

Digital Identity Anti-Theft Report

Discovered Identities
Compromised in May, 2019



BULIDSEC LTD

June, 2019

<https://emidentityguard.com>



Digital Identity Anti-Theft Report

Discovered Compromised Identities May, 2019

11.406.479

**Unique Digital Identities
Compromised in May**

367.951

**Unique Digital Identities on
Average Compromised per
Day in May**

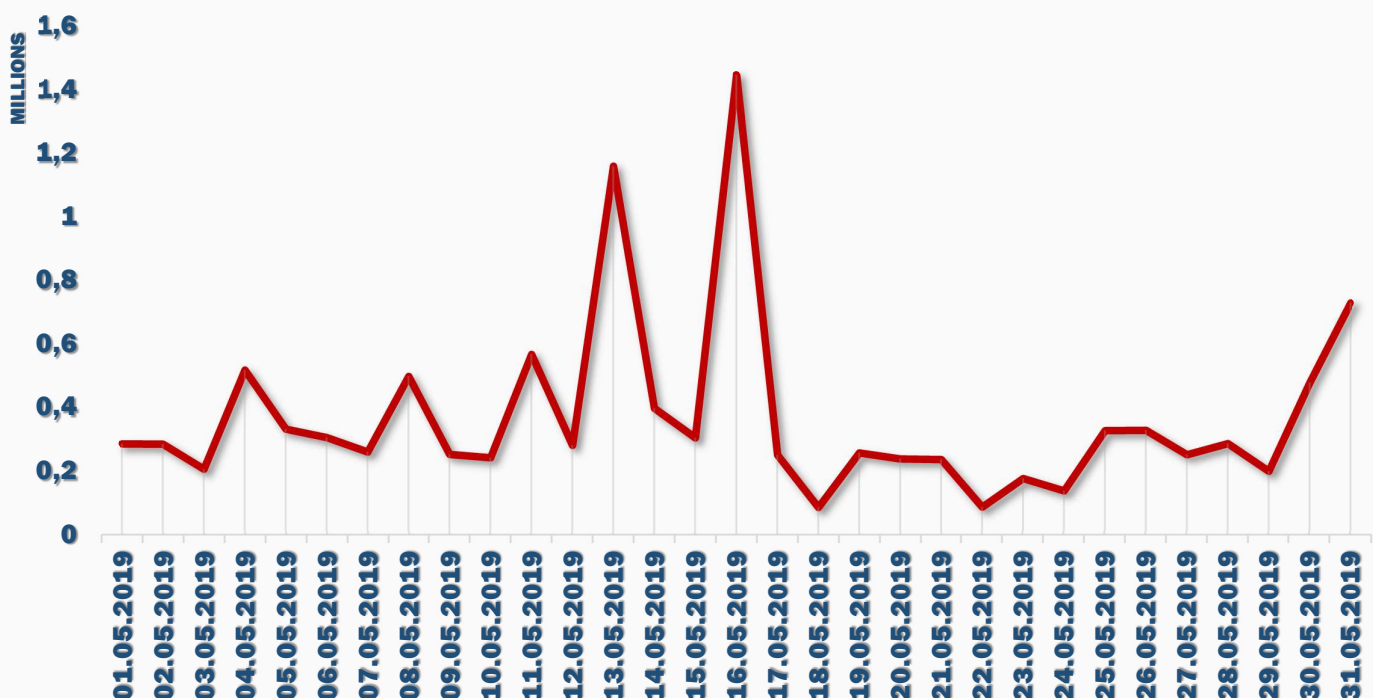
3 big cyber security incidents observed in May

On 13th of May the BULIDSEC analyze systems discovered couple of millions leaked data records containing email accounts, passwords, names, addresses and other personal information. After our cyber security research team validated the authenticity of the leaked data and the novel BULIDSEC AI algorithm cleared duplicated, inconsistent and fake records, there were **1.158.402 unique identities** included into the BULIDSEC Email Identity Guard Cloud service. Only within 7 hours after the leak was identified, we were able to notify our affected customers.

On 16th of May the BULIDSEC analyze systems discovered **1.445.143 unique email accounts and passwords** that were provided to BULIDSEC Email Identity Guard for protecting our customers within 8 hours.

