

**2022 MTUG
Information Technology
Summit & Tradeshow**

*Learning,
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for 35 years.*

*IT Summit Brochure
– Final Edition*

Thursday, May 26th, 2022

7:30 am to 4:00 pm

Holiday Inn by the Bay
88 Spring Street, Portland, Maine
www.mtug.org/techsummit

*network.
learn.*



*The Maine Technology Users Group
PO Box 8549, Portland, ME 04104
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It's so nice to be back.

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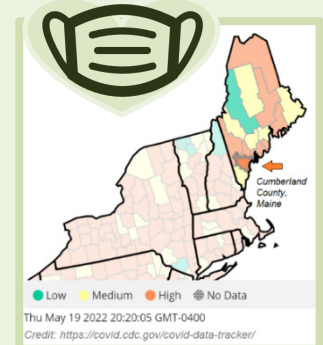
MTUG Summit Covid Policy

Review complete details online at mtug.org/techsummit#Covid

At check-in, **show vaccination OR recent rapid test,**



and masks are required due to High Community Covid Levels.



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2022 IT Summit & Tradeshow Agenda

**7:30 – 8:30 am – Attendee Registration in Lobby (1st fl)
Continental Breakfast in Casco Bay Hall (downstairs)**

Please have Covid vaccination and/or negative rapid test proof ready.

8:00 – 8:30 am – Student Orientation – Connecticut Room

7:30 am – 4:00 pm – Casco Bay Hall – Vendor Exhibits

Meet with vendors and view demonstrations and displays of new and innovative technology products and services.

8:30 – 9:00 am – Casco Bay Hall – Opening Remarks

MTUG director Kate Carpenter & MTUG board welcome attendees and introduce the 2022 MTUG IT Summit & Tradeshow.

**9:15 – 10:15 am & 11:15 am – 12:15 pm
Educational Workshops – Morning Sessions
(Schedule/Rooms/Descriptions on pages 10-14.)**

Choose workshops from 4 tracks – I.T. Infrastructure, Security, "Disruption" and I.T. Workforce Development.

**12:15 – 1:15 pm – Boxed Lunch Pickup – Hallway
outside Vermont/New Hampshire Halls.**

**12:30 – 1:45 pm - Keynote Speaker Bill Pierce, followed
by MTUG CoSponsored Scholarship Appreciation**

Keynote Presentation + Q&A in Vermont/New Hampshire Hall

Keynote also to be streamed in Rhode Island & Connecticut rooms & Casco Bay Hall table/eating area– attendees are welcome to spread out to these areas.

12:30 pm: Bill Pierce, CIO at The Jackson Laboratory, presents:
"Agility and Resilience in an Age of Complexity."

1:15 pm: Please join us after the Keynote as we thank our generous scholarship donors & recognize our tech student awardees.

2:15 – 3:15 pm Educational Workshops – Afternoon

Final chance to attend educational workshops.

**3:30pm – Students welcome to Regroup & Share
at Student Reserved Table in CB Hall**

3:00 pm – More Desserts & Snacks in Casco Bay Hall

3:30 – 4:00 pm – Final Remarks & Lots of Door Prizes!

4:00 pm – The 2022 IT Summit & Tradeshow ends.

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Details Delivered

The Keynote will be in the Vermont / New Hampshire Hall, and attendees in that space may ask questions during Q&A.

In addition, keynote video/audio will be streamed in the Connecticut & Rhode Island Rooms, and near the podium in the Casco Bay Hall.

Please feel free to spread out with your boxed lunches to these areas.

Keynote Speaker:

Bill Pierce

Chief Information Office, The Jackson Laboratory



“Agility and Resilience in an age of Complexity”

Bill Pierce draws an arc of what we thought the boundaryless company was supposed to bring us, compared to the aftermath of the crushing impact of contemporary increased complexity, volatility, and unpredictability. He then refocuses us on how enterprises can shed certain legacy behaviors to navigate and move intentionally across these disruptions, using a fresh take on digital platforms, and techniques of *composability* to foster resilience and innovation. Read Mr. Pierce's full keynote summary at the MTUG event page: mtug.org/summit/2022-summit#Keynote

About Bill Pierce:

Bill Pierce is Chief Information Officer for The Jackson Laboratory delivering cutting edge research and laboratory technology aimed at revolutionizing precision medicine and global health.

Previously, he was the head of Platform Solutions team at PAREXEL responsible for cloud based eClinical and Regulatory technologies and services to the pharmaceutical industry. Prior to PAREXEL, Bill was the CIO of two Clinical Research Organizations driving their technology strategy, clinical technologies, and global expansion.

In addition to his Life Sciences career, Bill brings experiences from a lengthy financial services career at Fidelity Investments and Goldman Sachs where he built proprietary investment analytics, simulations, and risk models aimed at proactive portfolio risk management and optimization.

Bill has a patent from his development of a B2B auction engine backed by Ebay. He followed a deep family military tradition and held the rank of Captain in the United States Marine Corps and holds a degree in Economics from Boston University.



