

INFORMATION, TECHNOLOGY, AND GENERAL SERVICES REPORT relative to the City's strategies for combating cyberattacks.

Recommendation for Council action, as initiated by Motion (Rodriguez – Ryu):

APPROVE the report presented by the Information Technology Agency (ITA) at the Information, Technology, and General Services Committee meeting held August 14, 2018 relative to the City's strategies to combat cyberattacks, including the impact of recent cybersecurity threats on the City, how strategies and defenses are updated to respond to evolving threats, and other steps taken to ensure an adequate response to catastrophic cyberattacks.

Fiscal Impact Statement: None submitted by the ITA. Neither the City Administrative Officer nor the Chief Legislative Analyst has completed a financial analysis of this report.

Community Impact Statement: None submitted.

SUMMARY

On June 13, 2018, Council considered Motion (Rodriguez – Ryu) relative to the City's strategies for combat cyberattacks. Motion states that recent ransomware cyberattacks breached or crippled municipal operation in other cities. As the City of Los Angeles continues to apply technology to improve services, 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.

Motion movers believe that 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 must consistently evaluate the capacity of its technology and procedures to prevent and respond to cyberattacks. Motion recommends that Council instruct ITA to report relative to the City's cybersecurity. Council referred Motion to the Information, Technology, and General Services Committee for consideration.

At its meeting held August 14, 2018, the Information, Technology, and General Services Committee discussed Motion with ITA. ITA staff presented a report covering the types of cyber threats and internet cyberattack players; ongoing actions undertaken by the City of Los Angeles to protect its data, systems, and employees; and, the roles played by various City Departments – including ITA – to protect vital City services. City of Los Angeles firewalls block three million automated cyberattacks per day. To improve the City's defense, ITA emphasized the importance of employee training and vigilance, as well as sharing information with law enforcement and private companies. ITA endeavors to not only protect the security of the City's digital data and networks, but also to help private companies and City residents defend themselves against cyberthreats. Working with other City Departments and law enforcement, ITA is developing predictive security strategies to thwart future cyberattacks.

The Information, Technology, and General Services Committee intends to continue its review of

this matter at future meetings. Committee recommended that Council approve the ITA report.

Respectfully Submitted,

INFORMATION, TECHNOLOGY AND GENERAL SERVICES COMMITTEE



<u>MEMBER</u>	<u>VOTE</u>
RODRIGUEZ	YES
BLUMENFIELD	YES
O'FARRELL	ABSENT

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-NOT OFFICIAL UNTIL COUNCIL ACTS-