

Evoluția  
amenințărilor  
cibernetice odată  
cu dezvoltarea  
inteligenței  
artificiale



# Predicții referitoare la IA

Convergența IA cu 5G va accelera dezvoltarea terapiei digitalizate

*“In 2018 we saw a great deal of hype around AI in healthcare but we also saw it become a reality—in everything from predictive analytics for chronic disease management, to workflow enhancement in radiology as well as administrative and financial use cases that bring operational efficiency. In 2019 we are going to see voice and video, coupled with AI, being used to help accelerate the shift of the point of care from the hospital, to the patient, wherever they are. The convergence of AI with 5G will also accelerate the development of digital therapeutics that are more personalized, adaptive and take advantage of AR and VR. Mental health and substance abuse treatment will be where we see early adoption. Clinicians that embrace AI as an augmenter or assistant, not as a threat of replacement or obsolescence, will be able to differentiate themselves both to their patients and their peers”*

Jennifer Esposito, General Manager, Health & Life Sciences, Intel

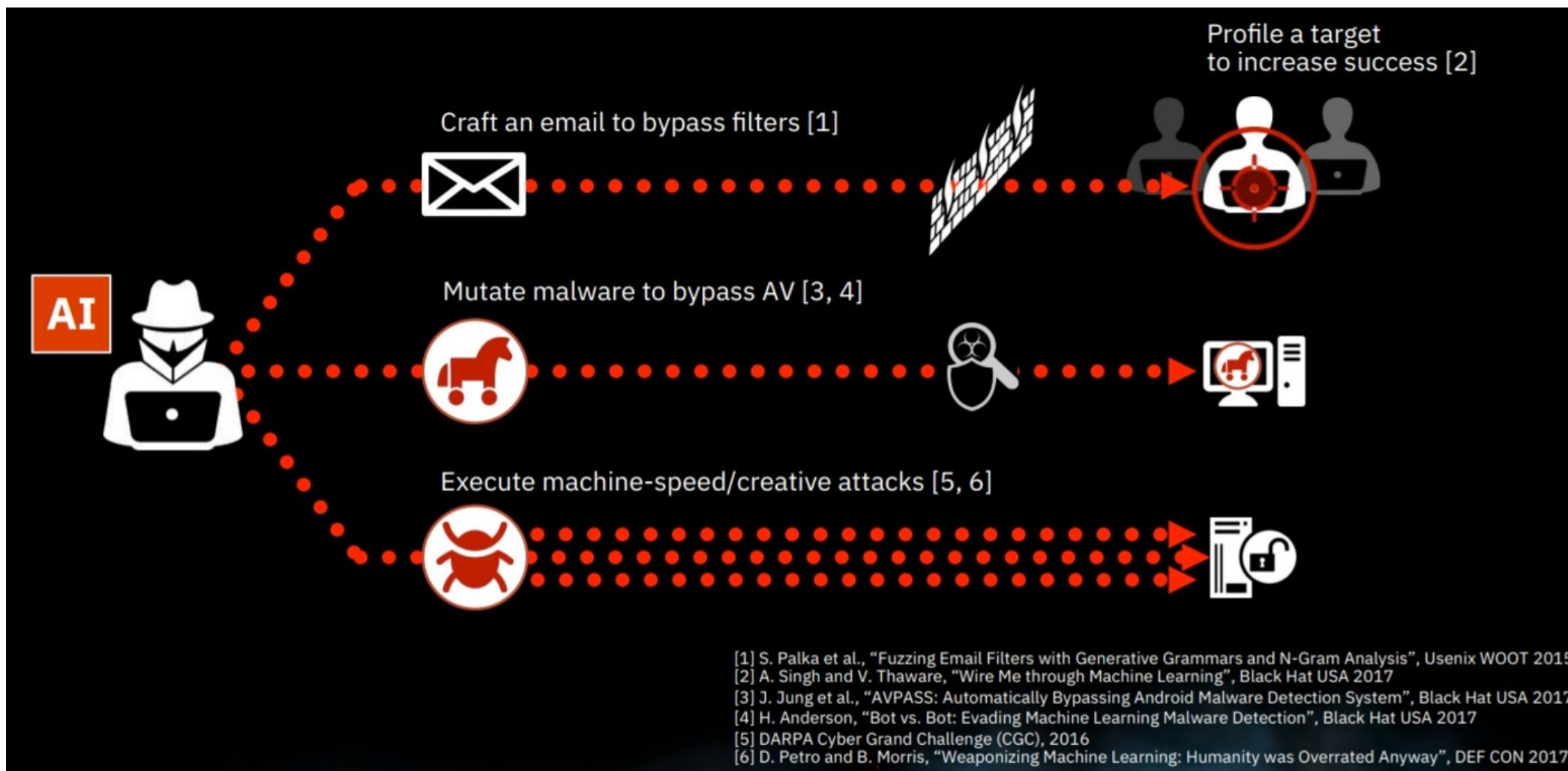
# Predicții referitoare la IA

## Atacuri cibernetice bazate pe IA

- Primele semne ale unor atacuri cibernetice bazate pe IA au fost observate în 2017 când o companie din India a suferit un atac cu o formă de malware ce folosea tehnici rudimentare de machine learning pentru a observa și a învăța modele de comportament al utilizatorilor din rețea.
- Între timp, tot mai multe atacuri cibernetice folosesc algoritmi inteligenți pentru tintirea victimelor și evitarea detecției.
- 62% dintre participanții la un sondaj efectuat la conferința Black Hat USA 2018 consideră că în următorul an vom observa cel puțin un atac cibernetic bazat pe IA.

