G DATA
Threat analysis Q4 | 2021

G DATA

Strong increase in the fourth quarter of 2021

Threats every second

+47.2 %

+228.6 %

23.7 Mio.
64,931 per day
45 per minute

16.1 Mio.

4.5 Mio.

2019   2020   2021
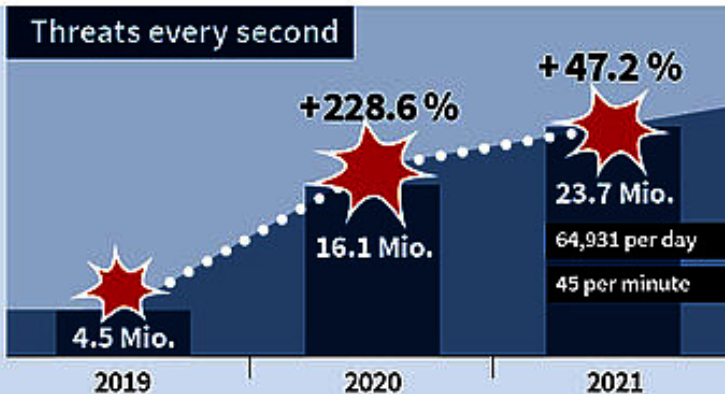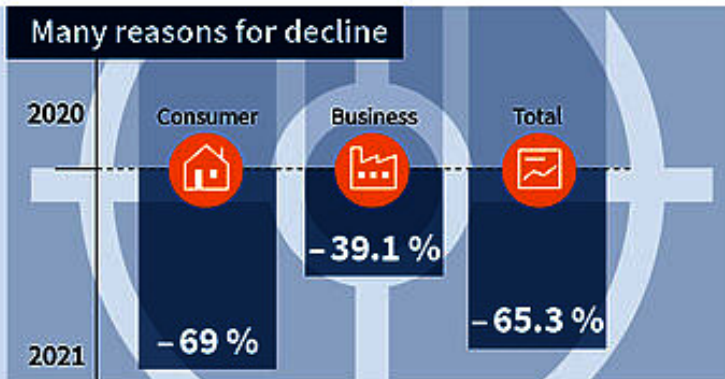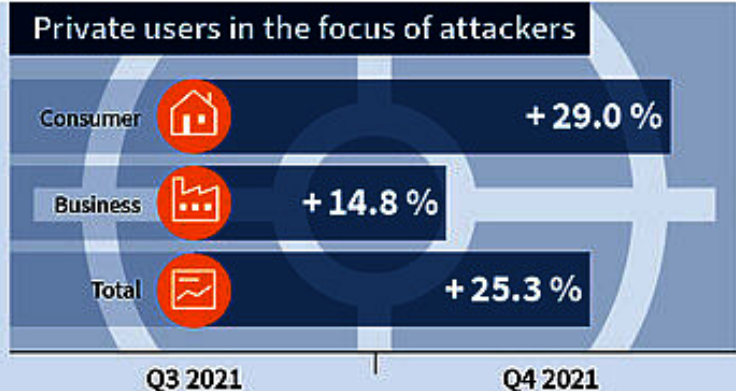
Cybercriminals continue to **keep up the pace** in the hope that antivirus solutions will not detect the "disguised" attackers and thus allow them to infiltrate the PC or laptop.

In 2021, they released nearly **65,000 new variants** of their malware every day, there were **45 new attack vectors** per minute.

The number of cyberattacks that were averted has rose sharply again at the end of 2021. **Private users** were increasingly the focus of cybercriminals.

One explanation for this is that attackers traditionally use **promotional days** such as Black Friday and the run-up to Christmas to target consumers with fake offers to visit malicious websites.

Private users in the focus of attackers

Consumer	**+ 29.0 %**
Business	**+ 14.8 %**
Total	**+ 25.3 %**

Q3 2021   Q4 2021

Many reasons for decline

2020

Consumer	Business	Total
	−39.1 %	
−69 %		**−65.3 %**

2021

After the first corona year with massive growth rates, the number of averted attack attempts has fallen significantly in a year-on-year comparison between 2020 and 2021.

The attackers have refined their methods, but the return of many employees to the office and the temporary **shutdown of Emotet** have also led to a decline.

Although **Emotet** was de facto active only in three months of the year (January, November and December), the malware already occupies a top spot in the ranking.

In addition to malware distributors, attackers combine various malware such as **information stealer** or **remote access Trojans** with each other to increase profits.

Emotet: There's life in the old dog yet

26.3 %
❶ **Dridex**
Information Stealer

14.1 %
Emotet ❷
Malware-
Distributor

11.0 %
❸ **Tofsee**
Bot