



HORNETSECURITY

# MALWARE CENTURY

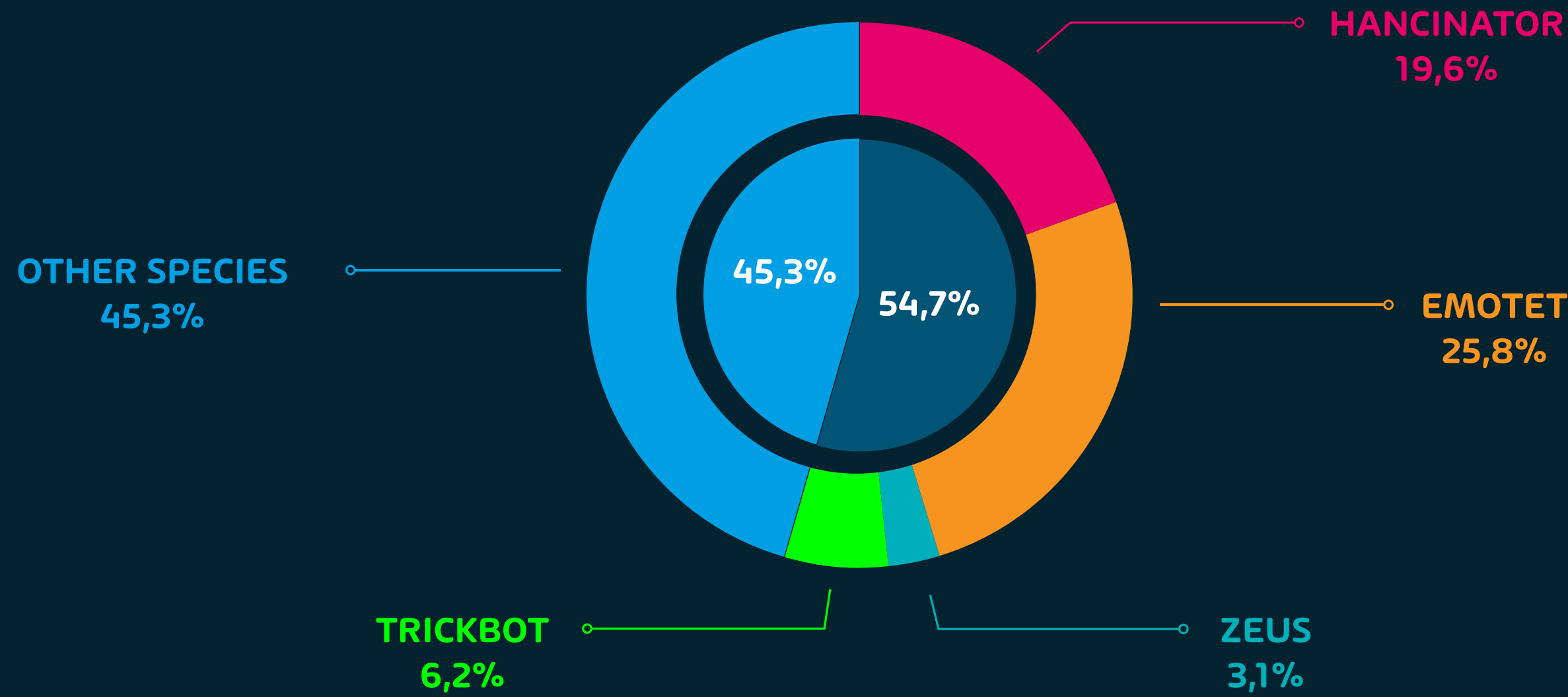
Number of Malware in 2018 as high as never before

Every third company has had at least one Malware attack. The risk of becoming a victim of an attack has increased considerably in recent years. From 2013-2018 the number of Malware attacks increased by almost 300%. The trend of recent years is clear, because Malware attacks are a lucrative business for cyber criminals.



## DISTRIBUTION OF MALWARE ATTACKS IN 2018

Hornetsecurity analyzed the year 2018 and took a closer look at the most prominent Malware attacks with the largest mail volume. „Emotet“, „Hancinator“, „Zeus“ and „Trickbot“ are the most distributed Malware attacks in 2018.



