

Will you be moving to six digits?

Mobile devices are now coming with six-digit passcodes right out-of-the-box, vastly increasing the effort required to crack into phones and tablets.

4 Character Passcode



10,000

Combinations to Hack

6 Character Passcode



1,000,000

Combinations to Hack

Time to hack



It takes just 18 minutes to hack a 4-digit numeric passcode.¹ **You could listen to Michael Jackson’s song “Thriller” three times in that span.**

With a 6-digit alphanumeric passcode, it would take cybercriminals 196 years to hack into a mobile device.² **The Olympics would have taken place 49 times in that period.**



Why add two more?

95%

of security incidents involve **human error**, including weak passwords³

15%

of all 4-digit passcodes are the **top 10 most common passcodes**⁴ (ex: 1234, 0000, 2580, 1111)

How should employees deal?

1 Incorporate Biometrics

Make sure security is still convenient by letting employees use biometrics tools on their phone like touch ID or voice recognition.

2 Listen & Communicate

Listen to employee feedback; ensure they understand and are trained on the risks of using insecure mobile devices.

3 Protect Mobile Data

Investigate ways to strengthen the security of corporate data living on mobile devices.

To learn more, visit

<https://securityintelligence.com/passcode-security>

References

1. iOS Hacker Handbook
2. iOS Hacker Handbook
3. IBM Security Services 2014 Cyber Security Intelligence Index (<http://www.ibm.com/developerworks/library/se-cyberindex-2014/index.html>)
4. Apple iPhone app developer Daniel Amitay