa-Nicolai - Town of Waterford

Town of Waterford sanitary district looking at capacity ... Balloon Fest on July 15, put on by the Lion's Club at the Town Park ... Planning commission looking at a bar permit for live music ... Appointed someone to the board, two planning commission appointees.

VII. Reports by the County Executive

1. Proposed Shared Revenue Legislation

The new shared revenue formula is still being negotiated and things may change. Past legislation on levy limits was meant to promote local government cooperation, but that did not occur statewide. An innovation fund has been established to support municipalities working together to innovate and leverage combined resources while realizing savings that can then be passed on to municipalities. This is a start and an improvement over the previously antiquated model.

2. Local Government Cybersecurity (Information Technology Director, Shuchi Wadhwa)

See presentation on government cybersecurity for details. Discussion following the presentation included comments about this consortium qualifying for the new innovation fund. County Executive Delagrave requested heads of government share the presentation with their municipalities and contact Shuchi Wadhwa or Andrew Goetz with any questions.

3. Status of Next Gen 911 / Communications (Communications Director, Jackie Bratz)

The current 911 infrastructure is not sustainable, but a 911 outage in April was caused by an AT&T service issue and not the equipment. The outage impacted numerous counties for more than an hour, but the Emergency Communications Department was able to use Rapid SOS in the interim to support residents. A group of county officials continue to meet with federal engineering, consultant for a county-wide radio update. Chief Deputy Weidner, Jackie Bratz, Travis Richardson meet biweekly with Federal Engineering, and they are working to identify locations for additional infrastructure.

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VIII. Discussion on Racine County Parks / Public Works (Public Works and Development Services Director, Roley Behm)

An introduction to the new Public Works and Development Services Director Roley Behm.

IX. Discussion on Vacation Rental by Owner (VRBO) Properties (Communications and Media Relations Director, Andrew Goetz)

Discussion tabled for a future meeting due to time.

X. Treasurer's Report

All municipalities have paid dues and the RCICC account has been created.

XI. Items for Future Meetings

Update on cybersecurity consortium, discuss security at municipal events, health insurance.

XII. Schedule Next Meeting

The next meeting is scheduled for August 31, 2023, at 5 p.m. in the City of Burlington at Veterans Terrace.

XIII. Adjournment

Action: Adjourn the meeting of May 31, 2023, at 7 p.m.
Motion Passed. Moved: Weatherston Seconded: Chart
Vote: All Ayes, No Nays

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ENHANCING CYBERSECURITY FOR LOCAL GOVERNMENT

Shuchi Wadhwa | Chief Information Officer | Racine County

AGENDA

introduction

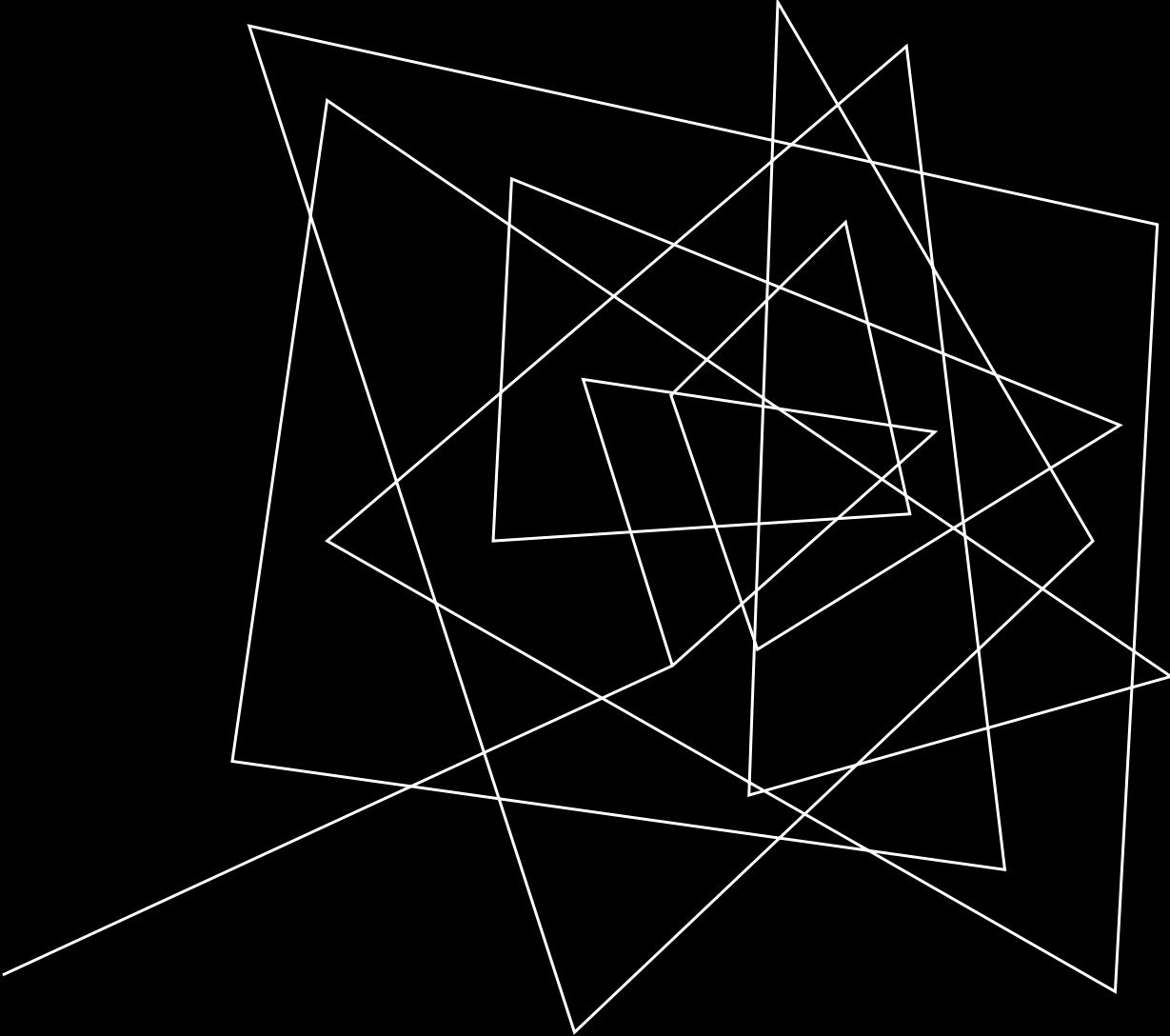
the fundamentals

we upped our security...up yours!

