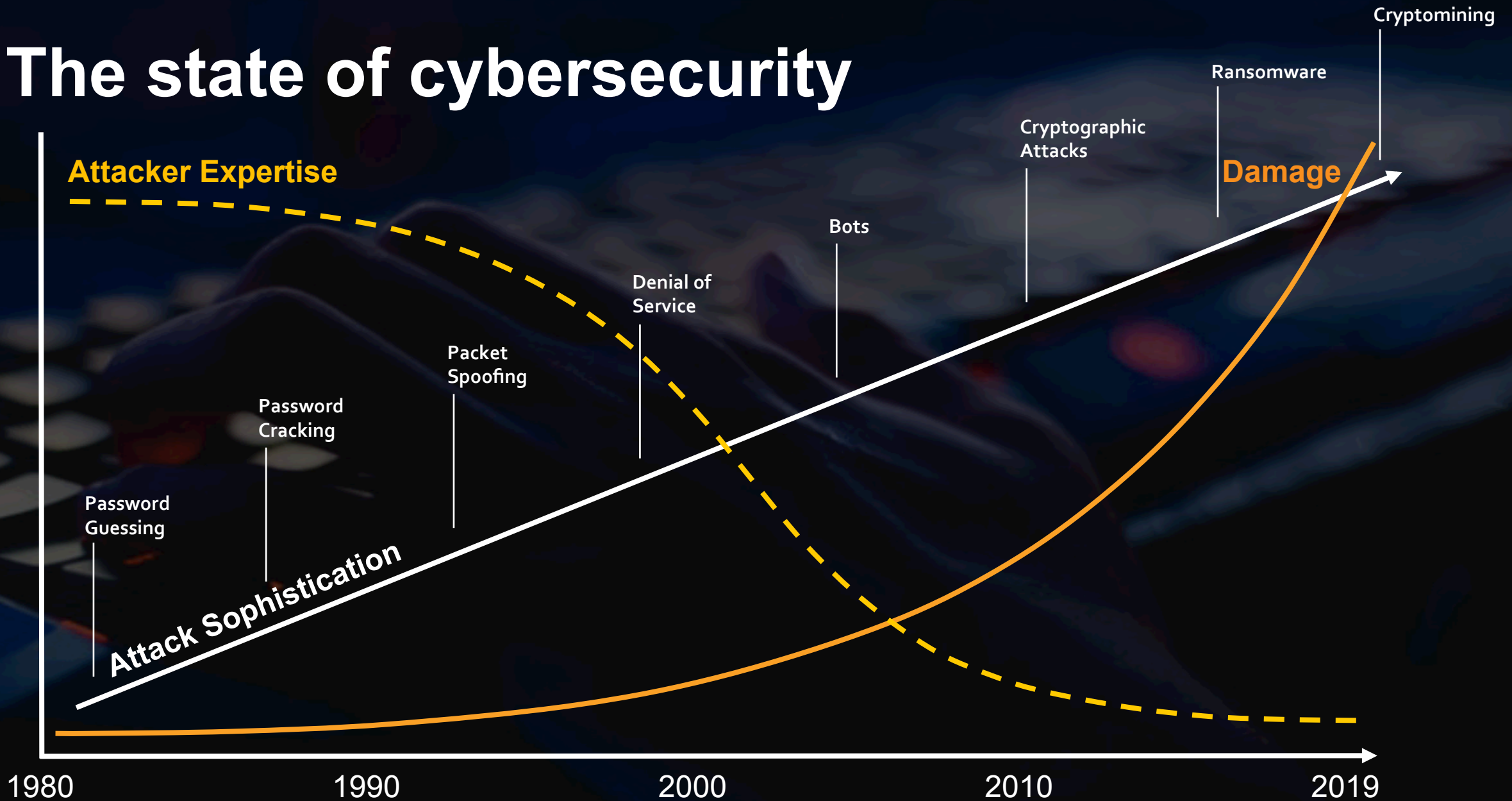




# Assume you're compromised and prove otherwise

Ricardo Villadiego  
Founder & CEO  
Lumu Technologies

# The state of cybersecurity



# And we're losing **the war**

Global Impact of Disease


Global Impact of Cyber Threats



TIME

66 Cybercrime will cost the world in excess of \$6 trillion annually by 2021, up from \$3 trillion in 2015.

- Cybersecurity Ventures 2019



66 The unacceptable time gap, 15 hours to breach a network yet 191 days to discover it.

# An avalanche of security vendors



A person wearing a hat and a white shirt with suspenders is seen from behind, looking at a large, complex maze that fills most of the frame. The maze is drawn in a light color on a dark background. The overall scene is dimly lit, with the person's back and the maze being the primary visual elements.

