AUSTRIAN INSTITUTE OF TECHNOLOGY
TOMORROW TODAY

THREATGET®

Cybersicherheit für unsere Fahrzeuge

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Marketing & Communications
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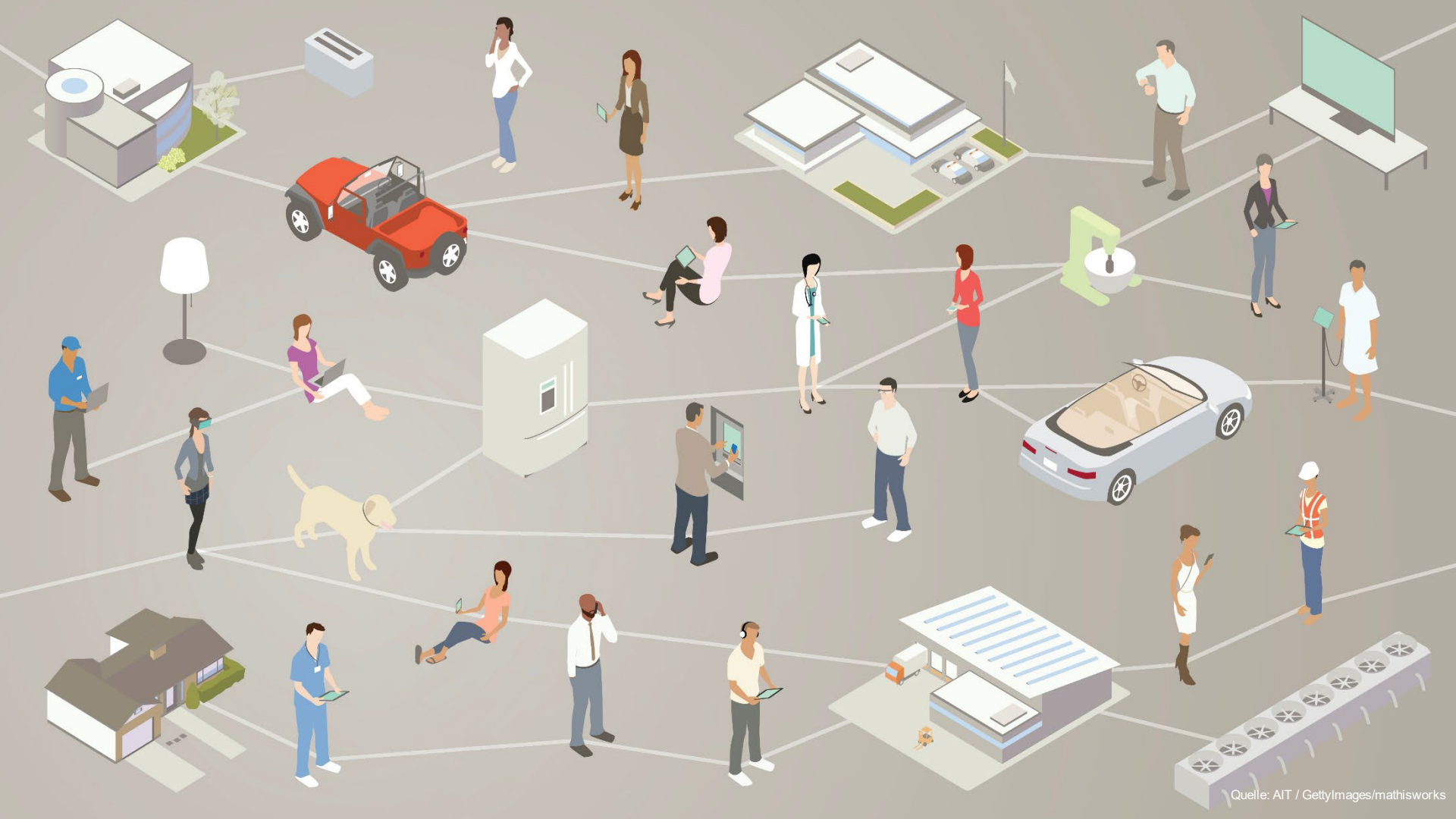
AIT Austrian Institute of Technology

Wien, 12.04.2021



Quelle: AIT / GettyImages/mathisworks

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Explore the Internet of Things

Use Shodan to discover which of your devices are connected to the Internet, where they are located and who is using them.

