

# The UK Cyber Security Strategy

December 2014



**NR.IFCTIVE 1** 



MAKING THE UK ONE OF THE MOST SECURE PLACES IN THE WORLD TO DO BUSINESS ONLINE



750 organisations in CiSP: the Cyber-security Information Sharing Partnership for industry & Government



Cyber Essentials: 5 critical controls to protect businesses from common cyber threats



Cyber security exports £1.040bn in 2013, 22% increase on 2012 & on track for £2 billion target by 2016



Guidance: '10 Steps to Cyber Security & small business version

#### AND TACKLING CYBER CRIME



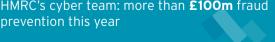
National Cyber Crime Unit in the National Crime Agency: 30 live domestic & international operations to disrupt serious cybercrime



9 cyber units in each of the Regional Organised Crime Units: over **85 live operations** 



HMRC's cyber team: more than £100m fraud prevention this year





### **OBJECTIVE 2**



A UK THAT IS MORE RESILIENT TO CYBER ATTACK AND BETTER ABLE TO PROTECT OUR INTERESTS IN CYBERSPACE

**CERT-UK**: new Computer Emergency Response Team for national incidents & international CERT liaison

**GCHQ** working to detect & defend against cyber threats

All local authorities & councils on the Public Service Network

# £860 million

over 5 years, delivering the UK Cyber Security Strategy

## **ORLIFCTIVE 3**



A UK HELPING TO SHAPE AN OPEN, VIBRANT AND STABLE CYBERSPACE THAT SUPPORTS OPEN SOCIETIES

> Ongoing series of 'London Process' global **conferences** shaping the debate on cyberspace

15 international visits to the UK hosted by FCO

30 International Cyber Security Capacity Building Fund projects



### **NR.IFCTIVE 4**

A UK THAT HAS THE CYBER KNOWLEDGE. **SKILLS AND CAPABILITY IT NEEDS** 

#### SCHOOLS

Cyber security in computer science GCSE

#### **APPRENTICESHIPS**

200 Tech Partnership entry-level jobs, first HMG & industry apprenticeship frameworks

#### **CAREERS & PROFESSIONALISM**

Initiatives for computer science students & graduates:

- Cyber Security Challenge & Cyber Growth Partnership: mentoring & 'cyber camps'
- Campaign via **Graduate Prospects** website
- Virtual hub for those joining or in the field

#### HIGHER EDUCATION

4 Higher Education Academies

6 Master's degrees in General Cyber Security certified by GCHQ

#### RESEARCH

3 Research Institutes

11 Academic Centres of Excellence in Cyber Security Research 2 Centres of Doctoral Training, 66 PhDs from 2017

#### WIDER EDUCATIONAL SUPPORT

24,127 sign ups for first round of Open University's Massive Open Online Course "Introduction to Cyber Security"

#### **AWARENESS RAISING**

Cyber Streetwise campaign: Over 2 million more adults use safer online behaviours after phase 1