**Growth creates complexity,  
which requires simplicity**



**Adversaries benefit  
from complexity**



# The problem: A pervasive false sense of security



Security testing doesn't tell the story



Networks assessed with false assumptions



Compromises are as simple as clicking a link



Adversaries are already inside the networks



Time gap between breach and its detection

# The Roots of a **False Sense of Security**

**1**

Penetration testing results differ from exposure level.

**2**

Skills of ethical hackers differ from skills of adversaries.

**3**

Penetration testing is incomplete by nature.

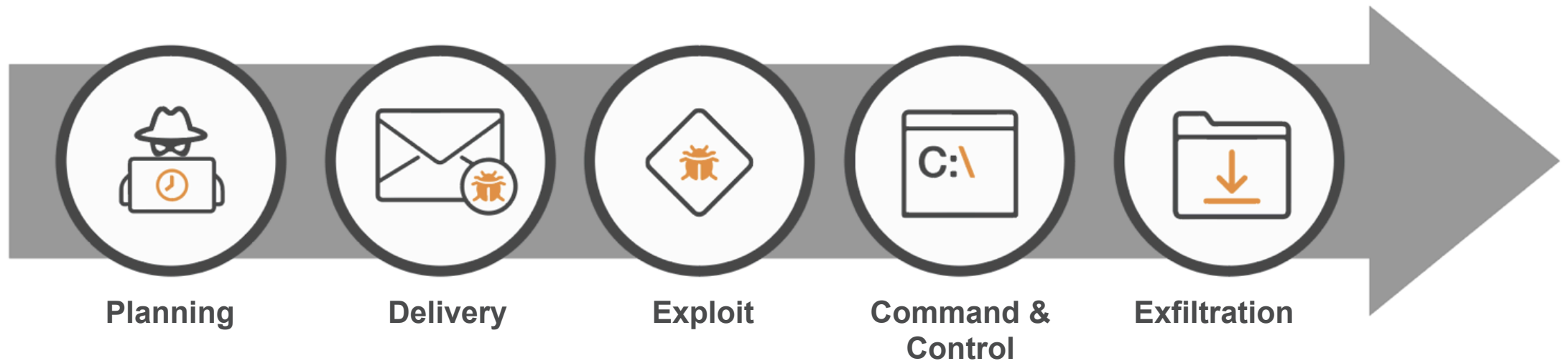
**4**

Penetration testing lacks a quality standard.

**5**

Penetration testing at breached companies miss adversaries.

# Attacks follow the same cycle over and over



But: **Adversaries** must use the **network** too.



