# CVE Detail – CVE-2019-3907

Premisys Identicard version 3.1.190 stores user credentials and other sensitive information with a known weak encryption method (MD5 hash of a salt and password).

## Threat-Mapped Scoring

Score: 3.0

Priority: P2 - Serious (High)

## EPSS

EPSS Score: N/A

Percentile: 0.38373

## CVSS Scoring

CVSS v3.1 Score: 7.5

Severity: HIGH

## Mapped CWE(s)

* CWE-798: Use of Hard-coded Credentials
* CWE-916: Use of Password Hash With Insufficient Computational Effort

## CAPEC(s)

* CAPEC-191: Read Sensitive Constants Within an Executable
* CAPEC-55: Rainbow Table Password Cracking
* CAPEC-70: Try Common or Default Usernames and Passwords

## ATT&CK Techniques

* T1110.002: Password Cracking
* T1078.001: Default Accounts
* T1552.001: Credentials In Files

## Used By (Actors/Tools)

* TrickBot (malware)
* Stuxnet (malware)
* Smoke Loader (malware)
* HyperStack (malware)
* Emotet (malware)
* Hildegard (malware)
* BlackEnergy (malware)
* XTunnel (malware)
* pngdowner (malware)
* StrelaStealer (malware)
* Pysa (malware)
* Agent Tesla (malware)
* jRAT (malware)
* Azorult (malware)
* Net Crawler (malware)
* AADInternals (tool)
* Empire (tool)
* PoshC2 (tool)
* LaZagne (tool)
* Pupy (tool)
* QuasarRAT (tool)
* Indrik Spider (intrusion-set)
* Dragonfly (intrusion-set)
* OilRig (intrusion-set)
* Fox Kitten (intrusion-set)
* TA505 (intrusion-set)
* Ember Bear (intrusion-set)
* TeamTNT (intrusion-set)
* FIN6 (intrusion-set)
* Leafminer (intrusion-set)
* Magic Hound (intrusion-set)
* MuddyWater (intrusion-set)
* Kimsuky (intrusion-set)
* FIN13 (intrusion-set)
* Scattered Spider (intrusion-set)
* RedCurl (intrusion-set)
* Night Dragon (campaign)
* Leviathan Australian Intrusions (campaign)
* Salt Typhoon (intrusion-set)
* APT3 (intrusion-set)
* HomeLand Justice (campaign)
* APT33 (intrusion-set)

## Affected Products

* cpe:2.3:a:identicard:premisys\_id:3.1.190:\*:\*:\*:\*:\*:\*:\*