interagency security model - consortium

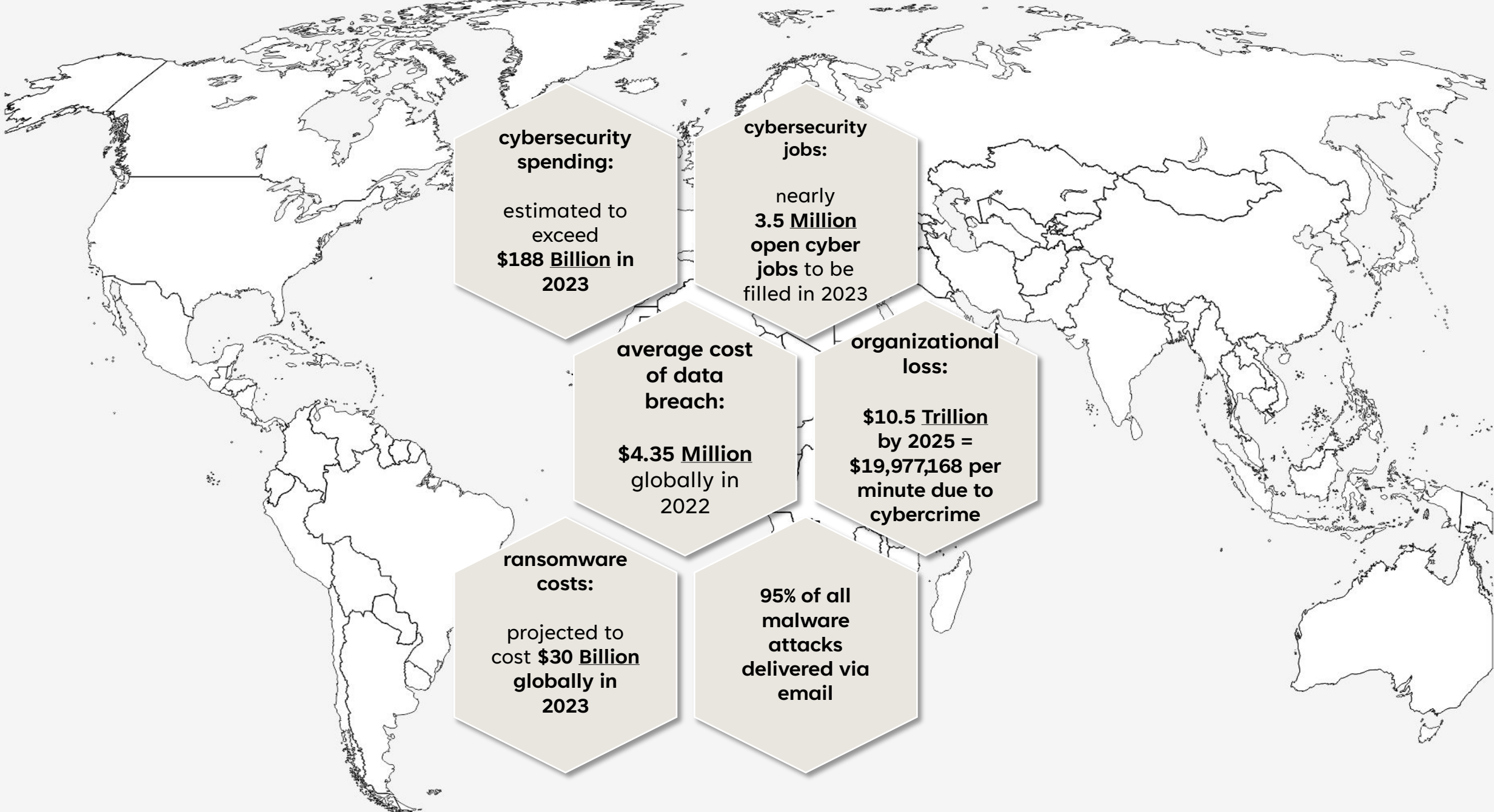
summary

call to action



INTRODUCTION

Who am I?



cybersecurity spending:

estimated to exceed **\$188 Billion** in **2023**

cybersecurity jobs:

nearly **3.5 Million** open cyber jobs to be filled in 2023

average cost of data breach:

\$4.35 Million globally in 2022

organizational loss:

\$10.5 Trillion by 2025 = **\$19,977,168** per minute due to cybercrime

ransomware costs:

projected to cost **\$30 Billion** globally in **2023**

95% of all malware attacks delivered via email

Ransomware infects City of Racine computer systems

RACINE — City of Racine computer systems were infected by ransomware early



City of Oshkosh computer system hit by virus

The City of Oshkosh has been hit by a computer virus that's impacted its website, email and phone lines.

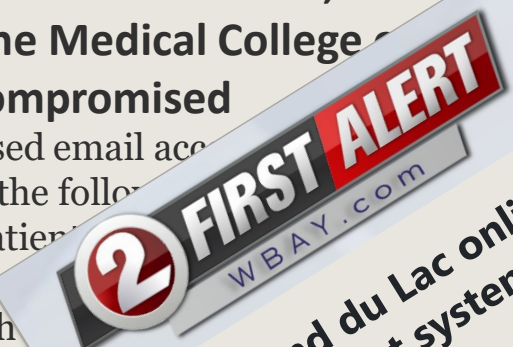


As Kenosha responds to historic protests, the city faces cyberattacks or 'hacktivism'

KENOSHA, Wis. - The City of Kenosha has been fighting cyberattacks since the death of Jacob Blake. They're calling the attacks a "denial of service" attack which either floods a website or it hampers its ability to make

Confidential information of 9,500 patients at the Medical College of Wisconsin compromised

The compromised email accounts include one or more of the following information: patient names, addresses, dates of birth, phone numbers, health insurance numbers, dates of service, student diagnosis or medical treatment information.



City of Fond du Lac online water payment system hacked

Officials with the City of Fond du Lac say its Water Payment Portal has been hacked, and people who pay their water bill online through the system should check their credit card statements.



Rock County Services suffers cybersecurity incident

A phishing scam earlier this year led to a security breach within Rock County Human Services. County Administrator Josh Smith says all affected parties have been contacted



Village of Whitefish Bay targeted by cyber security attack

WHITEFISH BAY, Wis. (CBS 58) - According to a news release, the Village of Whitefish Bay was targeted by a "malicious and sophisticated cyber security attack" on Saturday, July 31.