On 31th of May, we discovered **728.427 unique identities** containing email accounts, passwords, names and payment information. The BULIDSEC Email Identity Guard customers were notified within 3 hours.

OF UNIQUE DIGITAL IDENTITIES LEAKED PER DAY





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17% of the compromised accounts in May were corporate

1.930.097 hacked digital identities discovered in May were based on corporate email addresses. Both SMBs and big enterprises were affected.

9.476.382 compromised identities were owned by private persons.

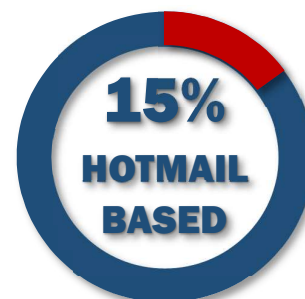
73% of the discovered compromised identities reused their password for at least two different online services.

Ranking of Affected Countries Excluding USA and China		
#	Country	Unique Compromised Identities
1	France	497.987
2	Germany	461.552
3	Russia	297.997
4	Brazil	285.992
5	UK	187.649
6	Polen	160.461

4,23% of the compromised accounts were from the D/A/CH Region

Only in Germany, 461.552 compromised unique identities were discovered. In Austria, the hacked identities were 9.282 and in Switzerland 11.956 digital identities were identified. 4,37% of the discovered compromised identities were located in France.

Despite of the fact that compromised digital identities from 162 countries were identified, there is a clear trend that cyber criminals are focusing their efforts on economically strong countries.



65% of the hacked identities were GMAIL, YAHOO or HOTMAIL based

However, significant amount of digital identities based on GMX (74.942 unique identities), WEB.DE (74.375 unique identities), T-ONLINE (139.244 unique identities), MAIL.BG (2.674 unique identities), ABV.BG (7.917 unique identities), etc. email addresses were also compromised.



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Discovered Compromised Identities May, 2019

337.810.669

**Unique Digital Identities
Compromised since January
1st, 2019**

2.237.158

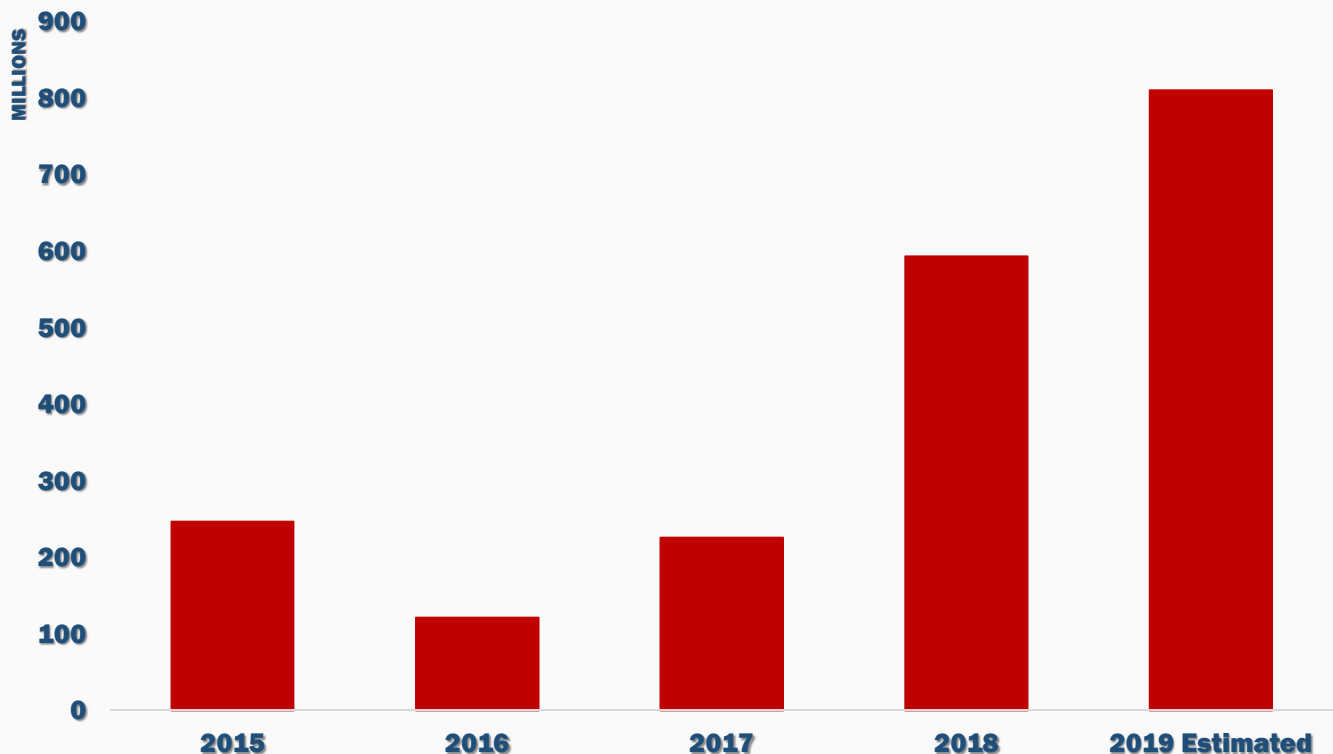
**Unique Digital Identities on
Average Compromised per
Day since January 1st, 2019**

