



UNIVERSITY OF
WOLVERHAMPTON

Cyber Essentials – meeting the standards

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CE – An Unexpected Journey

(Deborah Green)



Establish the Need



Establish the Team

CE – An Unexpected Journey



CE – An Unexpected Journey

Time

- 6 months
- ...and
another 6
months!





Cost





Quality

Mobile Phones and Tablets



Create a sense of urgency

- Cannot continue as we are
- Best option for University and staff

Guiding coalition

- Project board
- University executive buy in

Develop the vision

- Vital for achieving cyber essentials
- Route to enabling personal device access

Communicate the vision

- Executive messaging, roadshows, team talks
- Unions
- "Are you sure you can't see my browser history?"

Remove barriers

- Lots of handholding and support
- Technical and tricky to follow
- Phased rollout

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- Covering future mobile device costs





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- Blocking unsupported operating systems
- Enabling apps





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- Or not....





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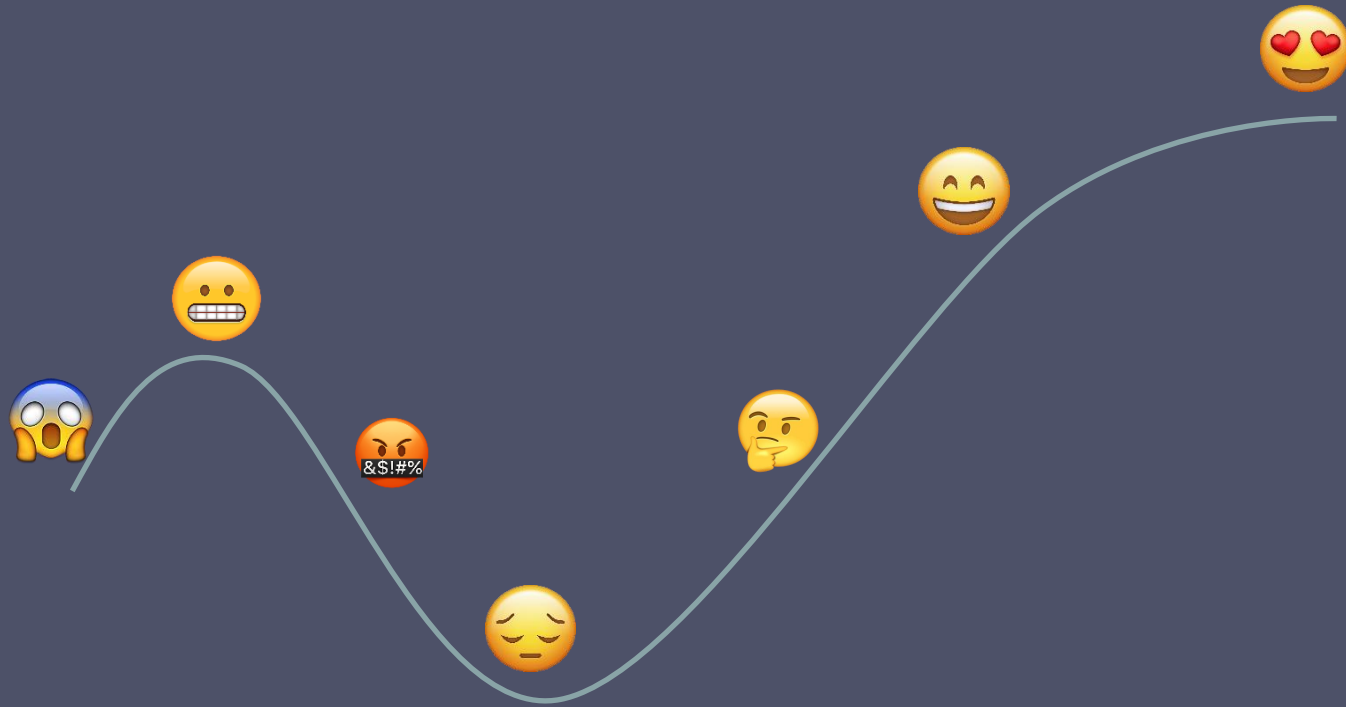
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Blocking Personal Laptops and PCs





Shock

Disbelief
Little feedback





Shock

Disbelief
Little feedback



Denial

Impossible





Shock

Belief



Denial

Impossible

Frustration

Unions
Implications
Exemptions /
Exceptions





Depression

Apathy
Giving up

Experiment

Improved security
Stick before carrot?



Decision

Discovery
University support



Experiment



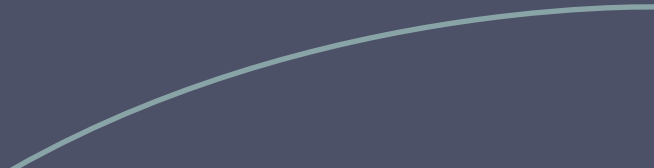


Integration

Transfer to BAU
New improvements

Decision

Discovery
University support



What next?

- An ever-changing standard
- Unsupported applications
- Mandatory training
- New project for Evendine



Was it worth it?

- Achievement of CE
- Government and research contracts/bids are easier to submit/deliver
- Vastly improved security position
- Security > Flexibility?
- CE $\neq$ Protection





THE UNIVERSITY OF OPPORTUNITY