In 2022, MTUG celebrates 10 years of the co-sponsored tech scholarship program, with over \$110,000 in donations in a decade. Be part of the future of tech in Maine. Visit mtug.org/scholarships

The 2022 Scholarship Awards

MTUG has worked with locally-involved businesses for 10 years to raise scholarships for students in year 3 or 4 of an IT-related program in the University of Maine System, with grants available for up to two years. We are grateful to our donors for their generous contributions, and to the University of Maine Foundation for administering the program. In 2022, twelve scholarships from nine sponsors, together with MTUG's partial match, bestowed grants to nine recipients for a total of \$16,000 in student scholarships. Our 2022 corporate donors were Connectivity Point, Consolidated Communications, GoNetspeed (formerly OTELCO), Lincolnville Communications, Maine Employers Mutual Insurance (MEMIC), Norway Savings Bank, Systems Engineering (three scholarships), Tyler Technologies (two scholarships), and Versant Power. **Thank you, donors!**

Recipients

A warm thank you for our 2022 Scholarship donors and administrators:



2022 MTUG–Connectivity Point \$1,000 Scholarship:

Caleb Ames of Westfield, Maine. Caleb is a Junior Computer Science major at the University of Maine in Presque Isle.

2022 MTUG–Consolidated Communications \$1,500 Scholarship:

Alexandra Gale of South Berwick, Maine. Alexandra is a Junior Computer Science major at the University of Maine in Orono, and a second year scholarship recipient.

2022 MTUG–GoNetspeed (OTELCO) \$1,500 Scholarship:

Graham Bridges of Wells, Maine. Graham is a Junior Computer Science major at the University of Maine in Orono, and a second year scholarship recipient.

2022 MTUG–Lincolnville Communications \$1,500 Scholarship:

Jarred Jones of Caribou, Maine. Jarred is a Senior Computer Science major at the University of Maine in Presque Isle.

2022 MTUG–Maine Employers Mutual Insurance (MEMIC) \$1,500 Scholarship:

Alex Johnson of Northport, Maine. Alex is a Senior Cybersecurity major at the University of Maine at Augusta.

2022 MTUG–Norway Savings Bank \$1,500 Scholarship:

Ryan Thomas of Hermon, Maine. Ryan is a Senior Cybersecurity major at the University of Maine at Augusta.

2022 MTUG–Systems Engineering \$1,000 Scholarship I:

Aidan Finnegan of New Sharon, Maine. Aidan is a Junior Computer Science major at the University of Maine Farmington.

2022 MTUG–Systems Engineering \$1,000 Scholarship II:

Christopher James of Wiscasset, Maine. Christopher is a Junior Computer Information Systems major at the University of Maine at Augusta.

2022 MTUG–Systems Engineering \$1,000 Scholarship III:

Thomas Clark of Waterville, Maine. Thomas is a Junior Computer Science major at the University of Maine Farmington.

2022 MTUG–Tyler Technologies \$1,500 Scholarship I:

Eli Murphy of South China, Maine. Eli is a Senior Cybersecurity major at the University of Maine at Augusta.

2022 MTUG–Tyler Technologies \$1,500 Scholarship II:

Nicholas Richardson of Wilton, Maine. Nicholas is a Senior Cybersecurity major at the University of Maine at Augusta.

2022 MTUG–Versant Power \$1,500 Scholarship:

Kacie Huber of Dresden, Maine. Kacie is a Senior Computer Information Systems major at the University of Maine at Augusta.

MTUG thanks Dr. Ron Brown, MTUG Scholarship Liaison and board member, for his efforts to raise awareness of this program, and to Holly Hatch and Dee Gardner of the University of Maine Foundation for organizing and allocating this year's scholarships.



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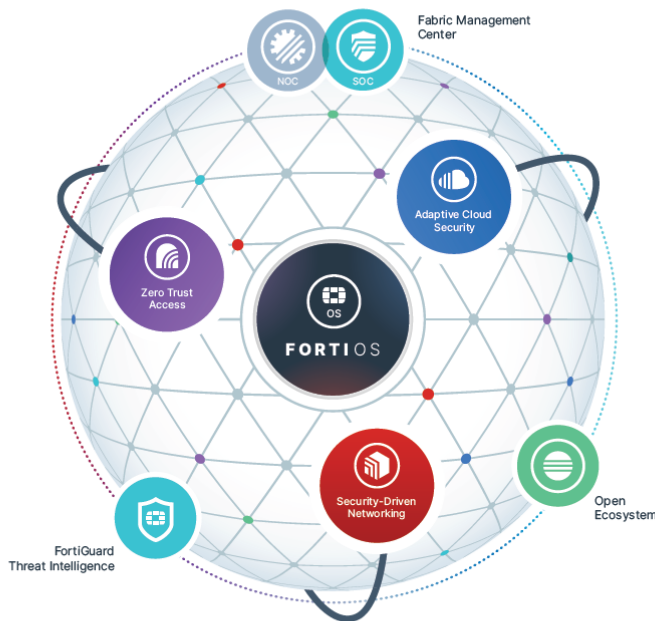
visibility and protection of the entire digital attack surface to better manage risk.

Integrated

solution that reduces management complexity and shares threat intelligence

Automated

self-healing networks with AI-driven security for fast and efficient operations.



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- SD-Branch
- Web Proxy
- SASE
- Wi-Fi
- Switching
- 5G/LTE
- And More...



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- SD-WAN for Multi-cloud
- WAF
- Email Security
- Workload / Container Security
- ADC / GSLB
- Anti-DDOS
- CASB



Fabric Management Center NOC / SOC

- Network Management
- Network Orchestration
- Network Monitoring
- Cloud Management



- Endpoint Protection
- EDR, XDR, MDR
- UEBA
- Sandboxing
- Deception
- Analytics
- SIEM
- SOAR

Summit Workshops At-A-Glance

All workshops are on the First Floor (lobby level).