New All-Time High of Unique Compromised Digital Identities Expected in 2019

Since the beginning of 2019, the BULIDSEC analyze systems discovered 337.810.669 unique hacked digital identities. On average, every day we identify 2.237.158 unique compromised identities.

As per June 1st, 2019, the BULIDSEC experts expect 810.745.606 unique email identities to be compromised by the end of 2019. This will be an increase of 137% compared to the previous year.

OF UNIQUE DIGITAL IDENTITIES LEAKED PER YEAR





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Discovered Compromised Identities May, 2019

General Statement

The included in this report statistics and numbers should not be considered as absolute values. They are based on what we have seen for the specific report period. BULIDSEC cannot and does not pretend that our analyze systems are covering 100% of the hacked, compromised and leaked email based digital identities worldwide. In fact, the grey area that is not covered yet by our investigative activities, may be arbitrary big and cannot be quantified. However, we are convinced that the included statistics provide an excellent understanding of the trends and achieve best-in-class situation awareness in respect to identity theft, data and identity leakage and identity fraud topics.

BULIDSEC performs only passive analyzes of the brought cyber space. We do not support by any means cyber-criminal activities. Therefore, we do not pay for or exchange leaked data. Furthermore, we do not apply active/offensive hacking techniques during our investigations without the explicit agreement of our customers, who apply BULIDSEC cyber security consultancy and analyzes services for their own digital infrastructure. For more information, refer to <https://emidentityguard.com/en/faq/>.

As a company active in the cyber security space, BULIDSEC invest extra efforts in ensuring the privacy of our customers. Furthermore, as a company located in the European Union, we comply with the EU GDPR. For more information, refer to <https://emidentityguard.com/en/privacy-policy-2/>.

About BULIDSEC LTD

BULIDSEC LTD was founded in 2018 as a common platform for a group of cyber security experts to join their efforts and bring their fight against cyber criminals to the next level. The cyber security expertise that we collected for more than 25 years in the cyber space, combined with the strong personal devotion, motivation and contribution resulted in a unique, simplistic, user-friendly and effective digital identity protection technique that builds the core of the BULIDSEC Email Identity Guard products.

Why BULIDSEC LTD

In the past 25 years, the BULIDSEC Email Identity Guard experts built an extremely broad personal network of cyber security experts from all over the world and a unique set of connections and various sources in the underground cyber space. These are utilized daily for the identification of new data leaks (identity theft) that contain exposed email account credentials and further privacy related information, such as names, addresses, phones, payment data, etc.

In addition to the 24/7 personal monitoring and investigation for hacked online identities, we built a novel set of machine learning and AI based algorithms, running continuously in the BULIDSEC Email Identity Guard cloud that perform big data analysis of million suspicious data sets that we discover daily in the underground cyber space. The BULIDSEC AI components apply an extensive set of 27 sophisticated attributes that allow us to identify fake data records and fake digital identities with 97% industry-best confidence. In this way, our customers are not distracted from their private and business core activities with unnecessary notifications due to fake identity leakage.

Contact BULIDSEC LTD

For more information on cyber security topics, you can visit us at:

[HTTPS://EMIDENTITYGUARD.COM/EN/](https://emidentityguard.com/en/)

