# Is reliance on passwords a security gamble?

Statistics show passwords are a liability for employers.
They cost money in employee down-time and put data at risk.
Is it time you looked beyond passwords?

**39%**
of all malicious cyber attacks are the result of negligence including password theft
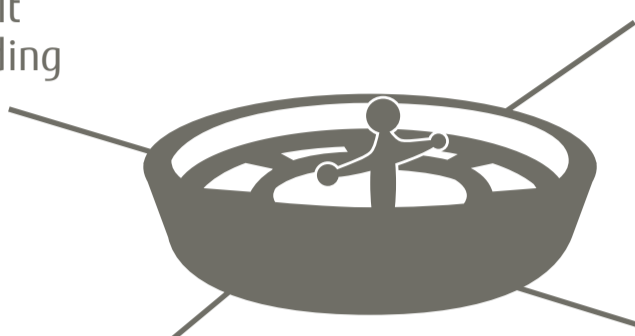
**$3.79 million**
Average cost of a security breach to a large organisation

**15**
Number of passwords the average person has to remember. 60% cannot remember all their passwords

**$200k**
Annual cost of difficulties logging on for a 500-person company

## Helping hackers hit the jackpot

**61%**
reuse passwords across different sites

**Only 12%**
of people believe their passwords are very secure

**50%**
of desk-workers use their personal devices for business purposes...

**...1 in 3**
refuse to use any kind of security mechanism on those devices

**26%**
have shared their password with their spouse... ...10% with a friend

**42%**
write their passwords down

» A hacker can gain access to an entire company's information through just one compromised login. «

# Biometrics
## A less risky route to authentication

PalmSecure™

## With biometrics, you authenticate people not passwords. It's safer and faster.

Fujitsu's PalmSecure™ technology, for example, uses contactless scanners to instantly identify users by their unique palm vein pattern.

**98%+** first-scan transaction success rate

**FRR = 0.01%** (rejection rate for authorized users)

**FAR = ~0.00001%** (acceptance rate for unauthorized users)

FRR = false rejection rate: The probability that the system fails to detect a match between the input pattern and a matching template in the database. It measures the percent of valid inputs which are incorrectly rejected.

FAR = false acceptance rate: The probability that the system incorrectly matches the input pattern to a non-matching template in the database. It measures the percent of invalid inputs which are incorrectly accepted.

In the case of PalmSecure, the probability of an unauthorized person falsely gaining access (FAR case) is about ~0.00001%. And the probability of an authorized person being incorrectly denied access is about 0.01% (valid for 1:1 verification).

## Combine biometrics with tokens or passwords to create two or multi-factor authentication.

See how it has helped
**Ferencváros Soccer Club**
create a family friendly stadium and increase security.

**Watch the video here**

Visit <u>choosepeopleoverpasswords.global.fujitsu.com</u> to learn more