



安全：雲端、智慧電網、物聯網的共通問題

Part 4 : Security Issue of Cloud, Smart Grid and Internet of Things

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Scope of Cloud Security

雲端資安的四大範疇

用雲端
處理資安

**Dealing Security
issues using Cloud**

**Data Security
In the Cloud**

雲內部
的資安管制

**Security Issues
Inside the Cloud**

雲端資料
安全性

端本身
的資安威脅

**Security Threats
to Internet of Things**

以前你只有電腦需要防毒，現在



端

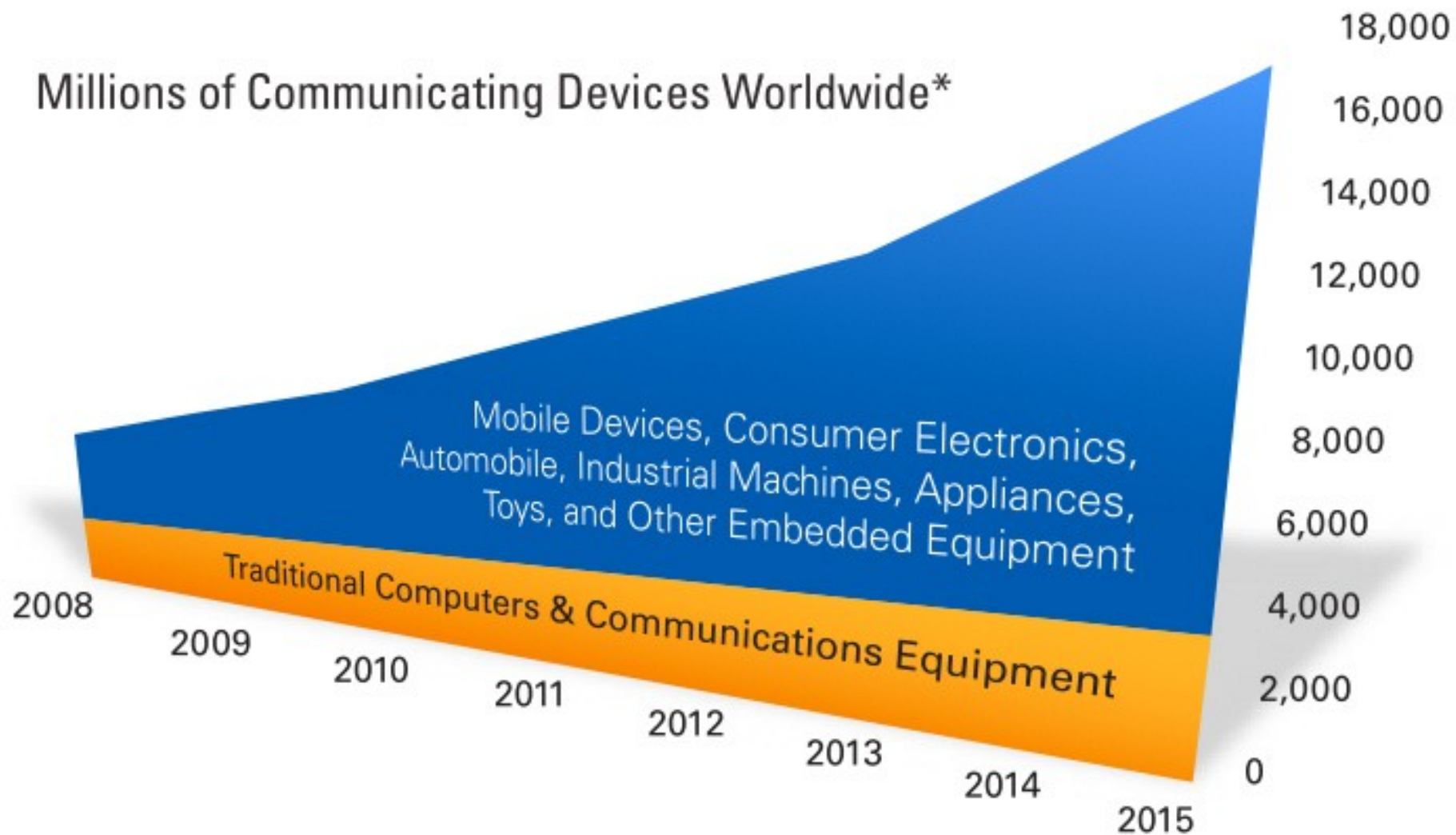
