



THREATGET®

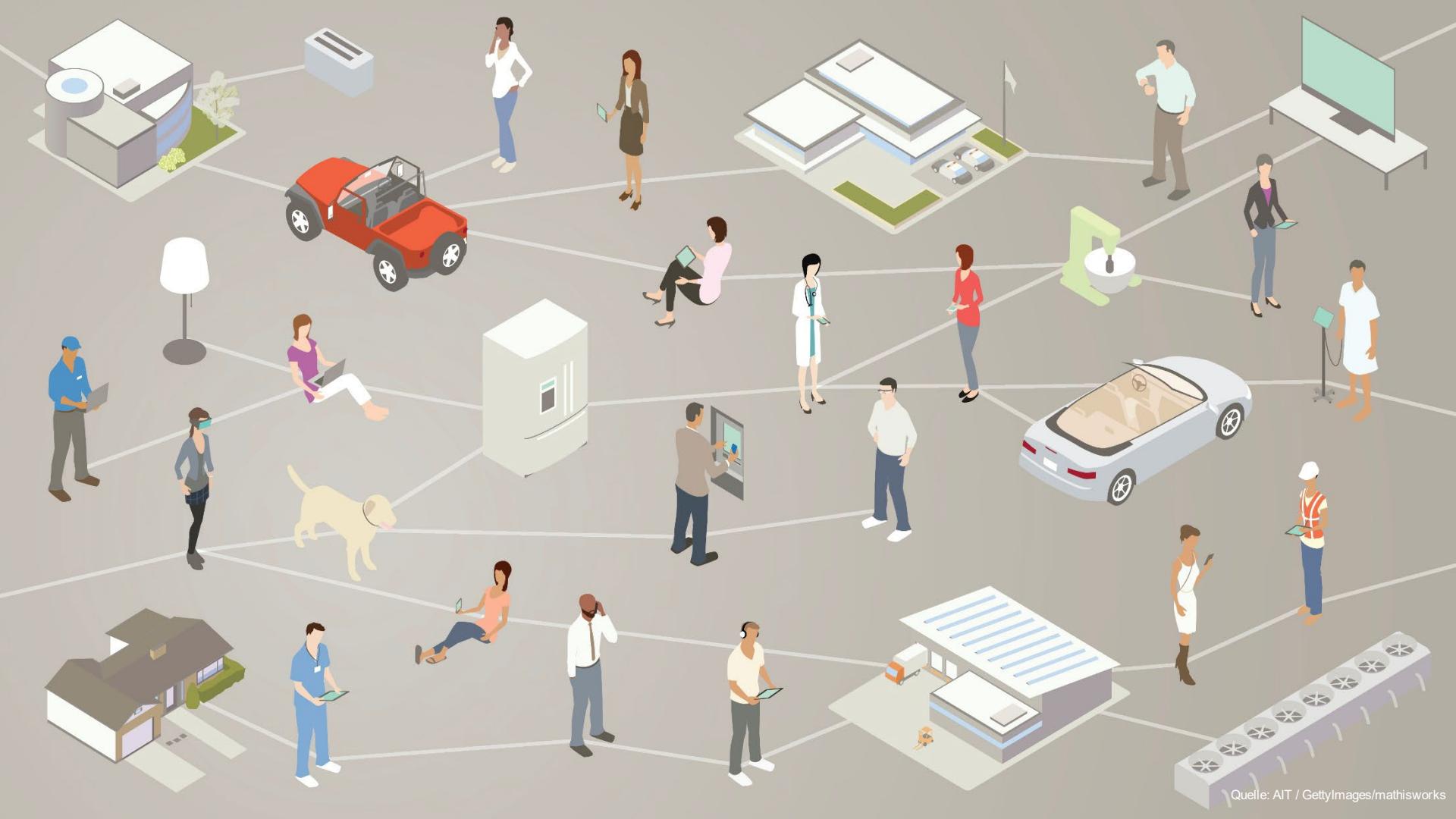
Cybersicherheit für unsere Fahrzeuge



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Wien, 12.04.2021





# EIN BLICK IN IHR WOHNZIMMER

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 search engine for Webcams

Shodan is the world's first search engine for Internet-connected devices.