Room & Track	Session A (9:15 – 10:15 AM)	Session B (11:15 AM–12: 15 PM)	Session C (2:15 – 3:15 PM)
I.T. INFRASTRUCTURE Track			
Connecticut Room	SD-WAN: The New Network Swiss Army Knife <i>Lori Evanstad, Consolidated Communications; Matt Gaudette, Irving Oil</i> TECH SKILL LEVEL: Intermediate	Automating Network Management at Bates College <i>Bruce Hall, Bates College</i> TECH SKILL LEVEL: Intermediate	
DISRUPTION Track			
Rhode Island Room	Security and Privacy by Design in a Legacy IT World: How considerations for Privacy disrupt business practices with a panel of legal experts from Tyler Tech TECH SKILL LEVEL: Basic	Disrupting the Veterinary Industry: Leveraging Technology to Reimagine the Veterinary Experience. <i>Jeremy Halperin, Rarebreed Veterinary; Matt Malitsky, ATX Advisory Services</i>	Collaboration & Control: The Disrupted Hybrid Workplace. <i>Roo Dunn, H+K Strategies / WPP; Kean Brown, Kyndryl (form. IBM)</i> TECH SKILL LEVEL: Intermediate
SECURITY Track			
Massachusetts Room (past NH/VT Keynote room)	Using Microsoft Defender for Endpoint to Enhance your Device Security. <i>Chris Rhoda, Thomas College</i> TECH SKILL LEVEL: Intermediate	Third Party Compromise: Lessons from the Okta Breach <i>Cheryl Biswas, Threat Intelligence Specialist, TD Bank</i> TECH SKILL LEVEL: Basic	The MITRE ATT&CK Framework & how to use it: A Conversation. <i>Michael Davis, Cambridge Computer Services; Neal Richardson, Hillsboro-Deering School District</i> TECH SKILL LEVEL: Basic
Connecticut Room			Six Degrees From KEV: The Art & [Data] Science of Patch Management Prioritization <i>Bob Rudis, with James Troutman</i> TECH SKILL LEVEL: Advanced
WORKFORCE DEVELOPMENT Track			
Port of Call Lounge	The Only Constant is Change: High Velocity Continuous Deployment on AWS <i>Christopher Falk, MPX</i>	Recruitment, Retention & ROI: How to turn your Brand into a powerful HR tool <i>Liz McLellan, Connectivity Point; Paula Mahony, Words @ Work</i>	Yeah, Maine can train that! Skilling your workforce for the 21st century. <i>Barry Magda, Central ME Community College; Kate McPherson, Hubspot</i>



Workshops Rooms / Spaces:

All Workshops are on the Lobby Level / 1st Floor of the Holiday Inn by the Bay, 88 Spring Street, Portland, ME.

The Lounge portion of the Port of Call Restaurant is to the right of the elevators.

Educational Workshop Descriptions

I.T. INFRASTRUCTURE Track

SD-WAN:

[9:15am – Connecticut]

The New Network Swiss Army Knife

TECH SKILL LEVEL: Intermediate

The COVID-19 pandemic made it clear for many business owners just how important networks, and especially the Internet, have become. SD-WAN is a mature technology that has displaced the traditional approach to networking with many benefits, including radically improved resiliency and visibility across the enterprise. Irving Oil will present their reasons for adopting SD-WAN, how it was successfully integrated into their existing WAN environment, and how it has enabled their organization's success in the past year and a half. The presentation will include a view of an SD-WAN network, including the visibility into network performance, throughput, and real-time events.

Lori Evenstad, Solution Consultant – Consolidated Communications

Matt Gaudette, Infrastructure Solutions Manager – Irving Oil

Automating Network Management at Bates College

[11:15am – Connecticut]

TECH SKILL LEVEL: Intermediate

Maintaining consistency in the configuration and deployment of network devices can be a challenge. Bates College is using git and ansible to do this for a few hundred switches and routers. "git" is an open source code management system designed by Linus Torvalds specifically for development using multiple authors. "ansible" is an open source software provisioning tool. While they are being used at Bates to develop and deploy Juniper Junos configuration files, they can and are used for many other applications in many organizations.

Bruce Hall, Network Administrator – Bates College

DISRUPTION Track

Security and Privacy by Design in a Legacy IT World:

[9:15am – Rhode Island Room]

How considerations for Privacy disrupt business practices

TECH SKILL LEVEL: Basic

In the world of for-profit Technology companies Security is normally considered an unwelcome expense. Add in rapidly changing requirements around Privacy and you can suddenly find your organization experiencing financial and reputation pain that could have been minimized or avoided. You do that by planning Security and Privacy into the Design of your products and operations. Let's talk about what that looks like.

Jockel Carter, Internal Security Architect – Tyler Technologies

Andrea Fravert, Director, Legal Affairs – Tyler Technologies

Brooke Grant, Senior Corporate Attorney – Tyler Technologies

John Wright, Senior Corporate Attorney – Tyler Technologies

Disruption Track, continued...