symbian OS



多元，中小廠

Diversify,
SMB

全球連網裝置急速成長中



Source: IDC Device Base Model, 2009

*Excludes voice- and SMS-only phones

物聯網的時代來臨

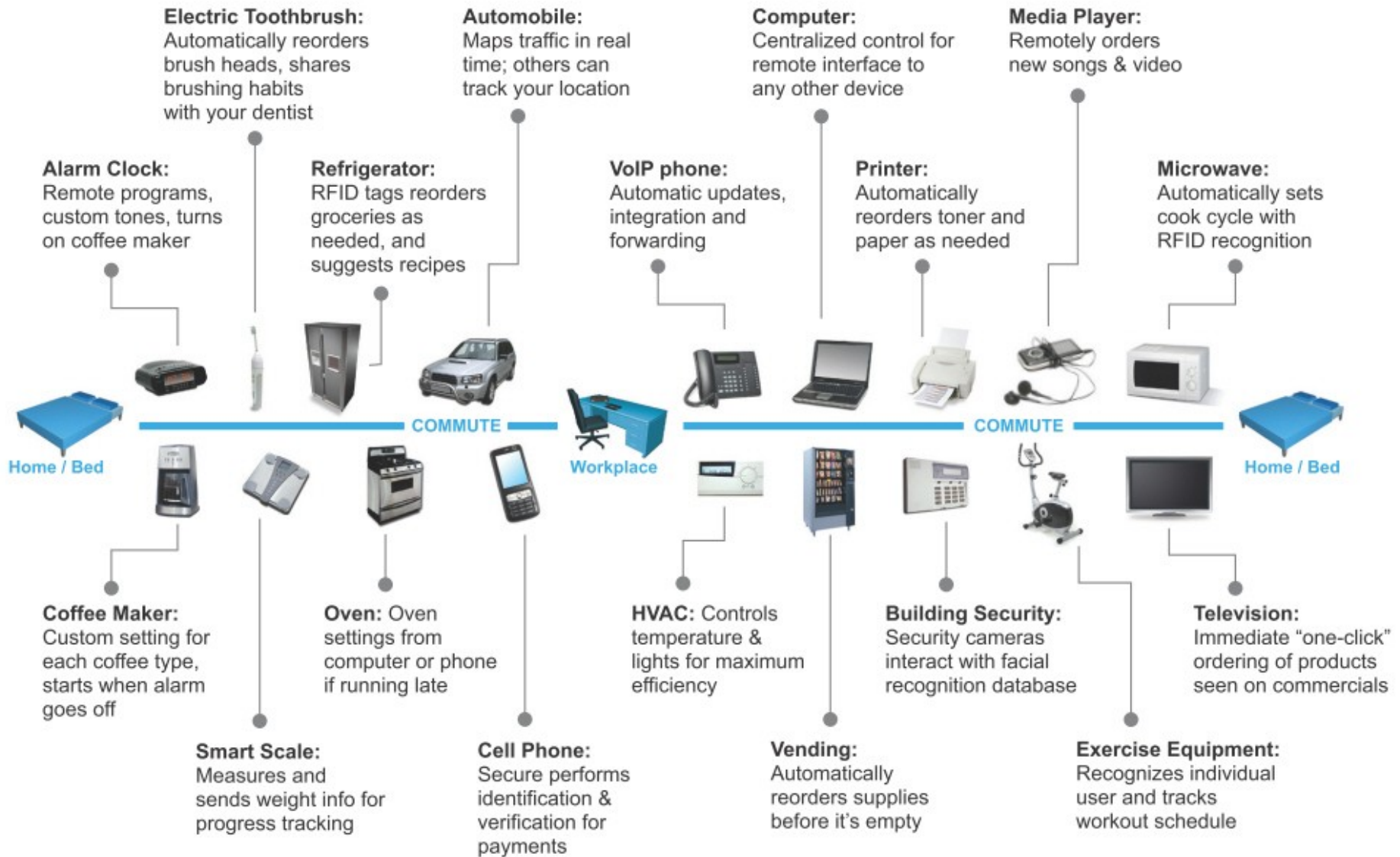
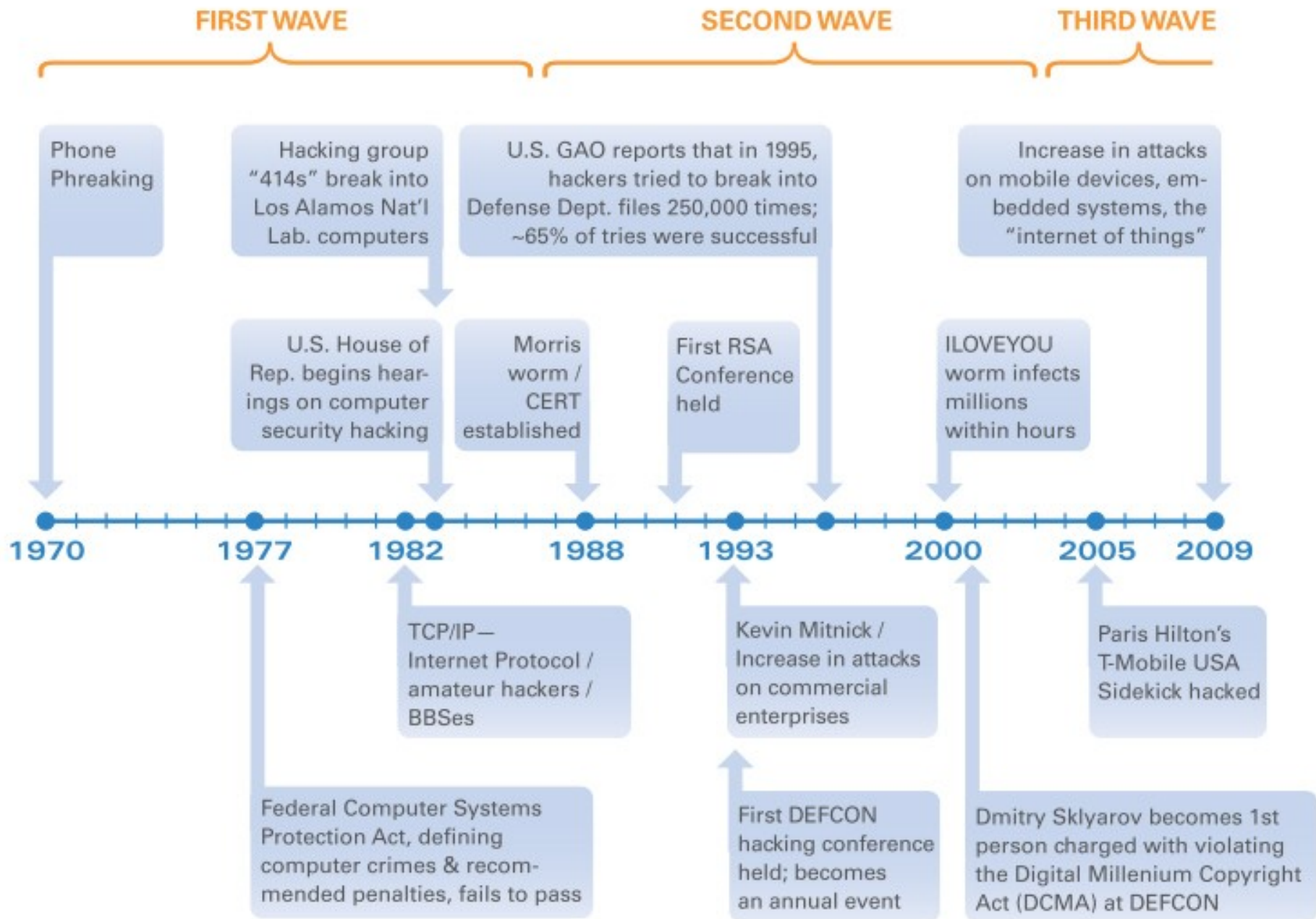