Ransomware group claims attack on Wisconsin school district

A ransomware group took responsibility for a cyberattack on a school district in Wisconsin serving nearly 20,000 students. The Snatch ransomware group added the Kenosha Unified School District

Wisconsin's statewide court system slowed by denial-of-service cyberattack
An attempted cyberattack on the Wisconsin court system's computer network system's intermittent delays and slower response times earlier this week.

WHO HAS YOU IN THEIR CROSSHAIRS?

criminals

motivation: Financial Gain

impact: Extortion of money, release of private information, operational disruption, brand and reputation damage

insiders

motivation: Personal advantage, monetary gain, revenge, Patriotism

impact: Loss of competitive advantage, trade secret disclosure, operational disruption, brand and reputation damage

hacktivists

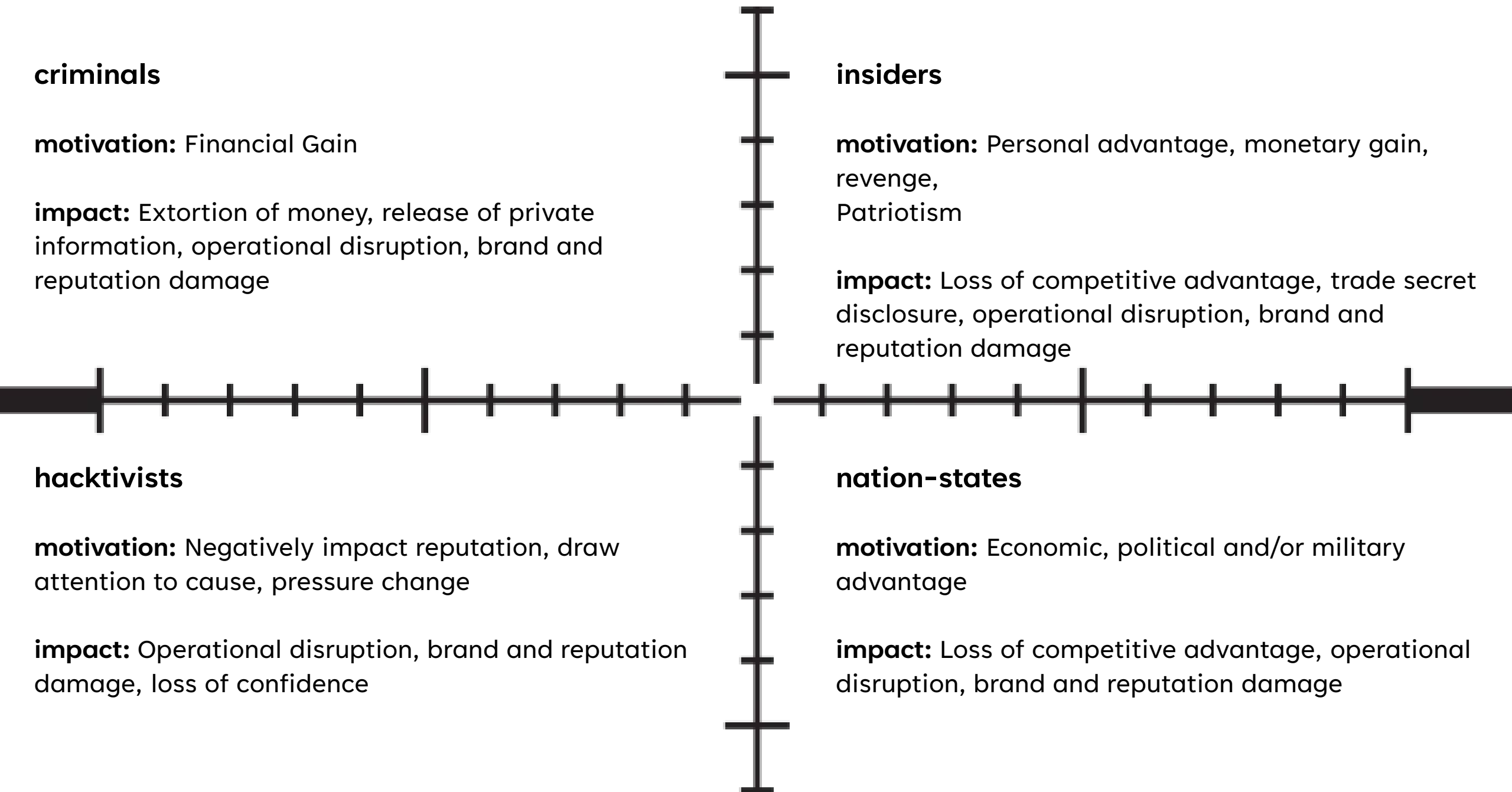
motivation: Negatively impact reputation, draw attention to cause, pressure change