## MALWARE - CAMPAIGNS 2018 IN DETAIL

### JANUARY

01.01.2018 Ursnif: [DOC]  
 04.01.2018 PC RAT: [Archive][EXE]  
 12.01.2018 LokiBot(Zeus): [Archive][EXE]  
 12.01.2018 Emotet(Zeus): [URL][DOC]  
 12.01.2018 NanoCore RAT: [Archive][EXE]  
 14.01.2018 Formbook: [DOC][RTF]  
 16.01.2018 Zeus: [XLS]  
 22.01.2018 Smoke Loader: [DOC]  
 24.01.2018 Dridex: [VBS][Archive][JS][URL]  
 29.01.2018 Hancinator: [DOC]

### FEBRUARY

04.02.2018 Dridex: [URL][PDF][VBS][Archive]  
 08.02.2018 Quantloader: [URL][PDF][DOC]  
 15.02.2018 Formbook: [Archive][EXE]  
 21.02.2018 Ursnif: [URL][ZIP][JS]  
 24.02.2018 ISR Stealer: [Archive][EXE]  
 25.02.2018 Formbook: [Archive][EXE]  
 28.02.2018 Hancinator: [URL][DOC]

### MARCH

01.03.2018 Emotet: [URL][PDF][DOC]  
 05.03.2018 PowerShell Trojan: [URL][PDF][VBS]  
 07.03.2018 Hancinator: [URL][DOC]  
 16.03.2018 LokiBot: [Archive][EXE]  
 16.03.2018 GandCrab: [Archive][JS]  
 21.03.2018 Emotet: [DOC][URL]  
 26.03.2018 Sigma: [DOC][Encrypted]  
 30.03.2018 Ursnif: [Archive][BAT]

### APRIL

02.04.2018 Quantloader: [Archive][URL][JS]  
 04.04.2018 GandCrab: [Archive][EXE]  
 08.04.2018 Hancinator: [URL][DOC]  
 15.04.2018 GandCrab: [Archive][EXE]  
 17.04.2018 Zeus: [XLS]  
 18.04.2018 Hancinator: [URL][DOC]  
 23.04.2018 Trickbot: [URL][DOC]  
 23.04.2018 Agent Tesla: [URL][DOC]

### MAY

01.05.2018 Hancinator: [DOC]  
 01.05.2018 Trickbot: [DOC]  
 03.05.2018 Emotet: [DOC]  
 08.05.2018 Xorist: [JS]  
 08.05.2018 Sigma: [DOC][Encrypted]  
 14.05.2018 Trickbot: [DOC][URL]  
 14.05.2018 Hancinator: [DOC][URL]  
 15.05.2018 Emotet: [DOC][URL]  
 25.05.2018 Flawed Ammyy: [IQY]  
 27.05.2018 JavaScript Trojan: [URL][JS]  
 31.05.2018 Hancinator: [DOC][URL]

### JUNE

04.06.2018 GandCrab: [Encrypted][DOC]  
 12.06.2018 Flawed Ammyy: [IQY]  
 14.06.2018 Emotet(Zeus): [DOC][URL]  
 18.06.2018 Emotet(Trickbot): [DOC][PDF][URL]  
 18.06.2018 Emotet(cecid): [DOC]  
 25.06.2018 Hancinator(Zeus+Pony+EvilPony): [URL][DOC]  
 26.06.2018 Emotet(cecid): [URL][DOC]

### JULY

02.07.2018 Emotet(Zeus): [URL][DOC]  
 02.07.2018 Hancinator(Zeus): [URL][DOC]  
 13.07.2018 Flawed Ammyy: [IQY]  
 15.07.2018 Emotet(Trickbot): [DOC]  
 19.07.2018 Emotet(Zeus): [URL][DOC]  
 19.07.2018 Emotet(Trickbot): [URL][DOC]  
 22.07.2018 AZORult: [DOC][Encrypted]  
 29.07.2018 Emotet(Zeus): [URL][DOC]  
 30.07.2018 Emotet(Trickbot): [URL][DOC]

### AUGUST

06.08.2018 Hancinator(Zeus): [PDF][URL][DOC]  
 06.08.2018 Emotet(Zeus): [PDF][URL][DOC]  
 08.08.2018 Emotet(Trickbot): [URL][DOC]  
 14.08.2018 Hancinator: [URL][DOC]  
 21.08.2018 PowerShell Trojan: [URL][LNK]  
 21.08.2018 Neutrino: [DOC][Encrypted]  
 22.08.2018 Emotet(Zeus): [DOC][URL]

### SEPTEMBER

04.09.2018 Hancinator: [PDF][DOC][URL]  
 05.09.2018 Emotet(cecid+AZORult): [PDF][URL][DOC]  
 05.09.2018 Hancinator: [DOC][URL]  
 06.09.2018 Neutrino: [DOC][Encrypted]  
 06.09.2018 AZORult: [DOC][Encrypted]  
 14.09.2018 Emotet(Trickbot): [URL][PDF][DOC]  
 17.09.2018 Nymaim: [DOC][Encrypted]

