

Mobile in SMAC BTW what is SMACS?

From: Manjunath M Gowda
i7 networks, *Agentless* BYOD network security



WHAT SMAC?

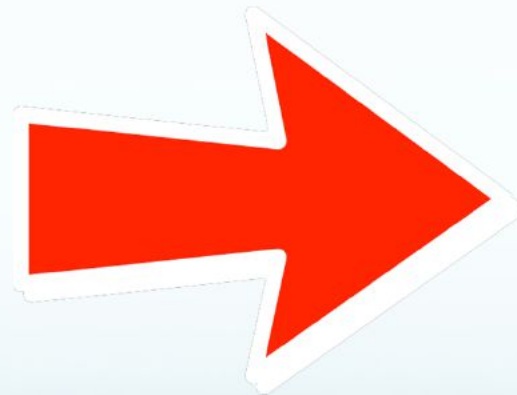


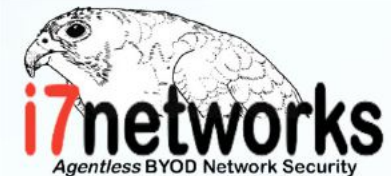
Mobile is the center of the **SMAC** universe; it is the one which drives all of it

Cloud is the backbone of Mobility
Analytics is the nerve center
Social is your mobile community

Imagine a world with all of Social, Analytics and Cloud but stuck to your laptop or desktop?

Is it SMAC or is really SMAC**S**????

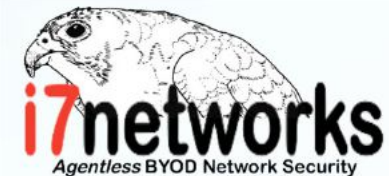




Personal mobile will enter enterprise for sure bring in a new way of working with higher – **collaboration**, **productivity** and **revenue**

Is the new **GenY** way of working

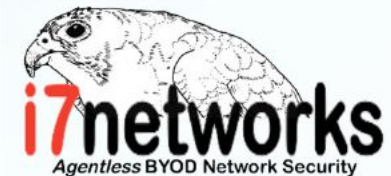
Legacy security wont be applicable at all and new ways will emerge.



BYOD or SMAC Security will be a major threat in 2014 and coming years.

Trojans like **mRats, Host-based jammers, Tunnel borers etc.** – look out for them – Target/SnapChat/Adobe

There is lot to secure for in this mobile world and I think that is where innovative solutions need to be developed



Biz incidents overview

79% business had a mobile incident last year alone (in 2012)

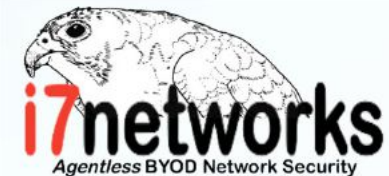
600%+ growth in mobile malware in last 2 years

18 Mn infected Android devices by end of 2013

35% growth in Android-malware just in Q2 2013 – the highest

71% mobile devices have OS / application vulnerabilities

> 30% are rogue Wi-Fis



Indian Biz overview

46% of Indian business have blocked use of mobile devices at work (ISACA)

90% of BYOD enabled Indian businesses had a mobile incident in the last 12 months (Sept 2013 – B2B International)

>50% android devices in BYOD enabled Indian businesses do not have any security software on their devices (Sept 2013 – B2B International)