[Create a Free Account](#) [Getting Started](#)



### 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.



### 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.



### 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!



### Get a Competitive Advantage

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



81% of Fortune 100

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



1,000+ Universities

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

# EIN BLICK IN IHR WOHNZIMMER

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

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

The image displays a collage of six screenshots from Shodan search results, illustrating various devices and environments found online. The top row shows a dark room with multiple screens, a close-up of a newspaper, and a person working at a desk with two monitors. The bottom row shows a red sofa, a house exterior, and a dark room with a large screen displaying multiple video feeds.

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

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

# Shodan Search Results

## 1000+ Results Found

### 100% Unpatched

1 MER

#### Panhandle Elementary EMS Home Page



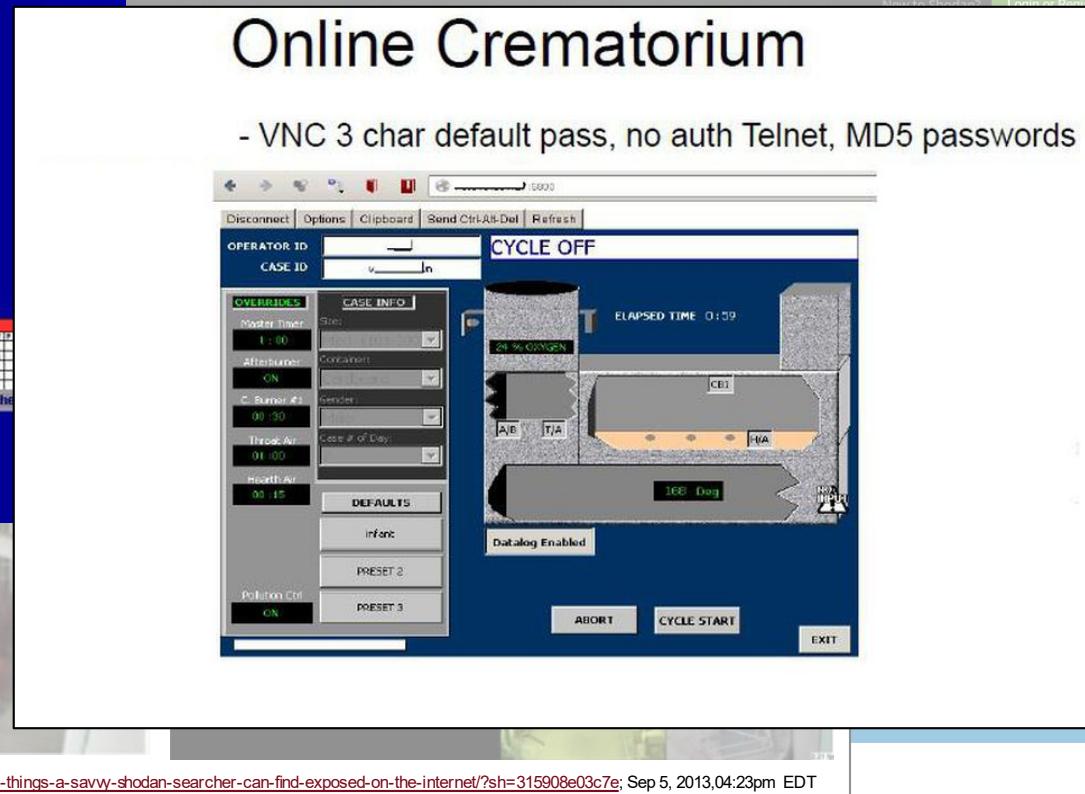
ConTech  
CONTROL TECHNOLOGIES, INC.

t.a.c.