### OCTOBER

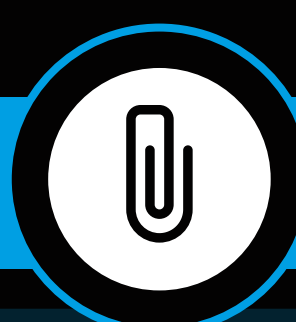
02.10.2018 Redaman: [Archive][EXE]  
 05.10.2018 Trickbot: [DOC]  
 09.10.2018 Hancinator(Zeus+Pony+EvilPony): [URL][DOC]  
 10.10.2018 Zeus: [URL][EXE]  
 10.10.2018 Hancinator(Zeus): [URL][DOC]  
 18.10.2018 Trickbot: [URL][DOC]  
 19.10.2018 Nymaim: [Archive][LNK]  
 20.10.2018 Trickbot: [XLS]  
 22.10.2018 Hancinator(Pony): [URL][DOC]  
 26.10.2018 GlobeImposter: [DOC][Encrypted]

### NOVEMBER

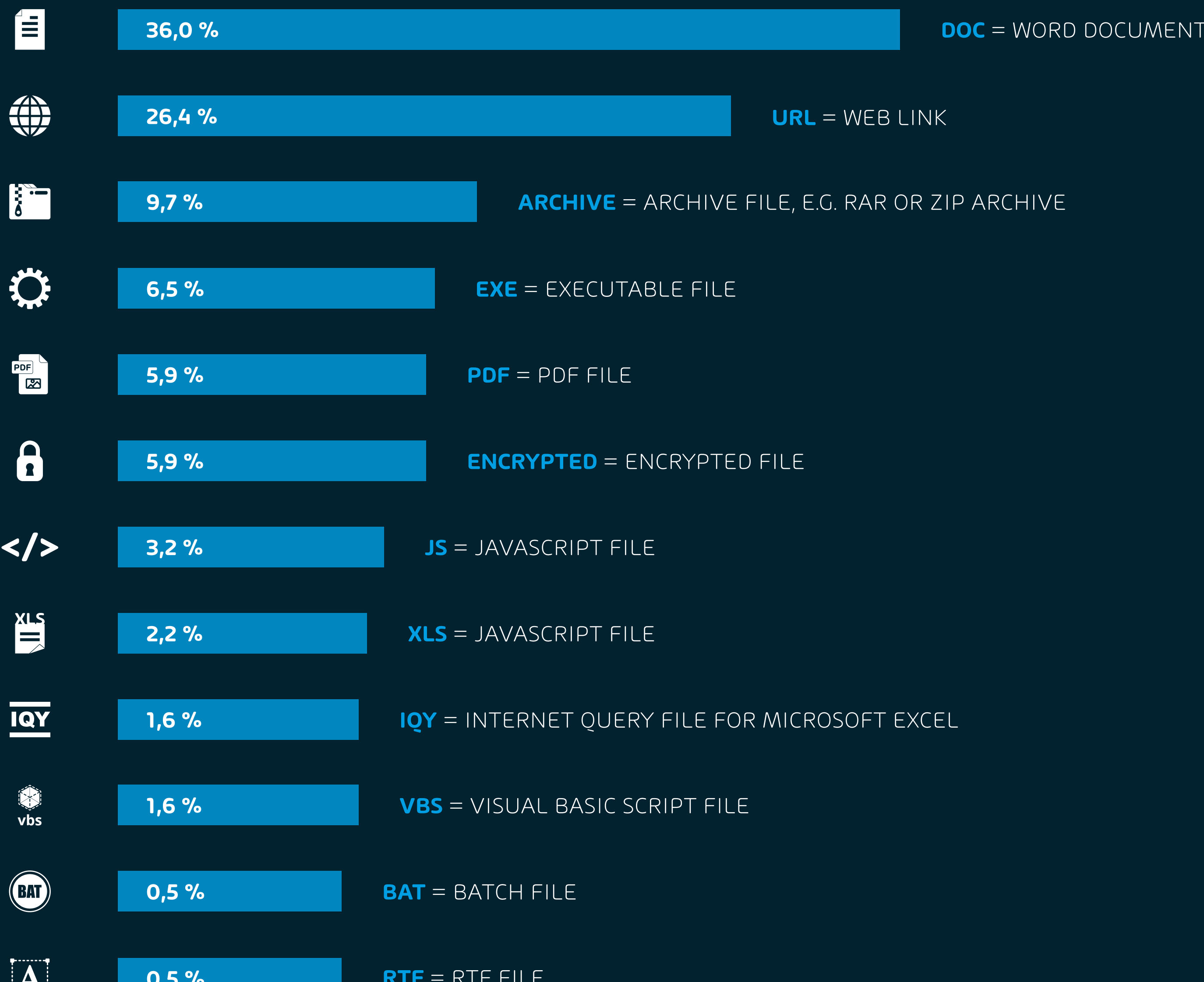
06.11.2018 Emotet(Trickbot): [DOC][URL][PDF]  
 16.11.2018 Emotet: [DOC][XML]  
 23.11.2018 Emotet(Goostik): [DOC]  
 26.11.2018 LokiBot: [Archive][EXE]  
 27.11.2018 Ursnif(Dridex): [DOC]  
 29.11.2018 Goostik: [DOC]  
 29.11.2018 Flawed Ammyy: [DOC]