See the Big Picture

Websites are just one part of the Internet. There are power plants, Smart TVs, refrigerators and much more that can be found with Shodan!

Monitor Network Security

Keep track of all the computers on your network that are directly accessible from the Internet. Shodan lets you understand your digital footprint.

Get a Competitive Advantage

Who is using your product? Where are they located? Use Shodan to perform empirical market intelligence.

81% of Fortune 100

1,000+ Universities

Shodan is used around the world by researchers, security professionals, large enterprises, CERTs and everybody in between.

Analyze the Internet in Seconds

Shodan has servers located around the world that crawl the Internet 24/7 to provide the latest Internet intelligence. Who

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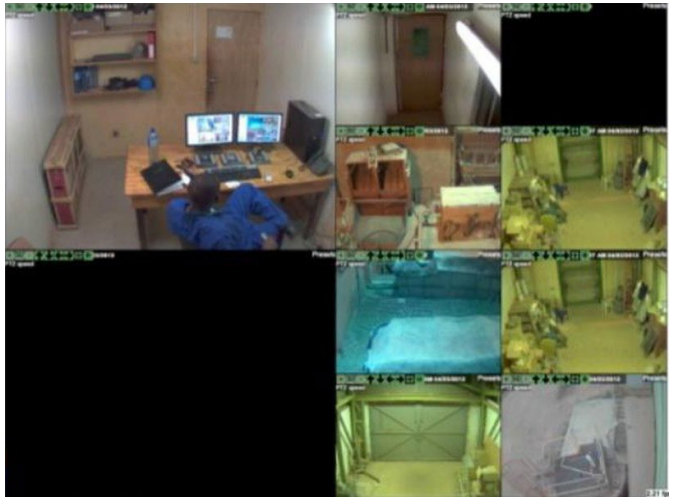
Shodan Developers Monitor View All... Try out the new beta website! Help Center

SHODAN Explore Pricing Enterprise Access New to Shodan? Login or Register

The Crazy Things A Savvy Shodan Searcher Can Find Exposed On The Internet



Quelle: https://www.forbes.com/sites/kashmirhill/2013/09/05/the-crazy-things-a-savvy-shodan-searcher-can-find-exposed-on-the-internet/?sh=315908e03c7e; Sep 5, 2013,04:23pm EDT

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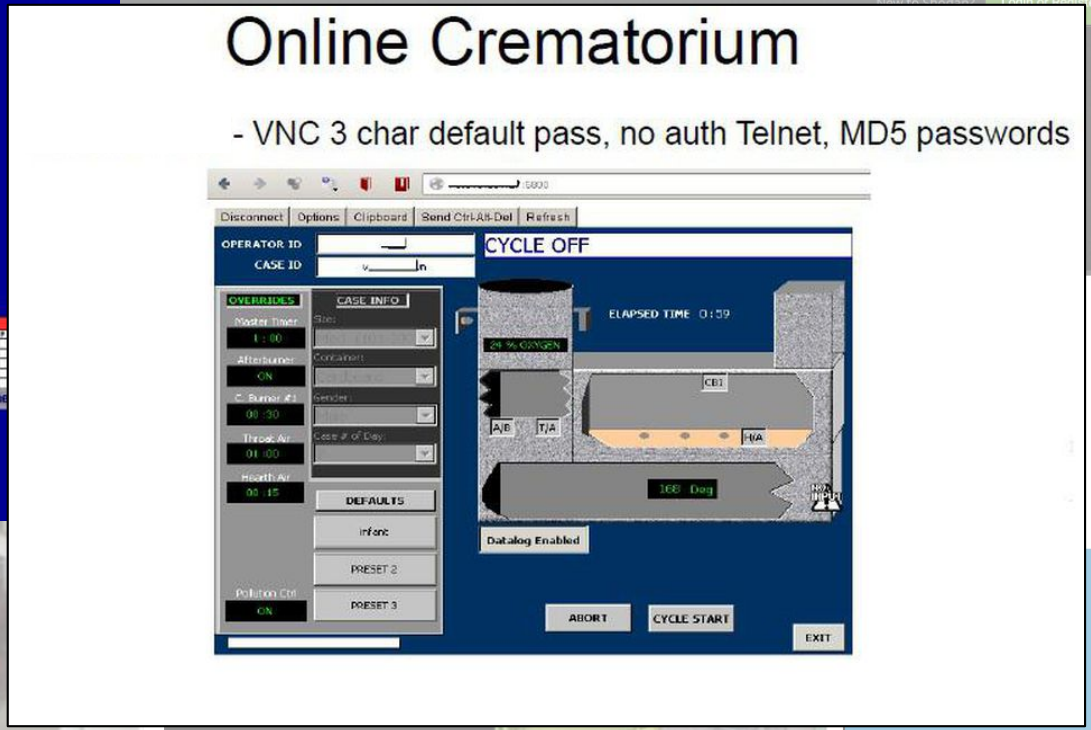