Disrupting the Veterinary Industry: [11:15am – Rhode Island Room]
Leveraging Technology to Reimagine the Veterinary Experience

During this presentation we will discuss how Rarebreed Veterinary Partners is leveraging an innovative software environment to rapidly acquire and integrate vet practices onto their consolidated platform. Rarebreed's value proposition is to enable veterinary practices to operate more efficiently and effectively by utilizing enterprise-level technology and benchmark data. This discussion will include an overview of the deployment of NetSuite ERP for back-office operations along with integrations to practice management systems (PMS), aggregated business analytics, and more.

Jeremy Halperin, Chief Technology Officer – Rarebreed Veterinary Partners

Matt Malitsky, Senior Consultant – ATX Advisory Services

Collaboration & Control: [2:15pm – Rhode Island Room]
The Disrupted Hybrid Workplace

TECH SKILL LEVEL: Intermediate

Our world has shifted dramatically from the start of lockdowns in March 2020. Complicating this was the Russian invasion of Ukraine in February 2022. The way we work together, how we collaborate, our total ways of working with those whom we lead, and those whom we support continues to be disrupted. Our job is to interactively achieve those expectations while ensuring a data safe environment.

Kean Brown, Solutions Architect /Technical Delivery Manager – Kyndryl (formerly IBM)

Roo Dunn, Technology & Telecommunications Manager – Hill+Knowlton Strategies/WPP

SECURITY Track

Using Microsoft Defender for Endpoint [9:15am – Massachusetts Room]
to Enhance your Device Security

TECH SKILL LEVEL: Intermediate

Have you ever wondered how to prioritize the various security updates needed by devices in your organization? Attend this session to see how Thomas College, with over 550 Windows, Mac, and iOS devices and only 4 full-time IT staff use cloud-based tool Microsoft Defender for Endpoint (formerly Defender ATP) to easily identify, prioritize, and reduce security and software vulnerabilities on their Windows, MacOS, iOS and Android Endpoint devices.

Chris Rhoda, VP of Information Services and Strategic Initiatives and CIO – Thomas College

Third Party Compromise: Lessons from the Okta Breach [11:15am – Massachusetts Room]

TECH SKILL LEVEL: Basic

Starting with an overview of the recent Okta security breach, the talk then introduces the threat actor group "Lapsus\$". Analysts wondered how this new group, which only emerged in late 2021, managed to compromise and steal data from a growing list of major victims, including Nvidia and Vodafone. It comes down to "how did they get in". We will discuss the rise in use of initial access brokers by cyber criminals especially in ransomware attacks. Lapsus\$ found the perfect way in through the compromise of Okta, which is used to secure access and sign on to accounts. We then cover how compromise via trusted third parties is a growing risk and why it can impact any organization. Then, we will walk through the stages of attack for the Okta breach, and show the downstream victim impact. Finally, we will discuss some steps organizations can take to improve their security posture.

Cheryl Biswas, Threat Intelligence Specialist – TD Bank

The MITRE ATT&CK Framework and how to use it:

[2:15pm – Massachusetts]

A Conversation

TECH SKILL LEVEL: Basic

Cambridge Computer's Security Practice lead will review the MITRE ATT&CK Framework and the toolset that MITRE offers to one of our customers from the Hillsboro-Deering School District. The team will highlight how some of these tools can assist in planning, executing, and adapting your IT/Security and business continuity strategy.

Michael Davis, Sr Solutions Architect and Security Practice Lead – Cambridge Computer Services
Neal Richardson, Director of Technology/CISO – Hillsboro-Deering School District

Six Degrees From KEV:

[2:15pm – Connecticut]

The Art & [Data] Science of Patch Management Prioritization

TECH SKILL LEVEL: Advanced

"The modern vulnerability landscape is fraught with peril. Critical weaknesses are being discovered faster than ever and attackers are exploiting many of them within 24 hours of release. Unfortunately, even modest-sized organizations are unable to keep up with patching everything, but it's been challenging coming up with a robust prioritization scheme to help balance safety & resilience against uptime and resource availability. Recently, free open-source datasets, metadata, and APIs have emerged that can help security teams understand which vulnerabilities need to be patched right now and which ones can be postponed when more resources are available."

Bob Rudis, Head of Data Science – GreyNoise Intelligence
James Troutman, Director of Technology, ISP – Tilson Technology Management

I.T. WORKFORCE DEVELOPMENT Track

The Only Constant Is Change

[9:15am – Port of Call Lounge]

High Velocity Continuous Deployment on AWS

The journey of 1000 miles begins with one step; to bring about a grand vision, deploy changes in small but rapid increments. In this session we will discuss the philosophy of continuous integration and deployment (CI/CD) for both code and cloud infrastructure and walk through an example of its implementation on Amazon Web Services for a custom PHP ERP application.

Chris Falk, CIO – MPX

Recruitment, Retention & ROI

[11:15am – Port of Call Lounge]

How to turn your Brand into a powerful HR tool

When you know what your Brand's vision and mission are and what the true value you offer your customers is, and you share that with ALL of your employees, MAGIC HAPPENS. In this workshop, Paula and Liz will walk you through the rationale behind the importance of defining and sharing your brand, share real world examples, and lead an exercise to get you thinking on the relevance of your brand. They will show how using brand language can change how you recruit, increase retention, and ultimately improve your ROI.