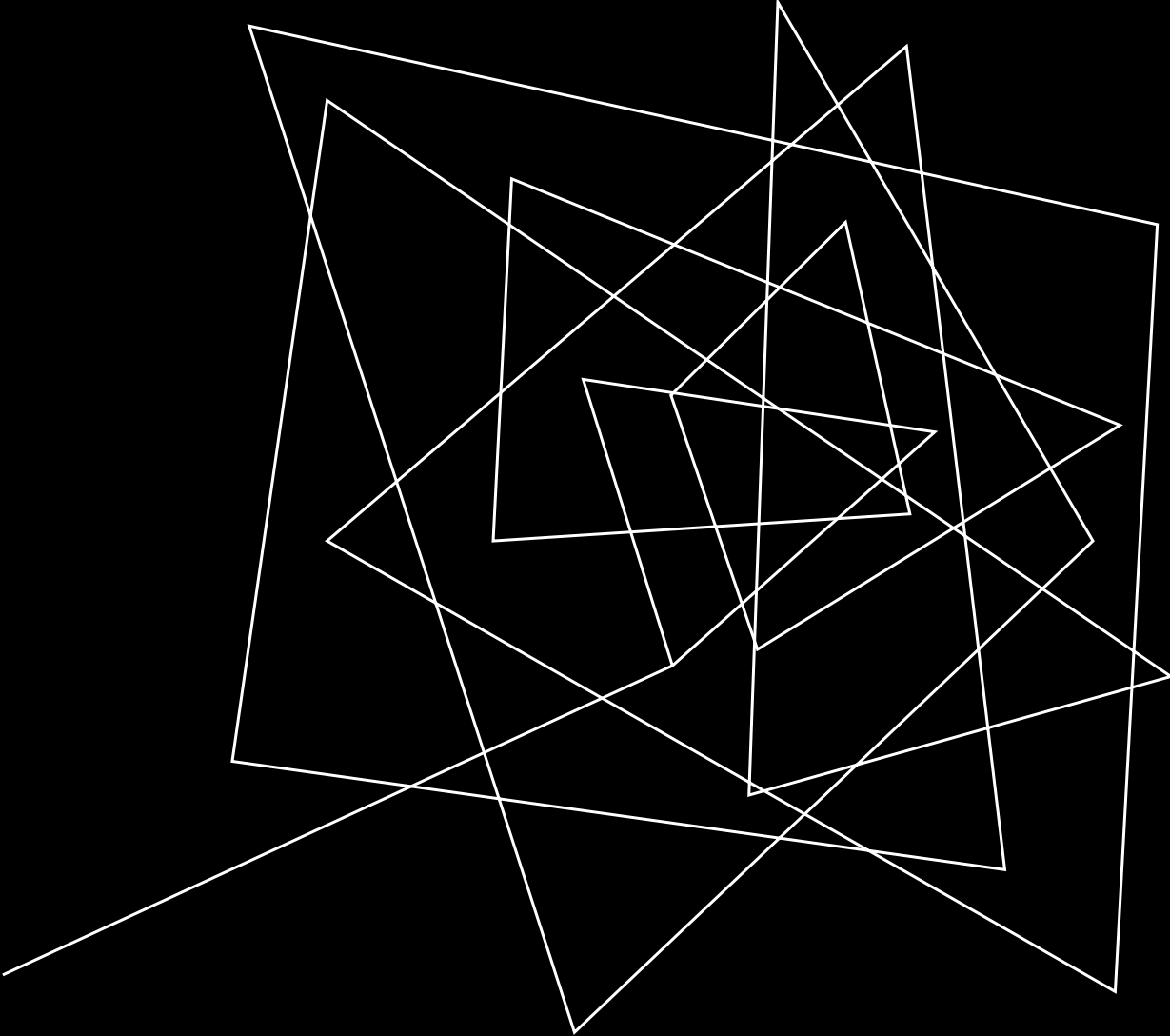
impact: Operational disruption, brand and reputation damage, loss of confidence

nation-states

motivation: Economic, political and/or military advantage

impact: Loss of competitive advantage, operational disruption, brand and reputation damage





THE FUNDAMENTALS

Cybersecurity IS Risk Management

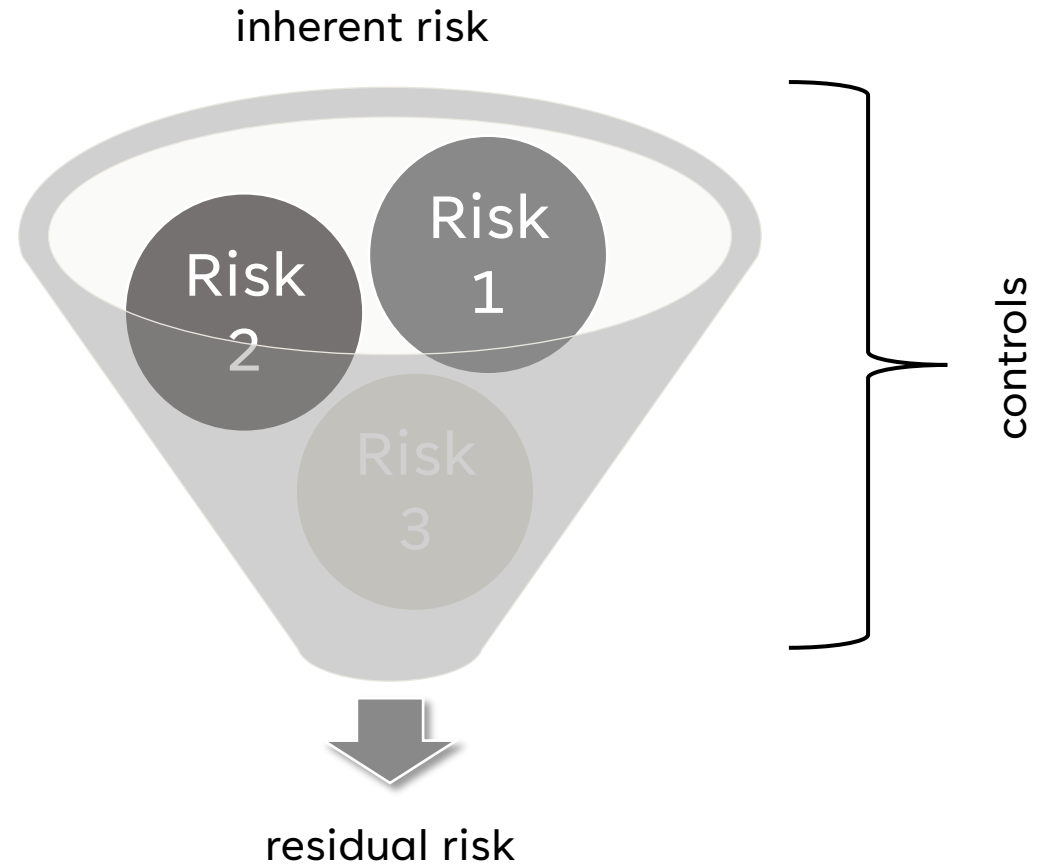


COMPLEXITY OF A MODERN ORGANIZATION

- email
- mobile devices
- website
- social media
- credit card transactions
- BYOD and office policy
- network management
- backup and remote access

MANAGING CYBER RISK

MITIGATION VS. ELIMINATION OF RISK



MAIN CYBER THREATS AFFECTING LOCAL GOVERNMENT

phishing	ransomware	hacking	environmental threats
<p>Social engineering attack involving trickery</p> <p>Designed to gain access to systems or steal data</p> <p>Targeted phishing is “spear phishing”</p> <p>Variants include “vishing” – attacks by telephone and “smishing” those using SMS or text</p>	<p>Type of software with malicious intent and a threat to harm your data</p> <p>The author or distributor requires a ransom to undo the damage</p> <p>No guarantee the ransom payment will work</p> <p>Ransom often needs to be paid in cryptocurrency</p>	<p>Unauthorized access to systems and information</p> <p>Website attack such as DDOS (distributed denial of service)</p> <p>Access denied to authorized users</p> <p>Stolen funds or intellectual property</p>	<p>Natural threats such as fire, earthquake, flood can cause harm to computers or disrupt business access</p> <p>Recovery efforts attract scams such as financial fraud</p> <p>Downtime can lose customers, clients who can't wait</p>