### DECEMBER

03.12.2018 Emotet(cecid): [DOC]  
 10.12.2018 Nymaim: [DOC][Encrypted]  
 10.12.2018 Ursnif(Dridex): [DOC]  
 11.12.2018 Hancinator(Ursnif): [URL][DOC]  
 14.12.2018 Emotet(Qakbot): [DOC]  
 17.12.2018 Hancinator: [XLS][Encrypted]

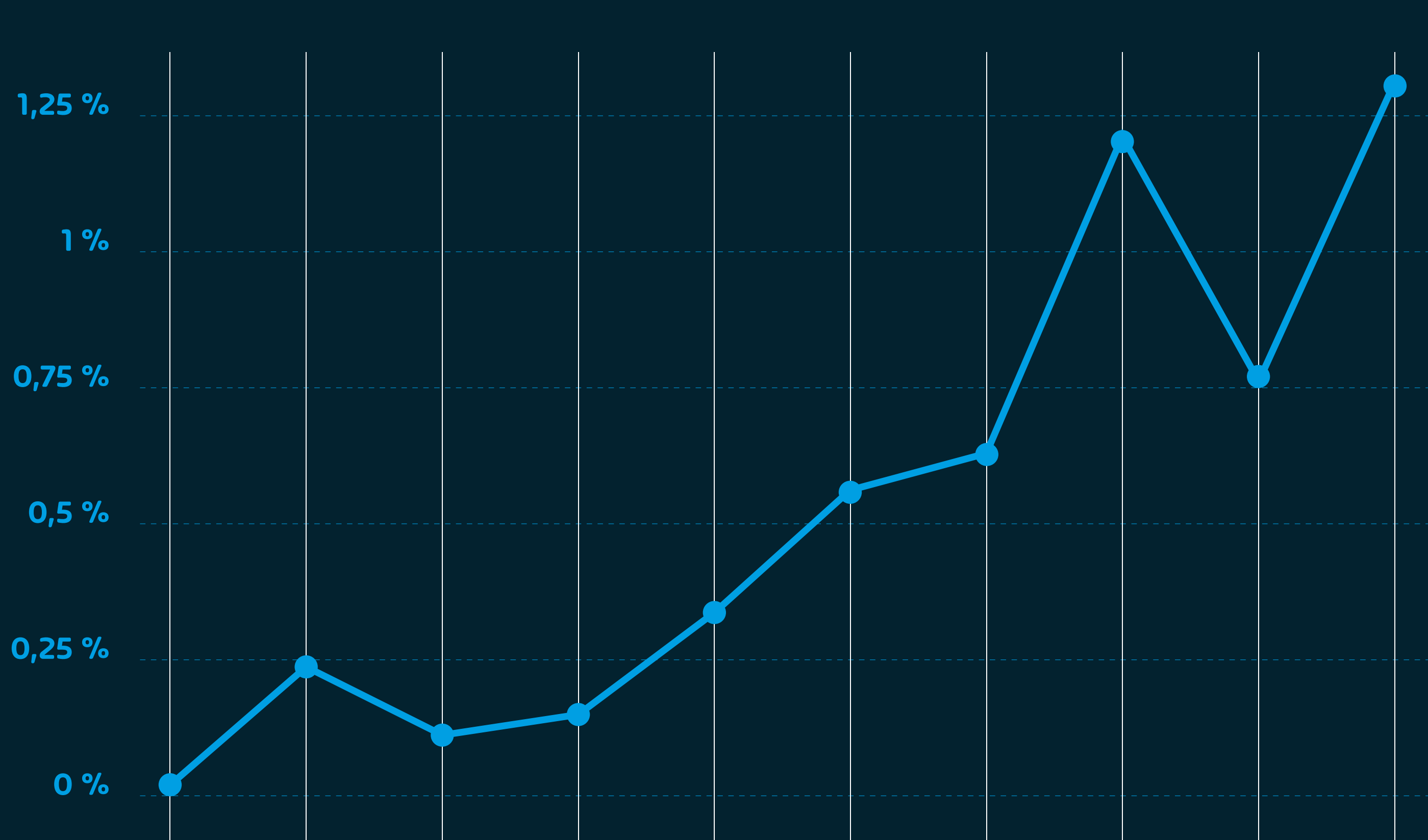


## DISTRIBUTION OF DANGEROUS ATTACHMENTS



## CONTINUED INCREASE OF MALWARE

Figure: Malware rate of total processed email traffic



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AN INFOGRAPHIC FROM

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