Paula Mahony, President & Chief Strategist – Works@Work
Liz McLellan, Marketing Manager – Connectivity Point

I.T. Workforce Dev. Track, cont'd

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[2:15pm – Port of Call Lounge]

Among many options today for up-skilling your workforce or developing your own skills are grant funded and other programs available through the Maine Community College System. Currently there are many programs offered at low or NO cost to eligible participants. Among these opportunities are IT certifications, micro-credential badges, new skills, and if it is not on the shelf you can engage in custom training options at beginner to advanced levels, including soft skills. Join us to hear how, what, when and bring your own why!

Barry Magda, Computer Curriculum Designer & Trainer – Central Maine Community College
Kate McPherson, Customer Support Specialist – HubSpot

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For each Workshop you attend, please remember to sign in OR leave a Workshop Sign-In Slip (for pre-registered attendees, there are 3 slips in your badge holders).

All workshops have paper certificates available in limited numbers. If you would like a certificate after the Summit, please email details to MTUG at programs@mtug.org, and a PDF will be sent to you.

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Action Item: Follow up with Gemma about updating announcement email.

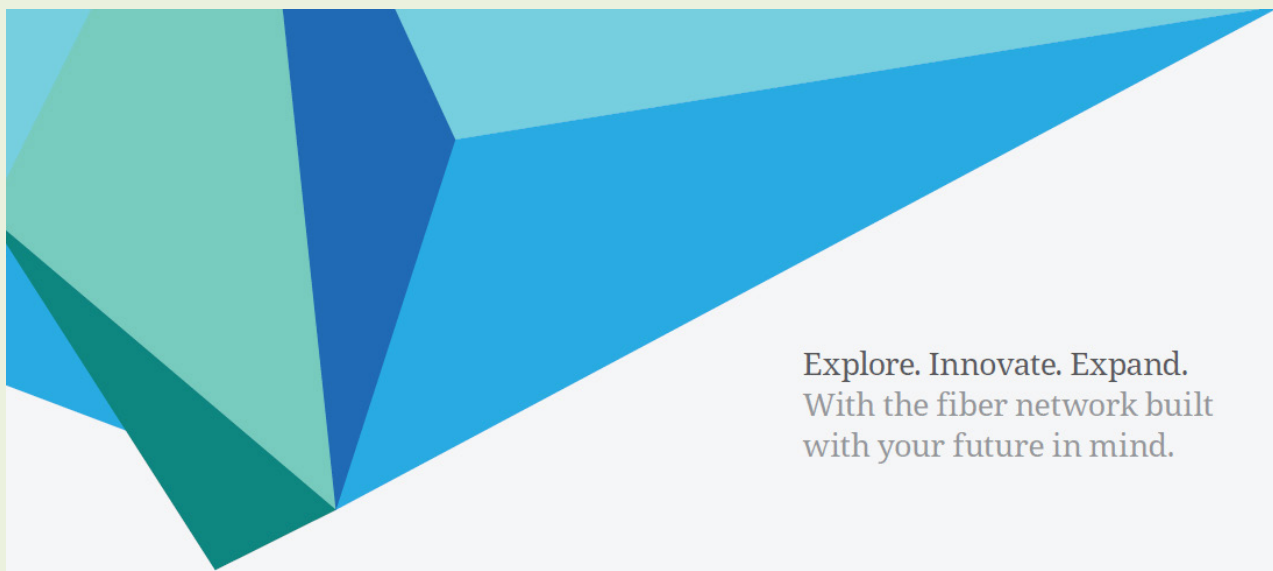
Transcript



Michelle Chen
The new prototype looks really good. @Aarav, did you see it yet?



Aarav Prasad
Yeah, they did a good job. Let me add Geoff to the meeting so we can review the latest tweaks. Give me one sec.



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The Maine Technology Users Group – History and General Information

35 years ago, in January 1987, under the sponsorship of the University of Southern Maine, representatives from various Maine businesses and organizations established the Maine Telecommunications Users Group.

In the winter of 2013, MTUG's name was changed to the Maine Technology Users Group to better reflect the scope of issues it addresses, and changes in the industry.

The following guidelines constitute MTUG's framework:

- MTUG organizes and supports informal and formal information technology training and networking events.
- MTUG holds regular meetings with topics of interest to both large and small IT consumers and producers. Meetings are normally held from September through April of each year.
- MTUG constituents share their ideas, experiences, and best practices of a wide variety of technical issues and topics.
- MTUG provides economic benefits to its constituents, Maine businesses and residents by working with technology and telecommunications providers and legislative and regulatory agencies to enhance the information technology infrastructure and services available in Maine.
- MTUG supports the work of other not-for-profit users groups and technology advocacy groups across the region
- MTUG alerts members to security issues such as scams or other fraudulent activities.
- MTUG shares information about IT job openings.
- There is no membership fee to participate in MTUG's regular monthly meetings. Meeting notices are sent via email to everyone who joins our mailing list at www.mtug.org, and are announced on MTUG's LinkedIn Group, as well as other online media outlets.

MTUG's current audience includes over 1 600 individuals, made up of about 43% end-users (including IT professionals and managers in non-IT service/product organizations), 48% vendors (including regulated utilities and Internet service providers), 7% consultants, and 2% government representatives.

The MTUG Information Technology Summit (formerly the Telecommunications and Computer Networking Conference), held in late spring or early summer, culminates the year's activities. The Summit offers an opportunity for IT professionals from a wide range of business interests to come together in an educational and congenial setting to exchange information and ideas.

