



Meeting Minutes
Maryland Cybersecurity Council
Subcommittee on Critical Infrastructure
Monday, October 4, 2021
1:00 pm – 2:00 pm
Virtual Public Meeting

Member Attendance (8/12)

Subcommittee members attending: Markus Rauschecker (chair), John Abeles, Dr. David Anyiwo, Jessica Curtis and Bryant Wu (for David Engel), Cyril Draffin, Terri Jo Hayes, Fred Hoover, and Clay House.

Guest presenters: Randall Cunningham (Public Safety Manager, Department of Emergency Services, Howard County, and chair, ENSB Cybersecurity Committee), Josh Jack (Mission Critical Partners), and Ed O'Donnell (Associate Professor and University Librarian at University of Maryland Global Campus).

Staff: Howard Barr (Assistant Attorney General and Principal Counsel, DoIT), Laura Corcoran (NSA Fellow), and Dr. Greg von Lehmen (University of Maryland Global Campus, Staff to the Maryland Cybersecurity Council)

Meeting Summary

1. The chair welcomed the members, asked for a roll call of the committee to confirm a quorum, and reviewed the agenda.
2. The minutes for the 03 April 2020 meeting of the subcommittee were unanimously approved after motions duly made.
3. The subcommittee then turned to the other business on the agenda:

Updates

Whether the collection should be organized by control topics and include a navigation document for the site

Whether the collection is at a point to be actively advertised.

Action items:

Dr. Von Lehmen stated he would check with the university web team to see what changes they could make in the repository at this time and report back to the subcommittee.

Mr. Rauschecker asked the members to look at the site and let him know if it was ready to be advertised. He also suggested that the subcommittee confer with the Public and Community Outreach Committee (PACO) to see what strategies they might have in mind. Dr. von Lehmen indicated that he would raise that question at PACO's next meeting.

Mr. Abeles and Mr. Draffin stated that they had many resources to share about the energy sector in particular and would be willing to share them with Mr. O'Donnell for the collection. Dr. von Lehmen said that he would connect the three via email.

NextGen 911

Mr. Cunningham and Josh Jack provided the following overview:

Progress has been slow on the Cybersecurity Committee of the Maryland 911 Board. However, working groups are meeting on cybersecurity standards and best practices, training, reporting definitions get standardized data ('attacks' versus 'events'), and ESInet provider requirements.

Eighteen of the 24 PSAPs have chosen an ESInet provider. To date, the provider is either ATT or Motorola. There are six to eight providers nationally.

Several counties are likely to go live this year with the NextGen 911 system, including PG County, Montgomery County, Charles County, and St. Mary County. All counties should be live by the end of 2022.

Next Gen 911 will include capability for text messages, pictures, and video tags.

Mr. Draffin asked if there was a national standard for 911 operations. Mr. Randall stated that that is the vision, that 911 calls could be transferred anywhere. He was not sure that would require a national network. But there is a requirement that ESInet providers be able to transfer calls to each other. They will have to implement upgrades in order to achieve interoperability.

Mr. Hoover recalled the interruption in 911 service when ATT's Nashville center suffered damage in the bomb blast there. He asked whether there were redundancies to keep the same thing from happening in Maryland. Mr. Jack stated that ATT has been called to provide information to the 911 Board on the measures it is taking or has taken to ensure Maryland is more resilient. He said that it is an issue high on the board's list and that there will be more to come. Mr. Rauschecker asked if Mr. Cunningham and Mr. Jack could share the outcome with the subcommittee.

Mr. House asked whether the Cybersecurity Committee was addressing DDOS attacks. He noted that adding the capacity for text messaging that could carry pictures or videos expands the threat surface and could create the opportunity for congesting the network and slowing or interrupting 911 service. A DDOS attack could be automated. SMS spoofing would make traffic validation difficult. Mr. Cunningham and Mr. Jack indicated that they were sure this issue was being addressed.

NSA Fellow Report-out

He asked if there was further business. There being none the meeting was adjourned at 12:00 pm.

[Note: These minutes were approved at the June 1, 2022, meeting of the subcommittee.]