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Quelle: AIT Film „THREATGET“

DIE HERAUSFORDERUNG

"In 2020, 54.6% of incidents were attacks by black-hat hackers …"

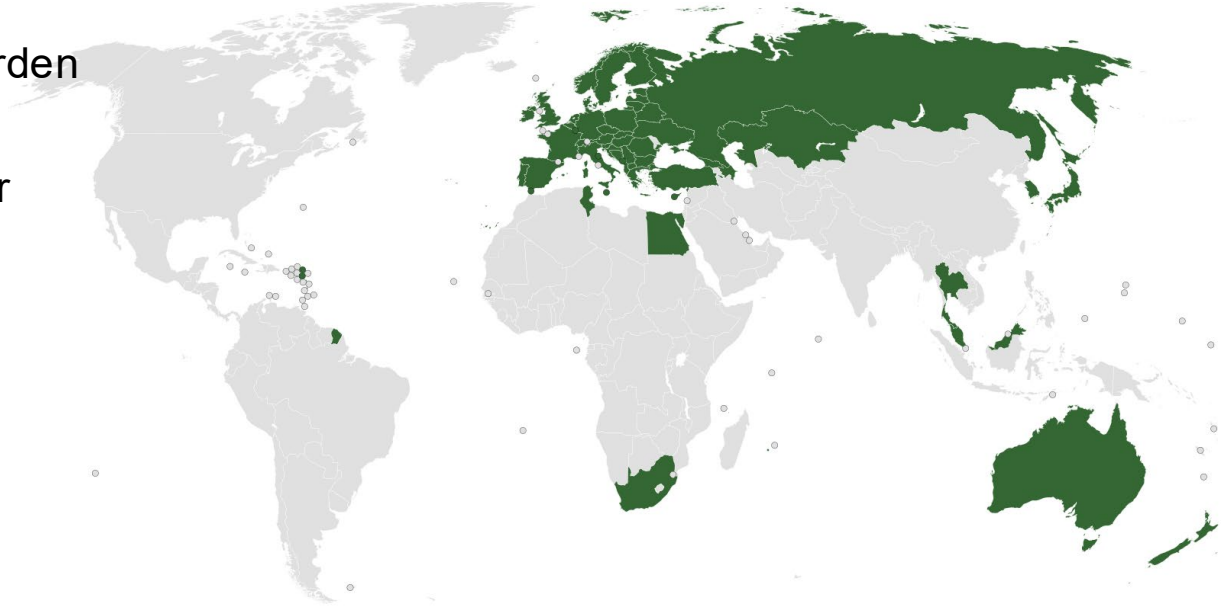
Quelle: Upstream Security Global Automotive Cybersecurity Report 2021