Do you know someone who could benefit from MTUG's programs and services? Do you have an idea for a workshop topic? Do you just have questions and want to get involved? Contact Kate Carpenter, Executive Director at kcarpenter@mtug.org or 207-370-5327. Alternatively, visit us online at www.mtug.org to sign up for our newsletter, see our past meeting archives, or check out our job board. Also join the conversation at our LinkedIn group – found via our Get Involved page.

Thank you for attending the 2022 MTUG IT Summit & Tradeshow!

Thank you to Our Volunteer Presenters, Contributors & Helpers Year-Round

Numerous contributors allowed MTUG to successfully deliver interesting, novel educational programming to the Maine tech community these past three seasons – and most valuably during the pandemic. This list is not exhaustive, but it shows what a great team effort it is.

THANK YOU, ALL!

FOR TEACHING US, SINCE LAST WE GATHERED:

September 5, 2019 Portland Peers & Beers: Will Kilbreth, Community Health Options, with John Holland, Colin Little, James Harder & Joe Bourgault: "[Intro & Demo to Tabletop Exercises \(ITX\)](#)." **Cosponsored by Centripetal.**

September 25, 2019 MTUG Webinar: Nick Batista, The Island Institute, and **Peggy Schaffer**, ConnectME Authority: "[Broadband Progress in Maine](#)."

October 9, 2019 MTUG Webinar: Justin Hogue, LEC, Inc.: "[Industrial IoT SCADA and Security Considerations](#)."

October 23, 2019 MTUG Waterville Peers & Beers: Frank Appunn, InfraGard / Thomas College "[Preventing Your Next Cyber Loss](#)" **Cosponsored by Robert Half Technology.**

November 13, 2019 MTUG Webinar: Joshua Broder, Tilson Technology, and **Thomas Hulings**, US Cellular: "[5G Deployment Strategies, Capabilities, & Use Cases](#)."

December 11, 2019 MTUG Webinar: Heather Bouffard, Community Health Options: "[Internal Collaboration Tools - which one is right for my organization?](#)"

January 15, 2020 MTUG Webinar: Aaron Scifres, L.L. Bean: "[Agile in the Trenches: A Technologist's View of Agile in the Real World](#)."

January 29, 2020 Saco Peers & Beers: Rob Simopoulos, Defendify: "[Launching a Tech Startup in Maine](#)." **Cosponsored by FirstLight**

February 26, 2020 MTUG Webinar #6: Jeremy Qualls, Univ. of Southern Maine & **Amanda Rector**, Maine State Economist: "[Economy, Demographics, & Meeting Maine's Tech Workforce Needs](#)."

March 25, 2020 MTUG Webinar: Amanda Downing, L.L. Bean & **Roo Dunn**, H&K Strategies: "[MS Teams: Remote Collaboration in the Time of Pandemic](#)."

April 29, 2020 MTUG Webinar – BYO Tech & Nosh: Sam Guadet, Tanium: "[A SmartHome Walk-Thru](#)."

May 27, 2020 MTUG Webinar: Jim Troutman, Northern New England Neutral Internet Exchange (NNENIX): "[DNS New World Order - QuadX! DoH! DoT!](#)."

June 24, 2020 MTUG Webinar: Andrew Butcher, Greater Portland Council of Governments & Maine Broadband Coalition & **Lisa Shaw**, Maine State Library: "[Maine's Internet Infrastructure, Libraries & Workforce - the Impact of COVID-19, and the July Bond Vote](#)."

July 22, 2020 MTUG Webinar: David Andrews, Mass Property Insurance & **Brian McCarthy**, Whalley Computer Associates: "[Business Continuity in the Cloud - Disaster Recovery as a Service](#)."

August 19, 2020 MTUG Webinar: Megan Dichter, Maine Dept of Education, **Dr. Gail Senese**, Maine DOE Adult Education, **Dr. Claire Sullivan**, University of Maine System: "[Maine IT Micro-Credentials](#)."

September 2, 2020 MTUG Webinar: William Wade, Dirigo Software Solutions: "[Upgrading Your Scripting Toolkit](#)."

September 30, 2020 MTUG Webinar: Joshua Moss, US Coast Guard Reserve & **Jockel Carter**, Tyler Technologies: "[HACK the SHIP - the Security, Functionality, Usability Triangle Gone Wrong](#)"

FOR SUPPORTING US AS BOARD MEMBERS:

October 14, 2020 MTUG Webinar: Frank Appunn, InfraGard Maine / Thomas College & **Barb Armstrong**, InfraGard Maine / MaineHealth: "[Cyber Threats vs. Humans & the Future.](#)"

December 16, 2020 MTUG Webinar: Larry Cushing (for SMMUG), **Ben Allen** (for DC207), **Dave Moran** (for AgileMaine), **Gary Soucy** (for (ISC)² Maine Chapter): "[Tech User Groups - Catalyzing the Maine Tech Community.](#)"

January 27, 2021 MTUG Webinar: Kara Alessi, IDEXX & **Kyle Glover**, Pierce Atwood: "[Legal Considerations for Technology Contracting.](#)"

February 24, 2021 MTUG Webinar: Jamie Popkin, Digital Business Strategist: "[Decision-Making in a Crisis - Preparing for Your Next Tech Disaster.](#)"

March 18, 2021 MTUG Webinar: Frank Appunn, InfraGard / Thomas College & **Douglas Mauro**, FirstLight: "[The SolarWinds Hack - What We Know, and What to Look for Next.](#)"