**Dare to think  
differently!!!**

**Assume you're compromised  
and prove otherwise**

# The Path to Continuum **Threat Assessment**

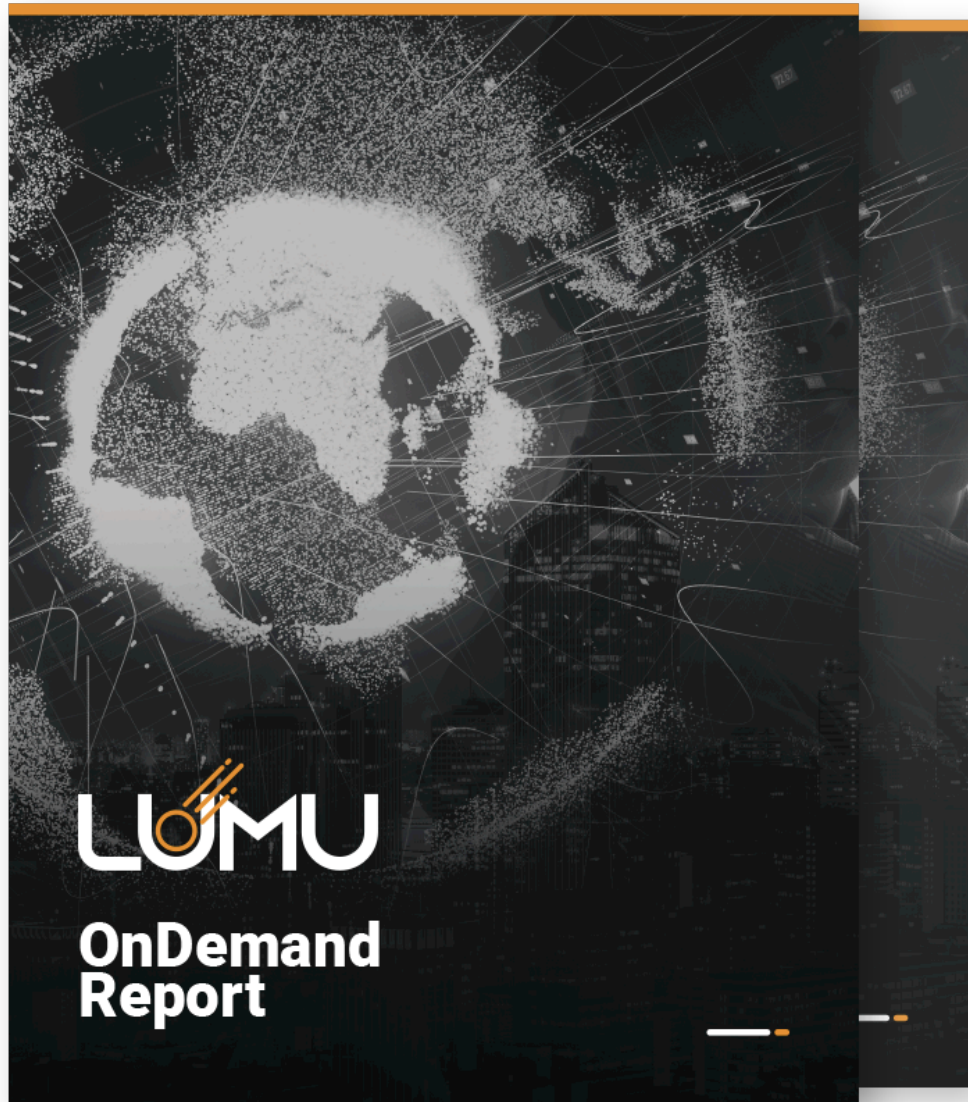


- **Gather information from enterprises sources**

- **Standardize data and feed to data ingest platform**

- **Find threats and anomalies within your infrastructure**

- **Add color and make findings actionable**



# Lumu OnDemand Key Deliverables



Data Insights



Deep Insights



Actionable Recommendations

# Benefits Beyond Traditional Pentesting

**01** Complete threat visibility and assessment.

**02** Actionable recommendations to fine tune cyber-defense architecture.

**03** Measure the real state of the system – you can't fake the data.

- Frictionless – Transparent – Less disruptive for the day to day
- Visibility into the weakest link (Endpoints)

# Assume you're compromised and prove otherwise



Continuous Threat Assessment



Disrupt the Cyber Kill Chain



Instant IOT Protection



Identify Compromised at Speed





# About Lumu Technologies

Lumu Technologies is a cybersecurity company that illuminates threats and attacks affecting enterprises worldwide.

[Request early access today](#)



# Questions


[www.lumu.io](http://www.lumu.io)

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