Building Set Points

Outside Air Temp	105.6 °F
Deadband	3.0 °F
Override Time Setpt	120 min
Heat Enable Set Point	65 °F
Cool Enable Set Point	70 °F
Unocc Heat Setpt	55 °F
Unocc Cool Setpt	120 °F

Holiday Schedule      Building Sch



Online Crematorium

- VNC 3 char default pass, no auth Telnet, MD5 passwords

Disconnect Options Clipboard Send Ctrl-Alt-Del Refresh

OPERATOR ID: \_\_\_\_\_  
CASE ID: \_\_\_\_\_

**CYCLE OFF**

OVERIDES CASE INFO

- Morter Timer: 1:00
- Afterburner: ON
- C Burner #1: 00:30
- Throtl Av: 01:00
- Heath Av: 00:15

ELAPSED TIME: 0:59

CB1

A/B T/A H/A

100 Deg

Datalog Enabled

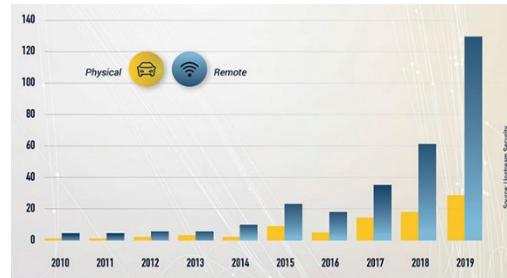
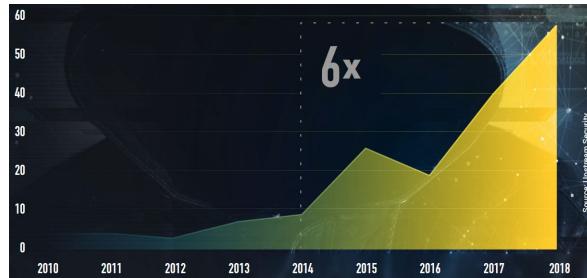
ABORT CYCLE START EXIT

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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# DIE HERAUSFORDERUNG



“In 2020, 54.6% of incidents were attacks by black-hat hackers ...”

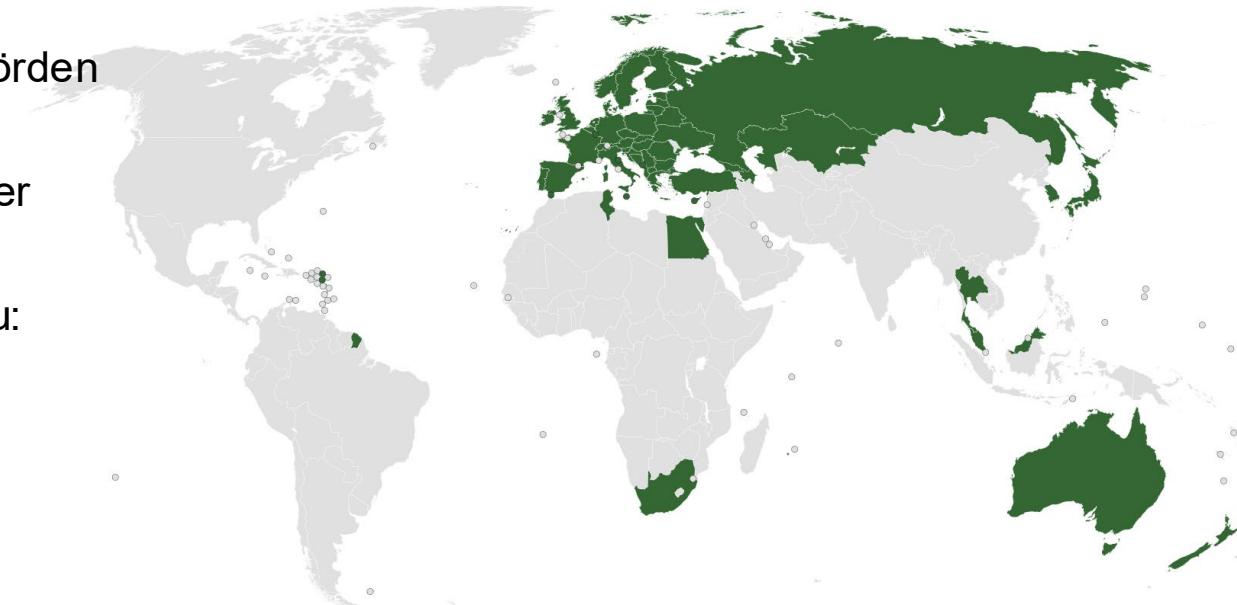
Quelle: Upstream Security Global Automotive Cybersecurity Report 2021