SMALL ORGANIZATION, BIG IMPACT

why put your already limited resources into preparing for and protecting against cybersecurity attacks?

vulnerability

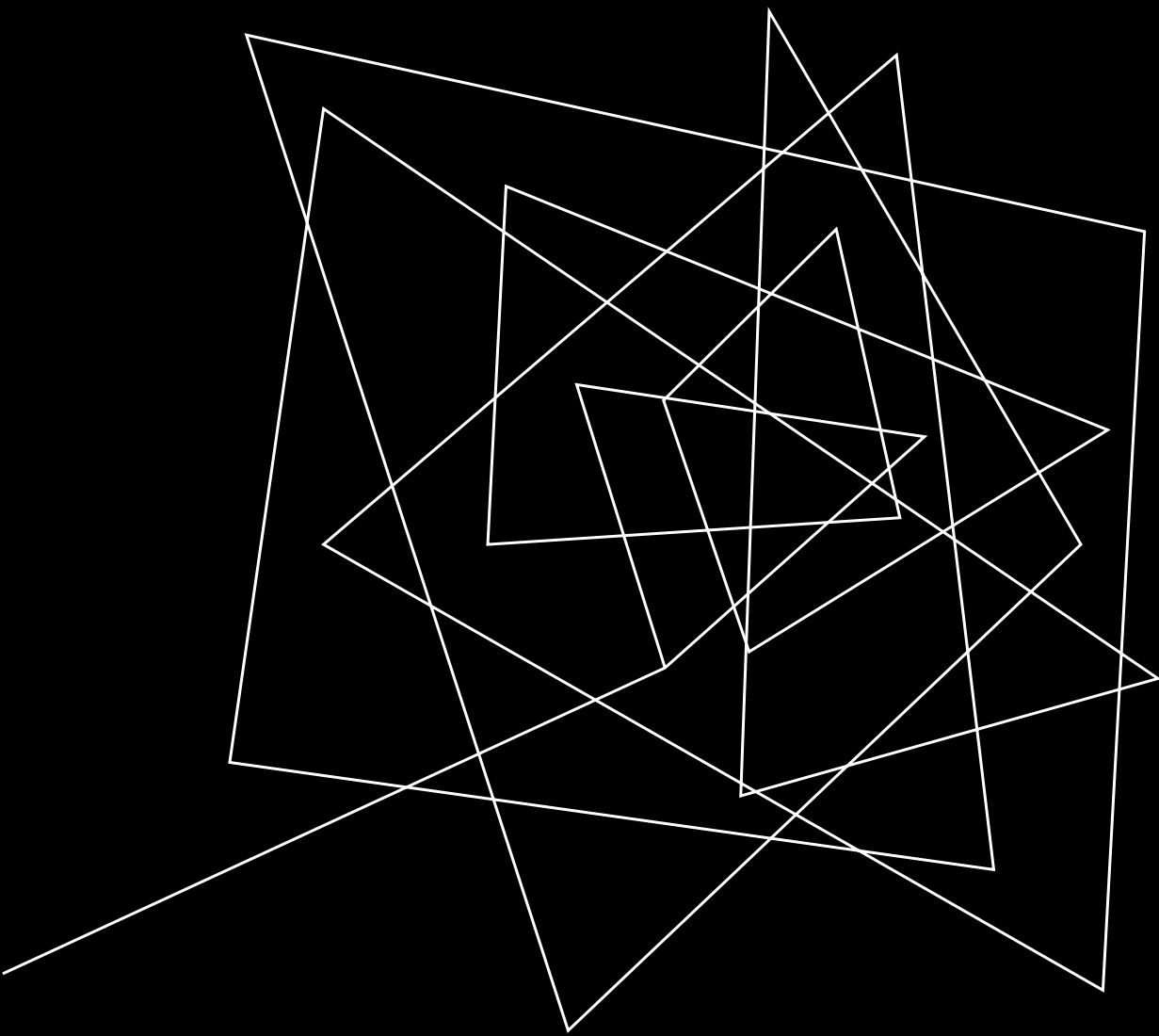
Attackers can see small organization as easy targets

business costs

Attacks can be extremely costly and threaten the viability of your organization

reputation

Residents and employees expect and trust you to keep their information secure



**WE UPPED OUR
SECURITY...UP YOURS!**

CYBER MEASURES TAKEN AND COST PER PERSON

description	annual cost per user – msrp	annual cost per user – negotiated
microsoft applications & security tools	\$538.46	\$538.46
email filter & security training	\$140.77	38.46
file/network scanning	\$190.00	\$61.54
firewall	\$86.67	\$45.38
anti-virus/policies	\$47.44	\$33.08
multifactor authentication	\$55.00	\$55.00
active directory auditing/management	\$2.49	\$2.07
network vulnerability scanning	\$62.05	\$18.46
annual cost per user	\$1,122.88	\$792.45
monthly cost per user	\$93.57	\$66.04

