

MOTION

Recent cyberattacks on American cities have underscored their ability to impede and disrupt municipal operations. In April 2017, hackers were able to access Dallas's emergency warning sirens and set them off for approximately 90 minutes. To regain control of the system, Dallas had to take its sirens offline. Atlanta experienced the most severe cyberattack faced by an American city. In March 2018, a ransomware attack crippled city operations for five days. While some city operations remained unaffected, most operations had to be conducted manually. The following week, an unknown cyber actor breached Baltimore's 911 dispatch system. While the hack did not disrupt emergency operations, it did force incoming callers to be relayed manually instead of electronically.

As the City continues to apply technology to improve city services as a "smart city," its systems become more complex and interdependent. While expanded interconnectivity and the ability to leverage an ever-increasing amount of data hold great promise, these advancements also present increased cybersecurity risks. Breaches may impact a widening array of City operations from street lighting and traffic control to financial transactions.

Cities currently face a number of cybersecurity threats, from Denial of Service to malware or ransomware. These threats will evolve as malicious actors invent new tools and methods to gain access to City systems. The City should continue to ensure its systems, especially mission critical systems, have an acceptable level of protection against existing and emerging threats. The City needs to consistently evaluate the capacity of its technology and procedures to prevent and respond to cyberattacks.

I THEREFORE MOVE that the City Council instruct the Information Technology Agency, with the assistance of other appropriate departments as needed, to present a verbal report within 30 days on the City's current strategies to combat cyberattacks, including: the impact of recent cybersecurity threats on the City; how the City updates its strategies and defenses to respond to evolving threats; and steps the City is taking to ensure it has adequate response mechanisms to prevent catastrophic cyberattacks.

PRESENTED BY:

*Monica Rodriguez*  
MONICA RODRIGUEZ  
Councilmember, 7<sup>th</sup> District

SECONDED BY:

*De CR*

ORIGINAL

tcp

JUN 13 2018

*MC*