## Beispiele 2020

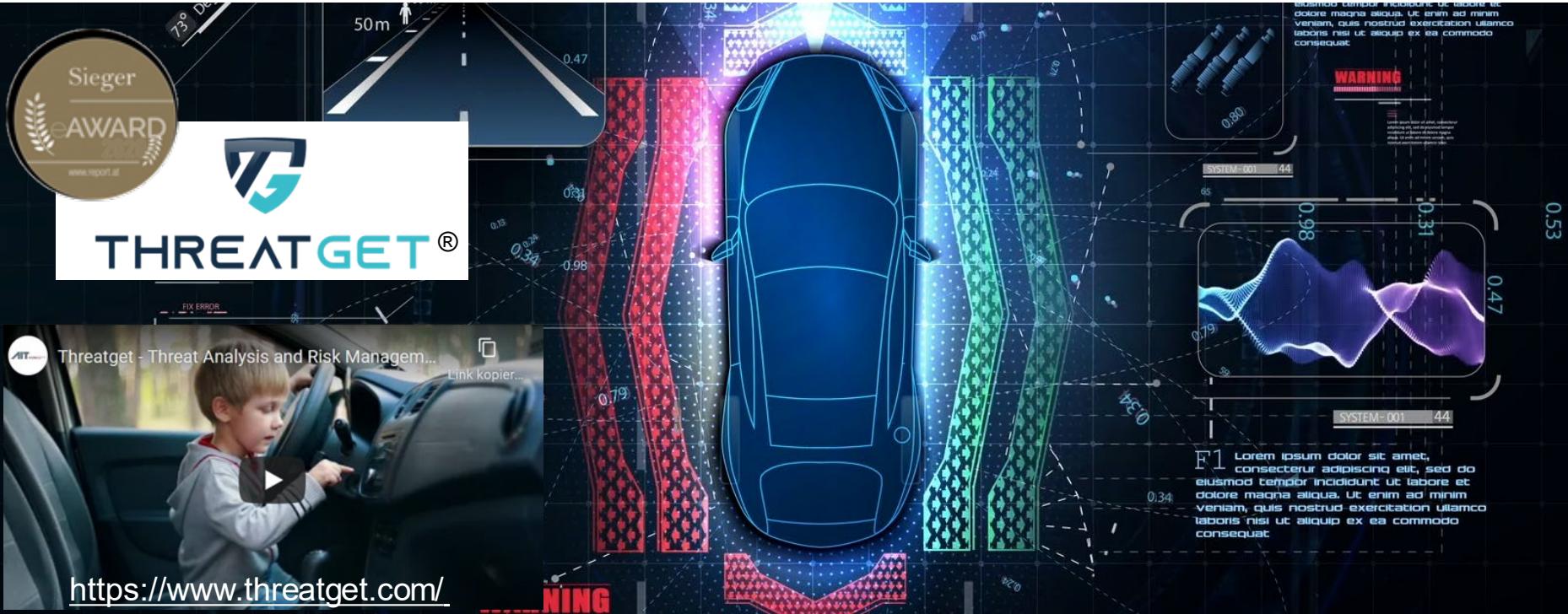
- Das Autopilot System eines Tesla Model X wurde remote übernommen, die **Bremsen ferngesteuert und in den Gegenverkehr gelenkt**.
- 19 Schwachstellen wurden in einem Mercedes-Benz E-Klasse Wagen entdeckt, die Hackern Zugang zu Türen und Kontrolle über den Motor gaben.
- Über 300 Schwachstellen wurden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



# DANKE!

[www.threatget.com](http://www.threatget.com)

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ANMELDEN  
UND INFORMIERT BLEIBEN!



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09.04.2021

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