\$792.45
\$66.04



average discount = **29.4%**



ILLUSTRATION

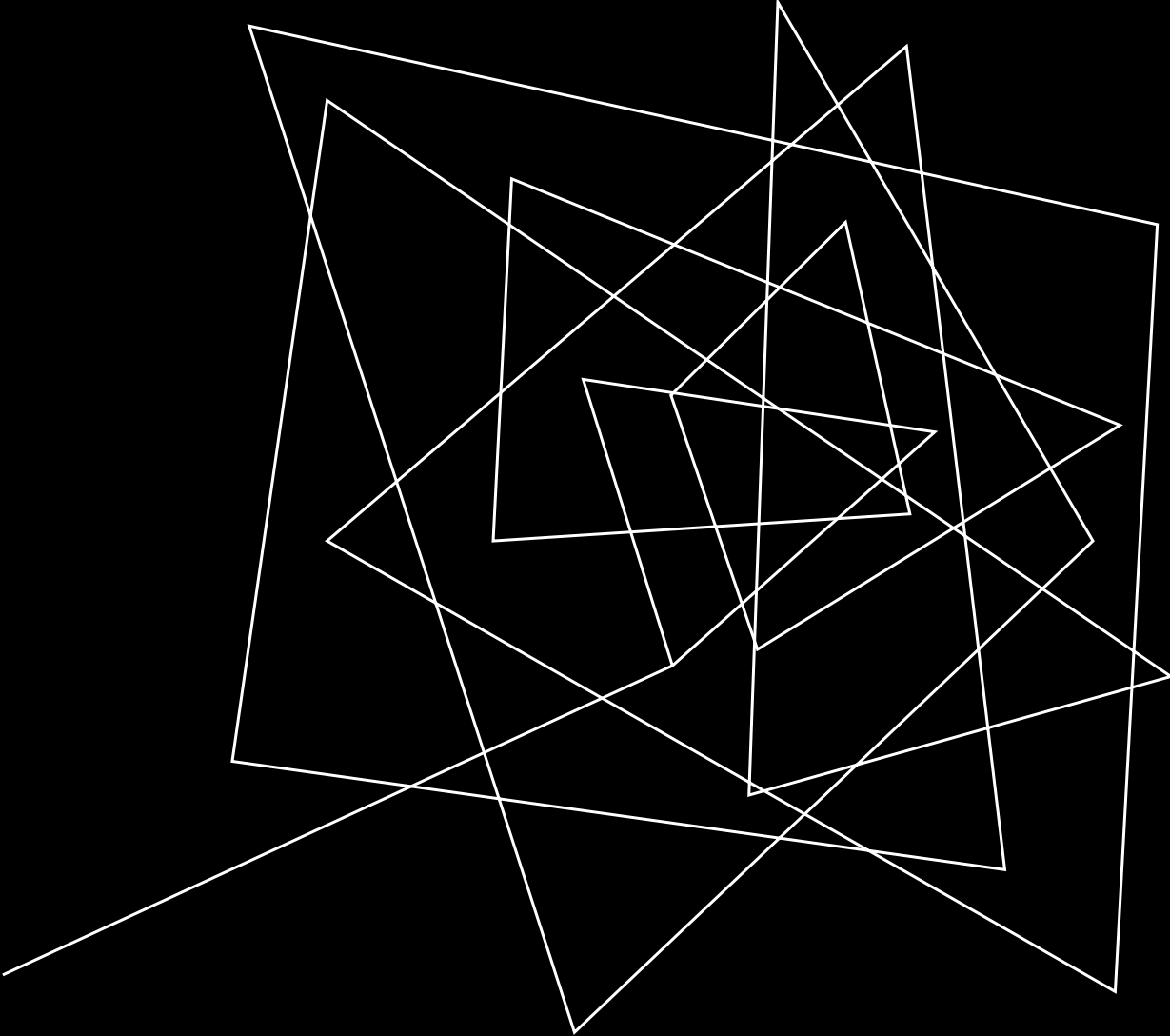
average cost of
data breach:
\$4.35 Million

annual cost
per user:
\$792.45

user count:
100

break even
(years):
55

Can your organization
go 55 years
without an incident?



INTERAGENCY
SECURITY MODEL |
CONSORTIUM

CHALLENGES AFFECTING LOCAL GOVERNMENTS

money

resources

**competing
priorities**

economies of
scale



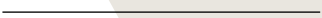
What if we could leverage existing tool sets used in local government (and/or the State) and make them available to our partners so that they could enable capabilities they did not previously have due to costs, limited resources, and other general challenges?

achieve
efficiencies

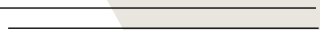


What if we could achieve economies of scale, reduce overall costs, maximize efficiencies, improve knowledge transfer, reduce duplication of work, and remove the haves and have-nots which has historically been one of the most significant challenges facing local governments.

enhance
cybersecurity for all



How can we bring local governments and organizations above the cyber poverty line, so it protects everyone in the ecosystem?



PROBLEM STATEMENTS

GOAL:

To seed the creation of this community, it is imperative that the effort has broad support from key industry partners who are interested in securing their products, services, and data. Service providers are an integral resource as well.

MISSION:

Build an active, trusted network of local governments and academia to enhance cybersecurity resilience and response, better protect digital and physical assets, create safer and stronger communities, and advance the technology leadership of southeastern Wisconsin and Wisconsin in general.

VISION:

- Reduction of overall costs through economies of scale
- Increase resilience and visibility
- Develop long-term strategy to prepare participating members for emerging and long-term cyber security challenges
- Maximized efficiencies and reduced duplication of work
- Increased knowledge sharing through engaging network of cybersecurity professionals
- Stimulate open innovation and impact throughout consortium

AVENUES

**collaborative
defense**

**workforce
development**

**community
outreach**

**interagency security
model | consortium**

COLLABORATIVE DEFENSE

Members share (in private community composed of vetted, trusted peers) practical cybersecurity defense information that can be put to immediate use. This includes best practices, proven methods and approaches, incident information, techniques/policies/procedures, indicators of compromise, etc. Due to diverse membership consisting of local government and academia, it will provide unique cross industry perspectives.

- Facilitate joint government contract pricing and/or grant applications among members on technology related to cyber defense
- Develop a secure web-based forum and resource library for members to collaborate on technologies, share best practices, and gather resources/information
- Host events focused on cybersecurity
- Develop and facilitate Executive Peer Forum for members

WORKFORCE DEVELOPMENT

Work across member organizations to build internal cybersecurity expertise and create local and regional employment opportunities. Due to academia being engaged with this effort, we will be able to create and support programs that expand the cybersecurity talent pool and help to create cyber-ready graduates to meet industry need.

- Establish and grow graduate level expertise in educational institutions within southeastern Wisconsin
- Facilitate a pipeline of adjunct instructors from industry to teach up-to-date technology/cybersecurity courses
- Recruit and/or establish private cyber training companies

COMMUNITY OUTREACH

Collaborate with a variety of partners to improve community and regional cybersecurity preparedness and response ensuring that cybersecurity is a business development priority within southeastern Wisconsin's economic growth strategy.

- Meet with state/federal representatives to educate them on our specific cyber challenges for our area
- Develop educational and best practices document for distribution to member's constituencies/customers
- Assist member executives in raising awareness of the realities and risks to their organizations regarding likely cyber-attacks

RETURN ON INVESTMENT

cybersecurity help now!