April 29, 2021 MTUG Webinar: Kevin Callahan, Interaction Agility, **Jennifer Thomson**, Liberty Mutual Insurance & **Katherine Warren**, Maine Dept of Education: "[Managing Complexity in Tech Projects.](#)"

July 1, 2021 MTUG Webinar: Jockel Carter, Tyler Technologies, and **Gary Soucy**, (ISC)² Maine Chapter / Tyler Technologies: "[How to Create an Incident Response Exercise.](#)"

July 28, 2021 MTUG Webinar: Kate Howell, Maine Career Catalyst Program of Educate Maine & **Angela Oechsle**, Project>Login, Educate Maine: "[Accelerating Tech Internships in Maine.](#)"

October 27, 2021 MTUG Webinar: Ben Allen, Trinity Health / DC207: "[Learn to Hack Modern Websites with OWASP Juice Shop.](#)"

December 8, 2021 MTUG Webinar: William Wade, Dirigo Software Solutions: "[Adding No Code / Low Code Solutions to your IT Toolkit.](#)"

April 13, 2022 MTUG Webinar: Frank Appunn, InfraGard Maine Chapter, "[Laws, Global Risks Abroad & At Home, Threat Hunting & Prevention.](#)"

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Curtis Ingraham, former MTUG board; volunteer
Mark DiGiovanni, ATX Advisory, for facilitating a great board retreat

Alexandra Heseltine, GCMD, MTUG Website

Patricia Pyle & Linda Easterbrooks, community tech events maintenance

Marita Fairfield, finance, outreach

Dick Curry, former MTUG Treasurer; volunteer

Ben Allen, Frank Appunn, Jockel Carter, William Wade, Gary Soucy for being ready to fill in with webinar topics during the pandemic.

For sharing ideas about events in a pandemic:
Maine Indoor Air Quality Council, New England Veterinary Medical Association, and MEREDA.

Exhibitors in Casco Bay Hall

Please visit our Tradeshow Floor to learn more about our Exhibitors' products and services.

MTUG's Summit and year-round educational events wouldn't be possible without them!

Visit all our exhibitors and have them checkmark their spot on the IT Summit "Grand Prize Passport" to enter the MTUG Grand Prize Drawing **(an ECOFLOW RIVER 288Wh Portable Power Station worth \$350!)**.

AND many exhibitors have their own door prize offerings too!

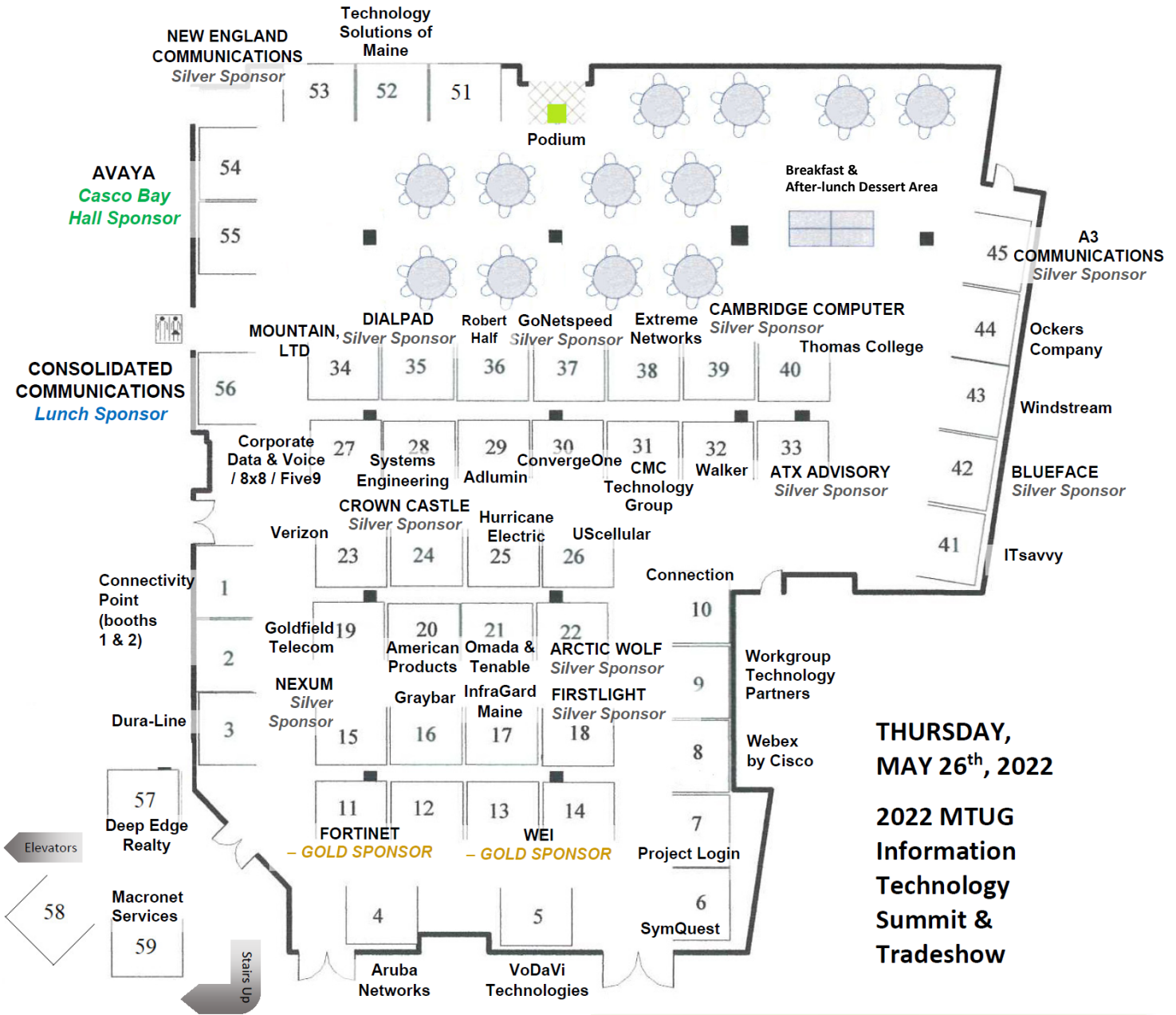
Company	Booth #	Company	Booth #
☆ A3 Communications, Inc. (SILVER Sponsor)	45	Graybar - Mobility	16
Adlumin	29	Hurricane Electric	25
American Products	20	InfraGard – Maine Chapter	17
☆ Arctic Wolf (SILVER Sponsor)	22	ITSavvy	41
Aruba Networks	4	Macronet Services	59
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CMC Technology Group	31	Project > Login, Educate Maine	7
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Connectivity Point	1 & 2	SymQuest	6
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ConvergeOne	30	Technology Solutions of Maine	52
☆ Crown Castle (SILVER Sponsor)	24	Thomas College	40
Deep Edge Realty	57	UScellular	26
☆ Dialpad (SILVER Sponsor)	35	Verizon	23
DuraLine	3	VoDaVi Technologies	5
Extreme Networks	38	Walker	32
☆ FirstLight (SILVER Sponsor)	18	Webex by Cisco	8
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Goldfield Telecom, with nonprofit guest, GiveIT.GetIT.	19	Windstream Enterprise	43
☆ GoNetspeed (SILVER Sponsor) [formerly Otelco]	37	Workgroup Technology Partners	9

