BYOD (Bring your own device)

Chartered Institute for IT – West London Branch

Charles Brooks
Principal Consultant

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Have you got one of these?

Which one of these integrates with your work systems?
BYOC – Bring Your Own Costume
Changing landscape of technology - 1999

- Year 1999
  - Go to the office to use the best technology
  - Desk tops that took over the whole desk
  - Laser printer
  - Scanner
  - Photocopier
  - Fax machine
  - Windows 2000
  - AOL number 1 search engine
  - Emails between 09.00 – 17.00
  - Everybody panicking about Y2k
Changing landscape of technology - 2012

• Year 2012
  – Stay at home to use the best technology
  – Users have the most advanced productivity tools at home
  – Laptops and Notebooks
  – Multi-functional devices
  – Smartphones
  – Tablets
  – Windows 8
  – Google number 1 search engine
  – 24/7 access to emails and Internet
  – Cloud technologies
  – Wi-Fi
  – Working from home
  – Channel shifting
    £8.62 per visit for face-to-face
    £2.83 per call for phone
    £0.15 per visit to a web site
Changing landscape of technology - 2016

• Year 2016
  – 4/5 people will have a smartphone
  – 4/5 people will have a tablet device
  – 60% of smartphones will be employee owned
  – 70% of tablets will be employee owned
  – Tablet devices will be more popular than laptops
  – Everything will be smart – smart TV, smart fridge, smart bath....
  – Cloud...............
Generations using Technology

**Generation Bloomers 1946 – 1969**
- Late comers to social media although now embracing it
- Facebook biggest growth females 55-65
- Family history and ancestry software engaged 55+

**Generation X born 1970 - 1979**
- Fully embrace email and fully embrace social media – Twitter, Facebook ....
- More than 50% of recruitment is through LinkedIn
- There are pockets of groups who will not change

**Generation Y born 1980 -2000**
- Do not generally use email
- Communicate through Facebook, Twitter, BBM
- Facebook is often the portal to all sites
- 65% of new staff joined their organisation due to a strong social media presence

**Generation Z born 2000+**
- Internet is regarded to be as important as food and water!
- Will benefit from BYOD, smart and technology advances
Future Trends for Mobile Technology

• There are now more iPhones sold every day than babies born
• 35m apps are downloaded every day
• 630m smartphones in 2012 (25% increase since 2011)
• QR codes is growing as a quick and easy access to information
• Mobile Visual Search is one of the latest technologies
What is BYOD?

• BYOD stands for “Bring your own device” to work
• Users bring their own devices into the work place – like a packed lunch!
• BYOD was sparked by the introduction of iPhones
• BYOD is gaining unstoppable momentum with new technology
• BYOD requests always peak at Christmas...or every time Apple release another product...
• Senior executives wanted to use their iPhone rather than a BlackBerry at work
• Users now want this latest cutting edge technology in the work place
• BYOD devices have access to organisation's email, file servers and databases
• IT departments used to drive technology, however this is now in reverse
• The concept of BYOD is a growing trend for business IT
• Mobile device management tools can help centrally secure devices
Benefits of BYOD

- Reduced hardware costs - cost shifts to the user in respect of providing hardware
- Increased customer satisfaction with users working with devices they prefer
- Access information any time, any places any where
- Enables more working from home
- Less training as users are self taught
- Less reliance, training and technical support from ICT staff
- Seamless communication
- Save the user carrying multiple devices – carrying two mobiles!
- Users upgrade their hardware more frequently than the common business 3 year cycle
- BYOD devices are more cutting edge and advanced
- Windows 8 will have a better set up for BYOD
- Citrix are now creating BYOD platforms
- BYOD makes the most of cloud technologies
Risks of BYOD

- Organisations lose control of IT hardware replacement cycles
- BYOD have led IT departments to adopt less restrictive policies
- Hard to enforce an “acceptable user policy” for a user’s own hardware
- Failure to have clearly defined policies for BYOD can create confusion
- Devices left unmanaged can potentially result in significant data breaches
- Failure to track and control access to corporate and private networks
- Retrieving and segregating data can be a problem when a user leaves the company
- Cost savings are difficult to realise
- BYOD has a lot of security needs and requires mobile device management
- Problems arise when the device is damaged or stolen and is not insured
- Users want some financial incentive
BYOD Case Studies

• Social housing has been slower to embrace BYOD in comparison to other sectors
  – NHS
    • Trusts in Liverpool are subsidising staff to purchase iPads
    • 40% of Doctors carry iPads on wards
  – Local authorities
    • Leeds City Council is supporting a BYOD program called BYOD Light for 6k staff
    • All staff have a choice of which smartphone they prefer
    • They are now device agnostic by enabling apps to sit on multiple platforms
  – Education
    • Bishop Burton College has recently started a BYOD program for all 3k students
    • Cheaper to enable BYOD infrastructure rather than purchase notebooks
  – Private Sector
    • Ford started their BYOD policy in 2007 with enabling email with any device
    • IBM will support 200,000 BYOD by the end of 2012
    • Citrix gives each new employee £2k to purchase BYOD when they join
  – Social Housing
    • Very few case studies and only some small scale examples
    • BYOD has been slow off the mark – why?
Things to consider

• The BYOD movement has gained unstoppable momentum
• We are going through a transitional period for BYOD
• By 2020 “BYOD will be run by 70-80% of organisations” – Citrix CEO
• BYOD should not be seen a way to cut costs or reduce ICT support
• Some analysts predicting “BYOD novelty will die down” – Computer Futures
• Need to review staff terms and conditions
• Tax implications?
• Goal is to provide more choice to the user base and create a more attractive workplace
• IT departments need to have in place clearly defined BYOD policies
• To spec out applications and/or middleware enabling device agnostic access to systems
• Are your software licencing contracts compatible with BYOD?
• BYOD enables device independence
Bridging the Gap for You

cbrooks@sovereign-plc.co.uk
07972 211 084