Figure 3. The Internet of Things

第三波網路入侵對象將鎖定在『物聯網』



針對行動裝置的各種資安問題與經驗

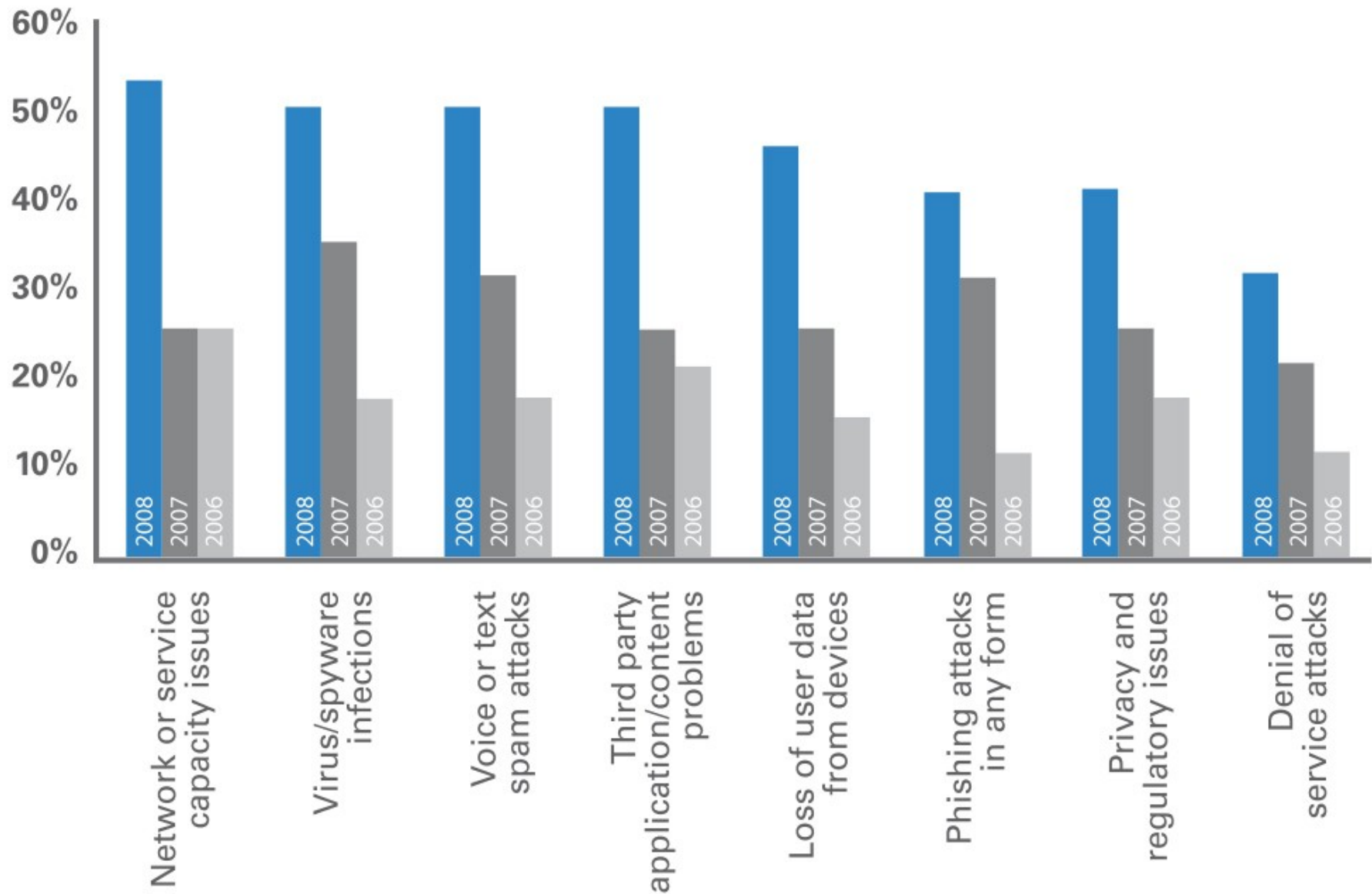
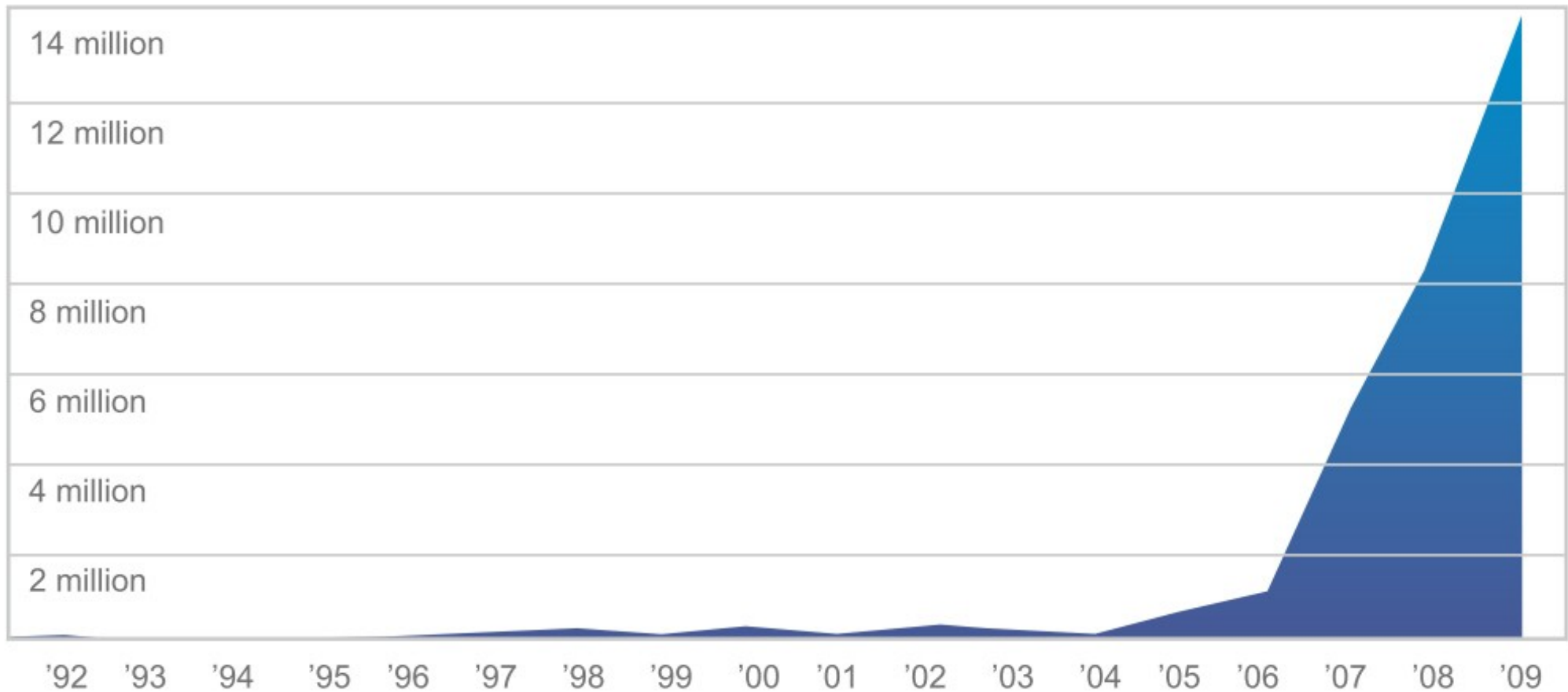


