

Cybersecurity Update



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ITALA

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~~Deputy:~~ ITA



Our “Cyber Footprint”

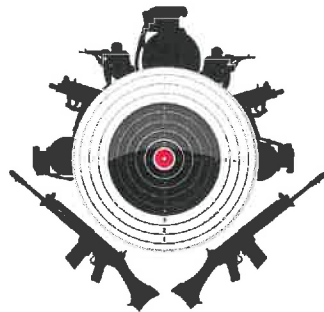
- World’s fifth busiest airport (LAX)
- High-profile police department (LAPD)
- Infrastructure supporting >4 million residents
- 48,000 employees
- 100,000 network connections

Their Motivation

Political



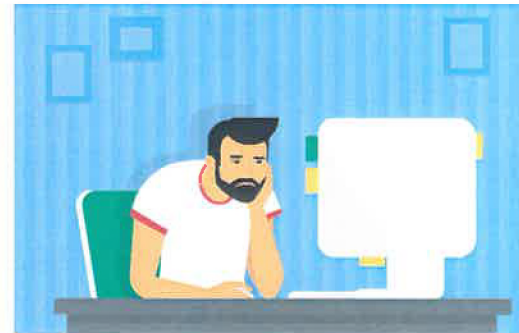
State Sponsored



Financial



Bored



Our Threats

- 5 new cyber threats per second (*TechCrunch, June 2018*)
- City analyzes ~700 Million events per 24 hours
- City blocks 3 million automated attacks per day!
- Focus on ransomware, social engineering

Our Strategy – Attack One, Attack All

Eric
Garcetti
#lamayor



ITALA



Los Angeles
World Airports

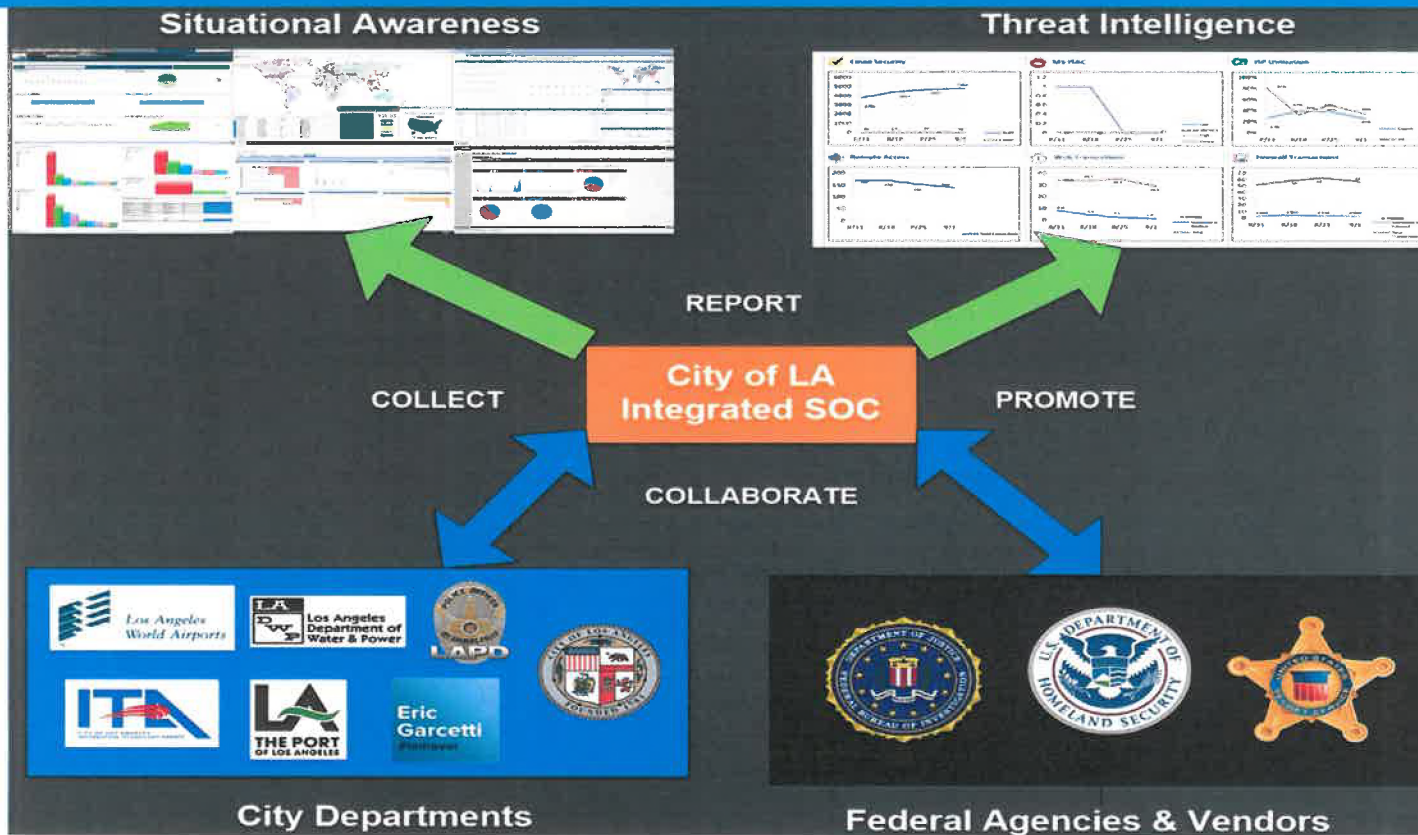


Los Angeles
Department of
Water & Power





Our Strategy – Integrated Defense



Our Future

- Critical Asset Protection
- Securing the Human
- “Predictive” Defenses (AI & Machine Learning)

Some Accomplishments...

- 2017 Cybersecurity Leadership & Innovation Award (CDG)
- 2017 Best Security Team (SC Magazine)
- 3 arrests in Indonesia (March 2018)



Our Community

- 3,500 L.A. cyber crimes, with \$14.3 Million in losses



Best Practices for L.A. Businesses

- Raise employee awareness
- Update & patch software
- Use a firewall
- Backup data and store offsite
- Join L.A. Cyber Lab (LACyberLab.org)

L.A. Cyber Lab (LACyberLab.org)



Q&A



Information Technology Agency
City of Los Angeles