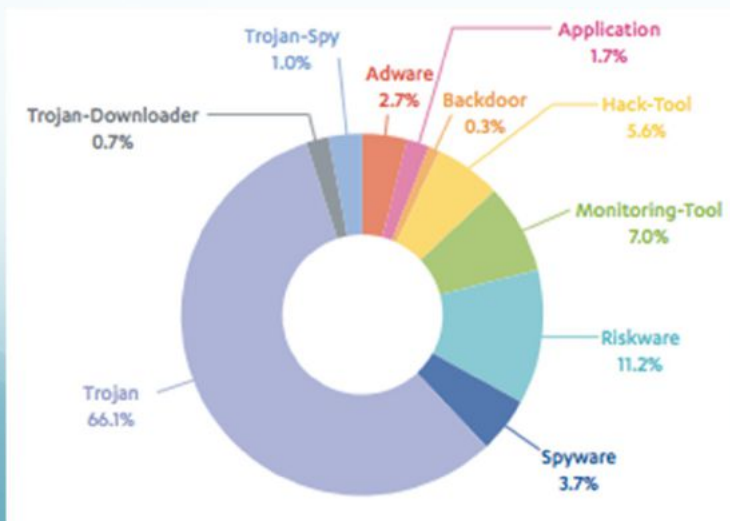
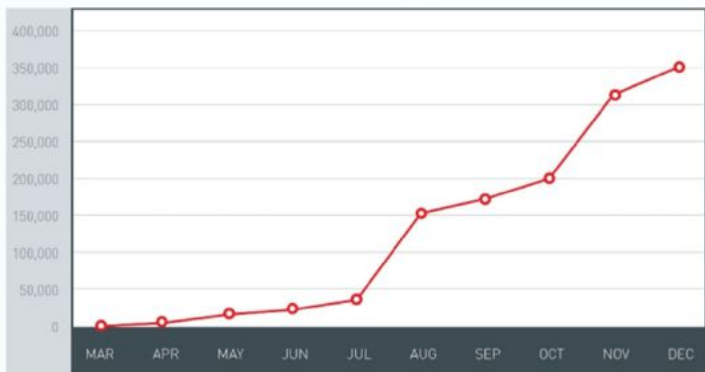
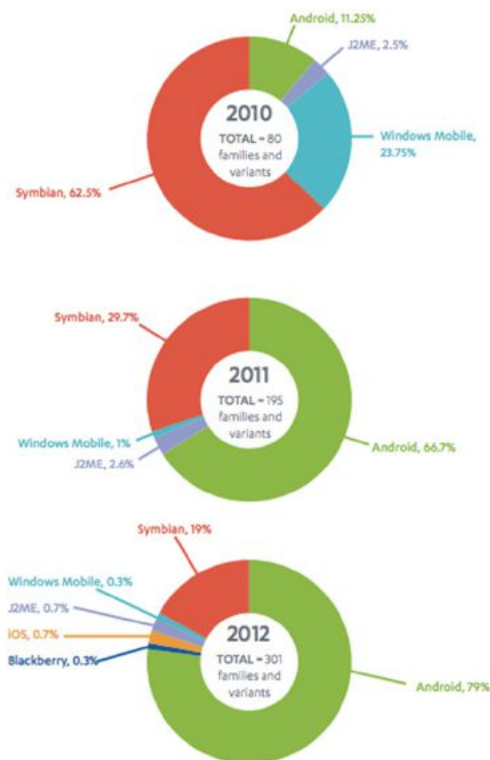
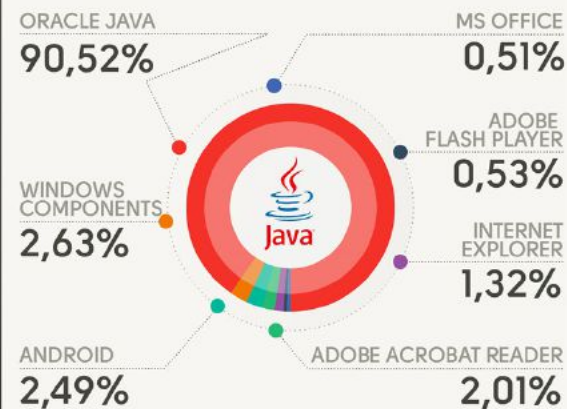


FIGURE 2: THREAT FAMILIES AND VARIANTS BY PLATFORM, 2010–2012

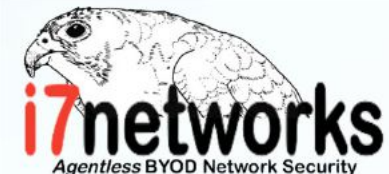


MOST ATTACKED APPLICATIONS IN 2013



twitter.com/Kaspersky

<http://kas.pr/re2013>



My predictions for 2014

- ❖ **BYOD /BYOA (CITE)** will become mainstream with “power in your pocket” is lot more powerful than what is given by the Enterprise. Will be a huge disruptive force pressurizing CIO to adjust fast
- ❖ **BYOD (mobile) security** will be huge, as major mobile enterprise breaches will happen
- ❖ **Host-based mobile security solutions for BYOD** - jammers will make it very ineffective as a security tool. (*Agentless way is the right approach* 😊)
- ❖ “Also mobile” will become **“mobile first” even in enterprises**
- ❖ **Internet of things (IoT)** will start showing its presence in enterprises in a substantial way