

## **United Kingdom helps bring the next generation of the Internet security to a PC near you.**

From the 15th July, Internet security becomes more of a reality when Internet users will be given the ability to verify that they are not being deceived by a forged web site or email account.

Many of us have no idea who or what is behind the inner workings of the Internet – millions of us use it everyday and it just works. The University of Bath Innovation Centre is at the heart of this next phase of the Internet's development in conjunction with UK based CommunityDNS – a global Internet company, which is unknowingly used by millions of us every day.

CommunityDNS CEO Paul Kane, Bath resident and Internet pioneer, has been selected by the global Internet community as one of only seven people in the world appointed as a Trusted Community Representatives – Recovery Key Shareholder.

The International community, comprising governments, private sector organisations and Internet users, chose Paul from over 60 candidate nominations from the European region for his unrivalled contributions to Internet security over two decades.

### **Quotations**

Ed Vaizey (Minister responsible for Communications, Culture and Creative Industries): "It is wonderful to see UK companies innovating and leading the world in the field of Internet security. It is vital that we consistently strive for excellence when enhancing user confidence in the online environment."

Vint Cerf ("frequently referred to as Father of the Internet"): heralds this security "event as comparable to the arrival of the world-wide-web in terms of its enabling capabilities"

and

"More has happened here today than meets the eye. An infrastructure has been created for a hierarchical security system, which can be purposed and repurposed in a number of different ways. So, I would suggest that although we started out putting this system together to assure that the domain name look-ups returned valid Internet addresses, but, in the long run, this hierarchical structure of trust will be applied to a number of other functions that require strong authentication; and so you will have seen a new major milestone in the Internet story."

Paul Kane (CEO, CommunityDNS): "I'm honoured and excited to be recognised for past achievements and current contributions to the global Internet security as we add additional tools to allow the end user to feel more confident in their use of the Internet"

and

"We are very pleased to be part of stimulating innovation in the Bath area and see the University of Bath becoming a global centre of excellence for enabling Internet technologies."

Simon Bond (Director, University of Bath Innovation Centre): "University of Bath, and the Innovation Centre in particular, is delighted to be at the forefront of fostering an environment of cooperation and creativity."

### **About the Process:**

<http://www.CDNS.net/key-signing.html>

### **About CommunityDNS:**

[http://www.cdns.net/about\\_us.html](http://www.cdns.net/about_us.html)

### **About Bath Innovations Centre:**

<http://www.bath.ac.uk/bathventures/forbusiness/innovationcentre.html>

### **Contact**

Dr Vicky Just  
Press Officer  
University of Bath  
Email: [vjj21@bath.ac.uk](mailto:vjj21@bath.ac.uk)

Simon Bond  
Director, University of Bath, Innovation Centre.  
+44 (0)1225 388711

Note: Whilst Paul Kane is the only person from UK - globally there are 21 Trusted Community Representatives comprising: 14 Crypto (Inspection) Officers, 7 Recovery Key Shareholders (Disaster Recovery Officers).

### **Hardware used – UK manufacturer:**

[http://www.gss.co.uk/products/index/Encryption\\_Solutions/AEP\\_Networks/AEP\\_Net/](http://www.gss.co.uk/products/index/Encryption_Solutions/AEP_Networks/AEP_Net/)



Paul Kane at one of CommunityDNS's Labs.



Simon Bond, Director, University of Bath, Innovation Centre and Paul Kane



First Root Signing Ceremony – Secure Data Centre – USA



Monitoring Room – Network Operations Centre



All photographs available as .JPG on request.  
bizdev@CommunityDNS.net