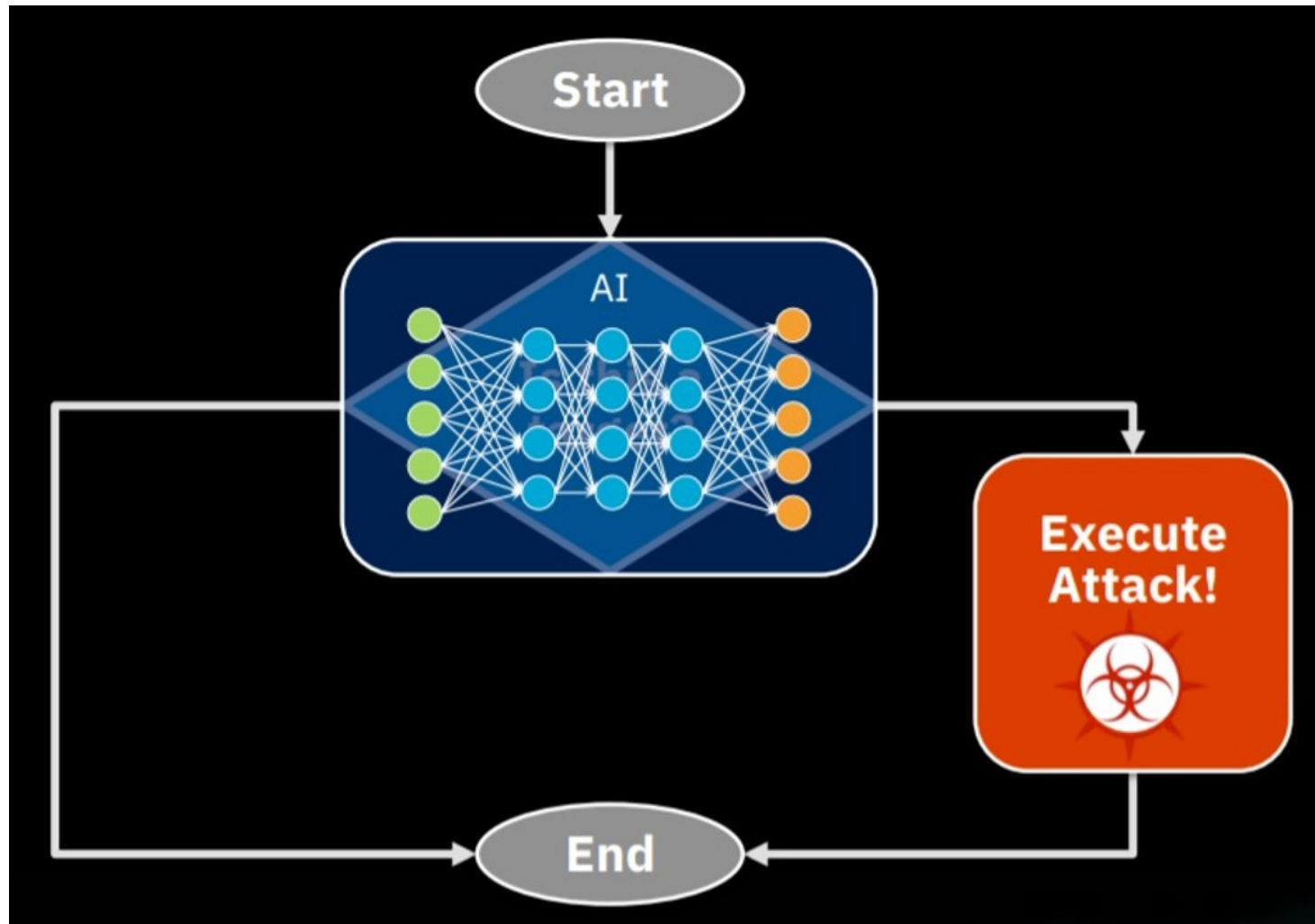
# DeepLocker

IBM research presented at BlackHat USA 2018



# AI-powered targeted attacks

Source: IBM research presented at BlackHat USA 2018



# Ce am putea face?

Big Data Security Analytics





<http://www.deliblogic.com/legends-big-data-security-analytics/>




# Vă mulțumesc!

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