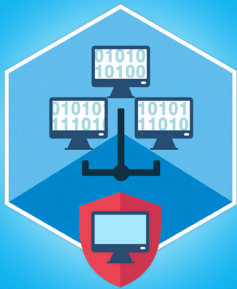




## Elcomsoft Forensic Disk Decryptor

Version 2.20

Elcomsoft Forensic Disk Decryptor (EFDD) provides instant, real-time access to data stored in encrypted disks and containers.



## Elcomsoft Distributed Password Recovery

Version 4.45

Elcomsoft Distributed Password Recovery (EDPR) helps forensic experts gain effective access to an even wider range of encrypted evidence.

### Summary

Elcomsoft Distributed Password Recovery and Elcomsoft Forensic Disk Decryptor are updated with support for LUKS2, an updated version of Linux disk encryption tool. The tools work together to extract encryption metadata and launch a password recovery attack. In addition, Elcomsoft Distributed Password Recovery can now break PIN codes protecting Windows accounts on TPM-less systems.

### Essential updates

#### Extracting LUKS2 metadata from disks and disk images

LUKS2, a newer version of Linux disk encryption, is significantly more secure compared to the original LUKS. Elcomsoft Forensic Disk Decryptor extracts encryption metadata from LUKS2 disks and containers, which is required to launch an attack on encryption in Elcomsoft Distributed Password Recovery.



#### Recovering LUKS2 Passwords



Elcomsoft Distributed Password Recovery is updated to launch a full-scale distributed attack on the encryption password. Attacks on LUKS2 disks and containers protected with Argon2 must be performed on the computer's CPU, which results in significantly slower recovery speeds. If the LUKS2 disk is protected with a classic pbkdf2, the faster GPU-assisted attacks are available.

#### Breaking Windows Hello PIN codes

Elcomsoft Distributed Password Recovery further improves support for Windows 10 and Windows 11 computers, adding the ability to attack Windows Hello PIN codes on systems without a Trusted Platform Module (TPM). For digit-only PIN codes, the recovery is near-instant.



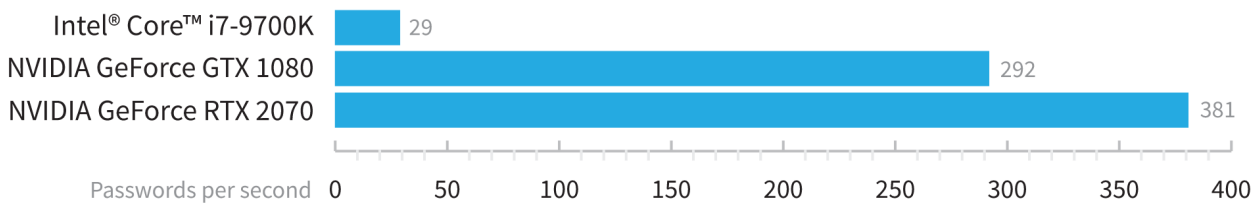
## Elcomsoft Forensic Disk Decryptor 2.20 Release Notes:

- Added support for LUKS2 encryption
- Minor bug fixes and performance improvements

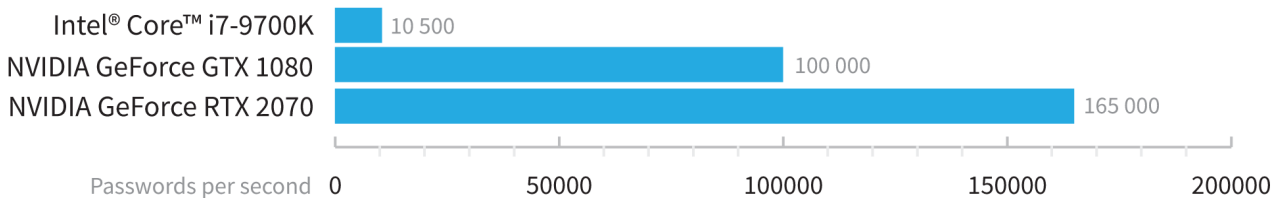
## Elcomsoft Distributed Password Recovery 4.45 Release Notes:

- Added support for LUKS2 encryption
- Added support for Windows Hello PIN codes (TPM-less systems)
- Added support for IZArc archives
- Minor bug fixes and performance improvements

### Elcomsoft Distributed Password Recovery LUKS2



### Elcomsoft Distributed Password Recovery Windows Hello — PIN



### Steps to renew

1. All active users of Elcomsoft Distributed Password Recovery are invited to download and install the distributive of the new version from the product page. The direct download link: [https://www.elcomsoft.com/download/edpr\\_setup\\_en.msi](https://www.elcomsoft.com/download/edpr_setup_en.msi).
2. Users having an expired license of Elcomsoft Distributed Password Recovery are welcome to renew their license at corresponding cost that can be found by entering registration key in the online form <https://www.elcomsoft.com/key.html>.

Contact us at [sales@elcomsoft.com](mailto:sales@elcomsoft.com) for any further questions on updating and license renewing.



**ELCOMSOFT**  
DESKTOP, MOBILE & CLOUD FORENSICS

[www.elcomsoft.com](http://www.elcomsoft.com)  
[blog.elcomsoft.com](http://blog.elcomsoft.com)  
[sales@elcomsoft.com](mailto:sales@elcomsoft.com)