The near-term objective and work plan include immediate benefits in peer-to-peer communications and information sharing, workforce development, and education for the public and policymakers

- Increase visibility and access to more resources!

community investment

The cybersecurity challenge is a long-term war. Joining the consortium as a member strengthens the effort and strengthens your own individual efforts within your respective organizations

recruitment investment

A strong cyber ecosystem will consist of a strong pipeline of talented people. Developing the pipeline in your own backyard is a cost-effective recruitment strategy

HOW TO MEASURE SUCCESS

ESTABLISH FRAMEWORK

With establishing key principles, policies, tools it will result in better protection of digital assets and creation of stronger safer communities

ESTABLISH METRICS

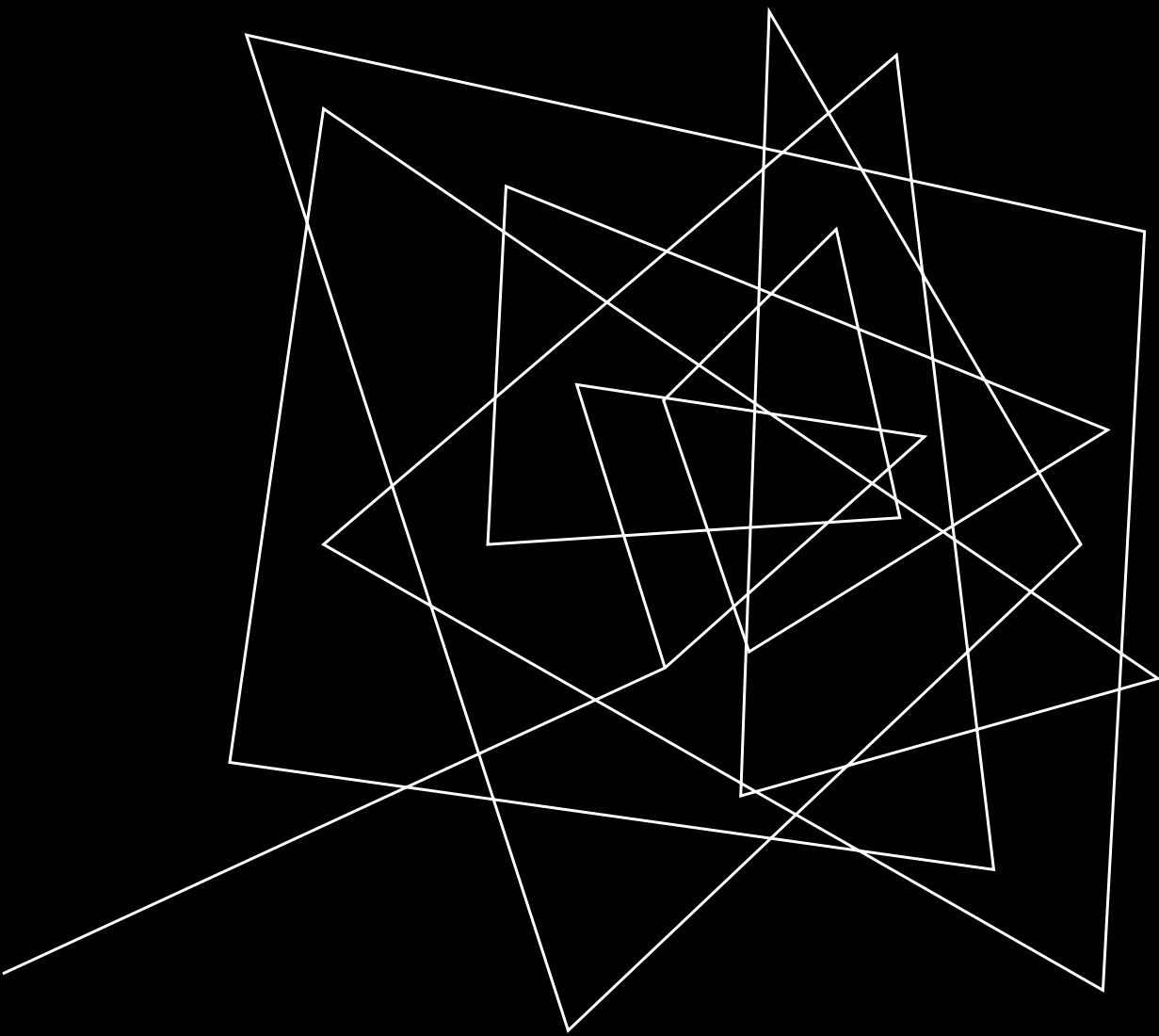
With establishing key metrics (uptime, time to remediate, number of incidents) it will establish baseline measures, identify areas for improvement and promote ongoing learning

INCREASED PARTICIPATION

As more regional partner participate the consortium becomes a powerful network leveraging a wide range of expertise, resources, and perspectives

ECONOMIES OF SCALE

Through leveraging economies of scale through shared resources, tools and technologies the consortium reduces overall costs and more efficiently allocates resources towards cybersecurity for each partner



