

Deep Secure: Web Document Download Protection



Web Document Download **without** Deep Secure protection:



1. The essential everyday act of downloading business information - documents and images - from the internet provides attackers with an ideal threat channel.

2. The employee downloads a business document or image from the internet. The downloaded content is used by an attacker as the vehicle to deliver a malware attack.

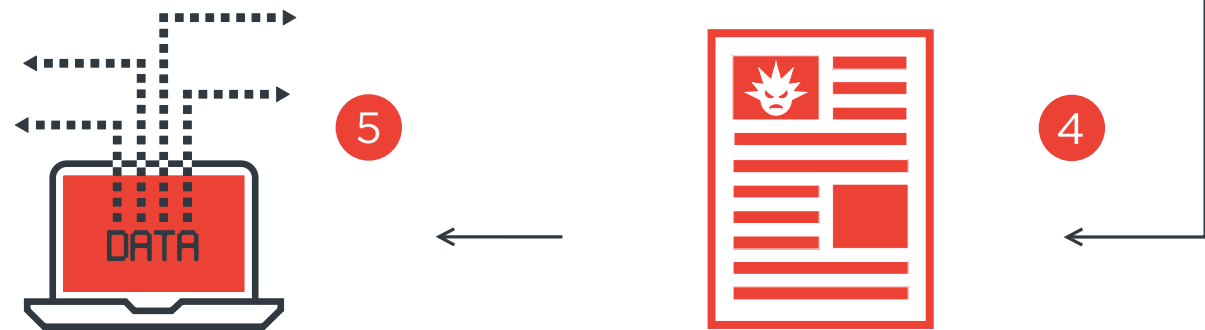
3. The downloaded document contains malware specifically designed to bypass Secure Web Gateways, Firewalls, AV, Sandboxes, etc.

Document-based malware is a rapidly growing threat to businesses:

70% of attacks now target MS Office vulnerabilities
Kaspersky

69% of companies don't believe antivirus provides adequate protection
Ponemon Institute

38% of malicious attacks make use of Word, PowerPoint and Excel file extensions
Cisco



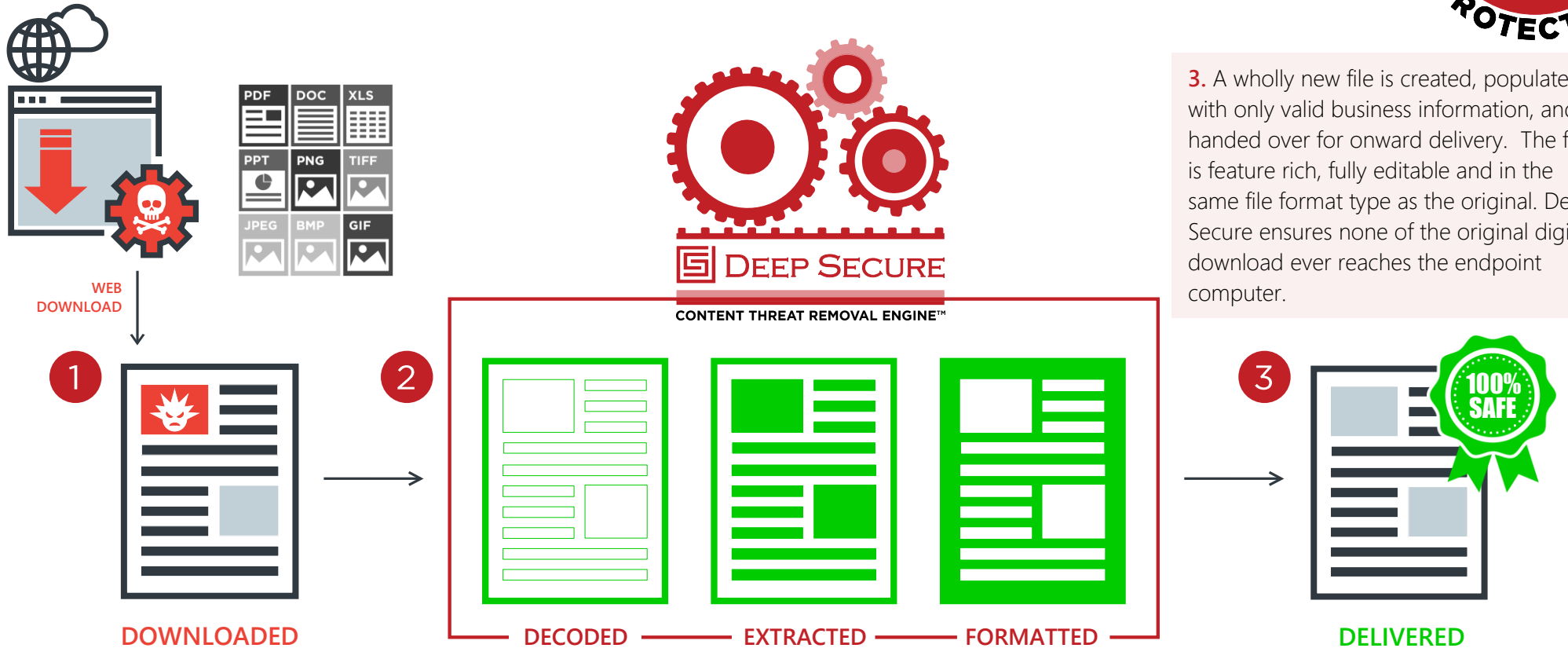
5. COMPROMISED!
The hacker uses the compromised computer to infiltrate the corporate network to locate and covertly exfiltrate the target information.

4. The document is downloaded to the employee's computer hard drive and the malware executes.

Deep Secure: Web Document Download Protection



Web Document Download **with** Deep Secure protection:



1. Deep Secure provides 100% effective protection against malicious web document downloads and images.

Utilising a true zero trust security model, Deep Secure eliminates **all** malware from downloaded content.

2. Working with the existing web gateway, Deep Secure Content Threat Removal intercepts the downloaded digital content such as documents and images. This content is decoded and just the valid business information is extracted from it. The original file is then discarded, along with any encoding context, unnecessary metadata, active code or malware. Alternatively, the original download can be securely stored for forensic analysis. The extracted business information is then formatted to match the original.

3. A wholly new file is created, populated with only valid business information, and handed over for onward delivery. The file is feature rich, fully editable and in the same file format type as the original. Deep Secure ensures none of the original digital download ever reaches the endpoint computer.



4. **PROTECTED!**
The target employee's computer is safe.