Beispiele 2020

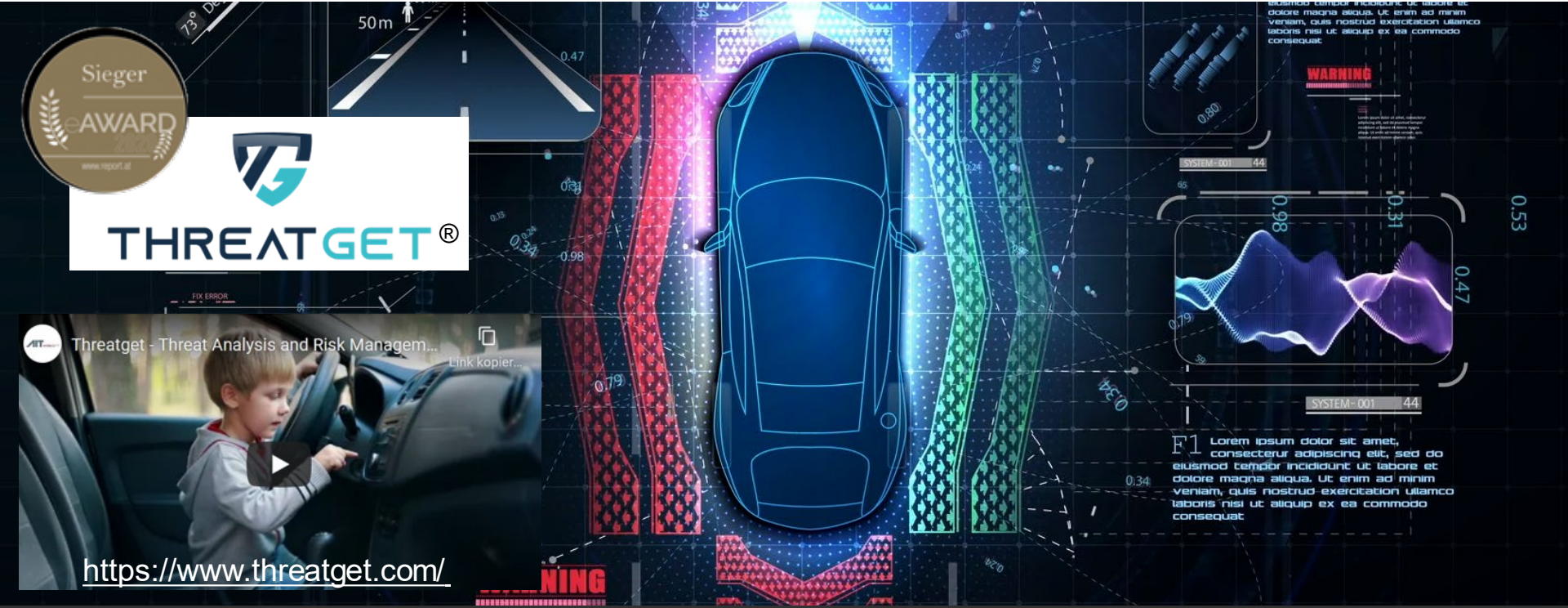
- *Das Autopilot System eines Tesla Model X wurde remote übernommen, die* ***Bremsen ferngesteuert und in den Gegenverkehr gelenkt****.*
- *19 Schwachstellen wurden in einem Mercedes-Benz E-Klasse Wagen entdeckt, die Hackern* ***Zugang zu Türen und Kontrolle über den Motor*** *gaben.*
- Über **300 Schwachstellen wurden in 40 Motorsteuerungseinheiten** gefunden, die **von 10 Herstellern bzw. Zulieferern** entwickelt wurden.

UNECE WORLD FORUM FOR HARMONIZATION OF VEHICLE REGULATIONS

- UNECE WP29 definiert **Anforderungen** für die **Typgenehmigung**
- Mitglieder sind:
  - Typgenehmigungsbehörden
  - Zertifizierungsstellen
  - Hersteller und Zulieferer
- Zwei neue Vorschriften zu:
  - **Cybersecurity**
  - Software Updates



THREATGET –
CYBER SECURITY MANAGEMENT FOR VEHICLES



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www.threatget.com

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