Figure 6. The increase in security issues experienced by mobile device users from 2006 to 2008; % of respondents. McAfee *Mobile Security Report 2009*

網路惡意程式 (Malware) 逐年激增

Malware detected by year



Over 3,000 new "species" of PC malware are released onto the Internet every hour. Now that malware is setting its sights on Device platforms.
Source: AV LABS

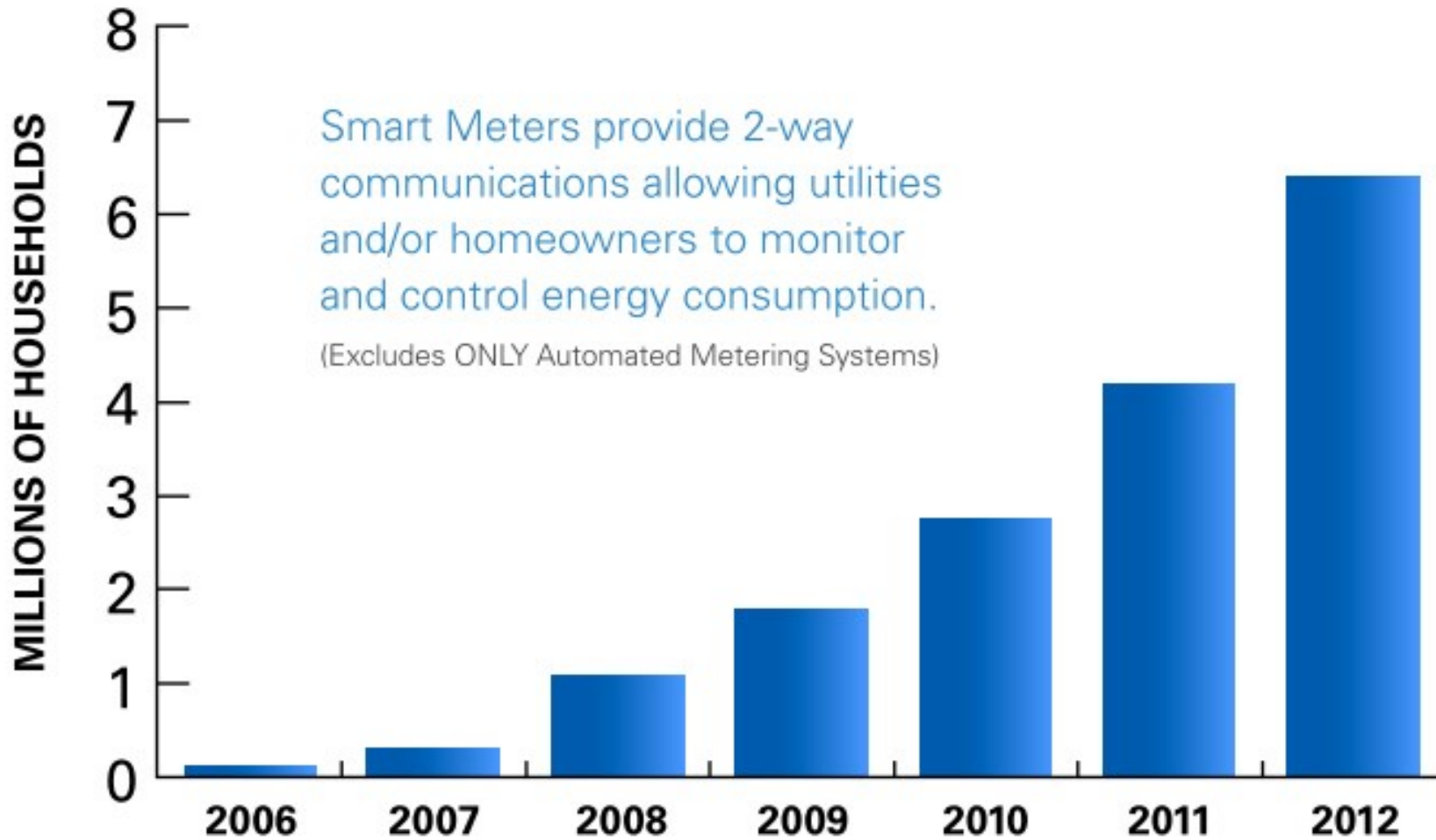
圖片來源：

U.S. Unprepared for Internet Device Flood: Unaddressed Security Problems & Talent Drought Threaten Long-Term Commercial, Government Interests

By: Kurt Stammberger, CISSP, Adrian Turner and Mat Small, Mocana With: Rich Nass, Sarah Friar, Goldman Sachs

如果你家的智慧電錶被入侵會怎樣？

U.S. Households with Smart Meters



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Questions?

Slides - <http://trac.nchc.org.tw/cloud>

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