Sponsors who are not exhibiting:

- ★ LCI – Lincolnville Communications – Lighthouse Sponsor
- ★ AHEAD – Bronze Sponsor
- ★ Maine Technology Institute – Bag Sponsor
- ★ Pierce Atwood – Lanyard Sponsor
- ★ MPX – Brochure Sponsor
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Casco Bay Hall Exhibit Floor Booth Map

Casco Bay Hall Sponsor: AVAYA



**THURSDAY,
MAY 26th, 2022**

**2022 MTUG
Information
Technology
Summit &
Tradeshow**

Casco Bay Hall Foyer/Entrance

More Booths in Foyer.

Stairs/Elevators to Registration & Workshops & the Summit Keynote in Vermont/New Hampshire Hall

Boxed Lunches distributed in hall outside Keynote doors.

*Spaces #46-50 removed to allow for spaced seating during breakfast, lunch, and dessert/snack periods.

And please visit our non-exhibiting Sponsors online!

Go to www.mtug.org/techsummit and scroll to the sponsor logo.

Click any sponsor logo to visit their website.

Lighthouse Sponsor: LCI / Lincolville

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2022 MTUG Information Technology Summit & Tradeshow

A Program of the Maine Technology Users Group

Thursday, May 26, 2022, 7:30 am – 4:00 pm

Holiday Inn by the Bay, 88 Spring Street, Portland, ME 04101

Registration fee:

Advanced Purchase \$60

At the Door (space permitting): \$65

Tech Student Rate (by Tues 5/24/22) \$25

Military Rate (by Wed 5/24/22) \$45

(special rates may require credential upload; see details at www.mtug.org/techsummit)

Registration includes (for all attendee types):

- Continental breakfast
- Boxed lunch and afternoon dessert
- Selection of 12 workshops across 4 tracks
- Tradeshow floor of approximately 50 tech vendors
- Tradeshow door prizes!

Register today! mtug.org/techsummit

Post-Summit Evaluation

MORE PRIZES! After the Summit, please fill in our Summit Evaluation and be entered to win another prize – a \$50 Amazon Gift Card!
www.mtug.org/summit-evaluation



The Wireless Internet Password for the Holiday Inn Portland Downtown is:

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What is MTUG?

The Maine Technology Users Group (MTUG) is an independent, non-profit organization dedicated to bringing IT professionals and business leaders together to network, educate, and share technology experiences. The MTUG Information Technology Summit and Tradeshow, usually held annually in the spring, is Maine's largest business technology event, and provides an opportunity for professionals with varied interests to participate in educational sessions and exchange information and ideas.

For more information about MTUG monthly meetings and services, visit www.mtug.org.

Directions to the Holiday Inn by the Bay: From I-295 in Portland, take Exit 6a (Forest Ave/Rt 100 South). Take the first right to State Street through Deering Oaks Park. Follow State Street up the hill several lights. After the Congress Street light, take the left at the next light onto Spring Street. The Holiday Inn by the Bay is a few blocks down, with the garage beyond it on the right. **Parking:** Garage Parking on event day is a special MTUG rate of \$5 until 5:30pm. For more parking info, go to the end of the Summit webpage at <https://www.mtug.org/techsummit#Parking>. If you need special assistance to participate fully in this Summit, please contact MTUG's Executive Director, Kate Carpenter at 207-370-5327 (call or text) or by email: kcarpenter@mtug.org.