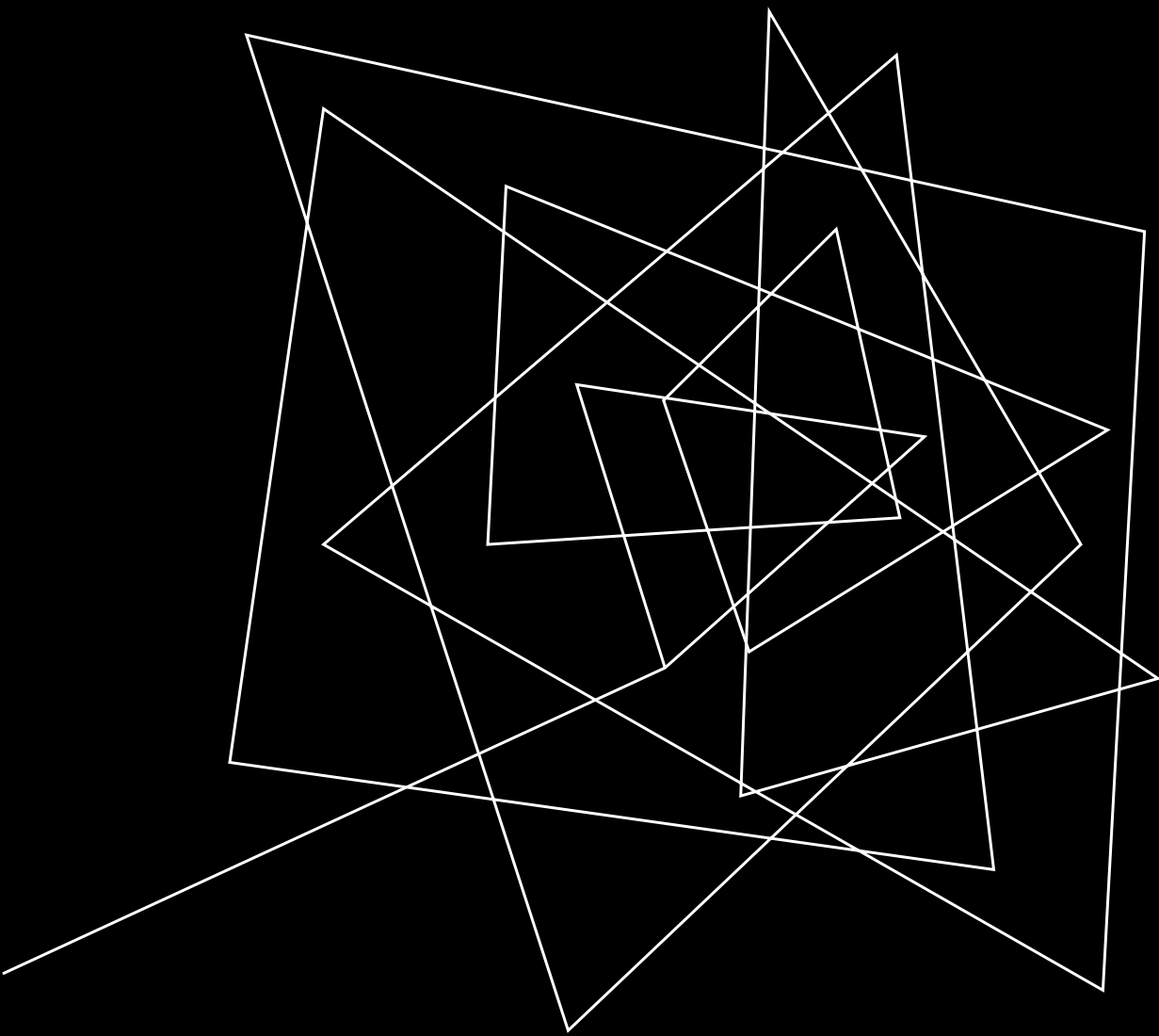
SUMMARY

KEY TAKE-AWAYS

Decreased costs due to economies of scale on complete services from **segment leaders deploying high-tier package**

Enhanced cybersecurity for all, due to our **duty** to protect our own

Investment in community by building relationships and fostering workforce development



CALL TO ACTION

ESSENTIAL ELEMENTS TO BUILD A “CULTURE OF CYBER READINESS” ...ACTION FOR LEADERS...

Yourself	Your Staff	Your Systems	Your Surroundings	Your Data	Your Crisis Response
<p>Lead Investment in basic cybersecurity</p> <p>Determine how much of your organization's ops are dependent on technology</p> <p>Build trusted network of relationships</p> <p>Approach cyber as a business risk</p>	<p>Develop a culture of awareness to encourage employees to make good choices online</p> <p>Learn about risks: phishing, business email compromise, etc</p> <p>Maintain awareness on current events</p>	<p>Learn what is on your network.</p> <p>Maintain inventories of hardware and software assets to know what is in play and at-risk from attack</p>	<p>Work in conjunction with your technology department to implement basic cyber measures (ie/MFA, policies and procedures, etc)</p>	<p>Learn how your data is protected</p>	<p>Lead development on:</p> <ul style="list-style-type: none"> - Incident response/DR planning - Prioritization of resources and identification of critical systems that must be recovered first - Internal reporting structure to detect, communicate, and contain attacks <p>Learn who to call for help (relationships matter!)</p>



THANK YOU

Shuchi Wadhwa

Shuchi.Wadhwa@racinecounty.com

Public Works & Development Services (PWDS)

Roley Behm, Director



Let me introduce myself...



Who I am..



**My career to
this point..**



My Goals..



Department Divisions

Highway, Superintendent Patrice Brunette, Assistant Hwy Superintendent, Mike Kirschling

maintains County Trunk Highways and State Trunk Highways and freeways in a manner that will provide County citizens with a safe, usable roadway system at a level of service acceptable to the majority of its citizens at the lowest possible cost.

Parks Division, Maintenance Supervisor Ben Haas,

provides quality areas and facilities for leisure activities of Racine County citizens and tourists. To maintain, improve and preserve Racine County's park land in a safe and attractive manner and at a level of service acceptable to the majority of citizens at the lowest possible cost.

Engineering Manager, Alex Valley

Department Divisions

Development Services, Superintendent Brian Jensen,

provide effective, safe, environmentally responsible and quality development, enhancing the quality of life in Racine County through advancing of comprehensive land use planning objectives, a high level of customer service, and timely and effective management of development compliance processes.

- **Land Conservation, Chad Sampson – County Conservationist**

Land Information, Kimberly Christman – Real Property Lister/GIS Manager



Our interaction with other municipalities >>

Collaboration and information sharing

COUNTY VS. WISDOT

County Trunk Highways (CTH) are Alpha – CTH A

State Trunk Highways (STH) are Numeric – STH 31

HIGHLIGHTS OF MAJOR PROJECTS

▶ Upcoming:

- Restoration efforts at John Margis Jr Wildlife Area.
- Resurfacing of CTH V from K to G

▶ Ongoing:

- Cliffside Park, shoreland erosion
- Pritchard parking lot
- Quarry Lake Park
- Reconstruction of CTH D in Rochester

QUESTIONS?

Thank you for listening.



Microsoft Project Update

May 31, 2023

Paul Englis

Principal Program Manager

Global Community Research and Engagement



Today's discussion

Why do we need datacenters?

Update on progress to date

What to expect next

Technology has become an integral part of everyday life, and datacenters are at the heart of the internet.



A datacenter building houses **thousands of computer servers and data storage devices** connected to the internet.

These buildings are similar in size and appearance to a **distribution warehouse**.

Microsoft operates **>200 datacenters** in over 34 countries



Businesses of all types rely on Microsoft datacenters

Microsoft datacenters deliver cloud services to companies of all sizes, including enterprises, hospitals, government agencies, and educational institutions.

More customer stories at customers.microsoft.com



Collaboration with local authorities has started



Updates

- PSA was finalized and real estate transaction closed last week
- Permitting with Wisconsin Department of Natural Resources underway
- Work underway with Village of Mt. Pleasant Planning Department
- Currently in contracting to onboard a local community liaison
- Planning underway for community meeting in mid-June

Forward progress and looking ahead...



Connecting with the community

- **Save the date!** Community information session on June 22, 2023 at Gateway Technical College's iMet Center



Continuing engagement with jurisdictions on permits, including:

- Wisconsin Department of Natural Resources
- Village of Mount Pleasant



Looking ahead:

- Following receipt of applicable permits, we anticipate starting early site works (e.g., clearing, grading) later this year



Thank you