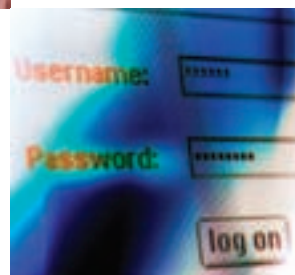


# Cyber Security Knowledge Transfer Network

Cyber Security

Knowledge Transfer Network

Protecting our information,  
our businesses and ourselves



# What is the Cyber Security Knowledge Transfer Network?

The Cyber Security Knowledge Transfer Network (KTN) is the focal point for UK expertise in cyber security issues and technologies. It is an independent, business-focused member network, funded by government and managed by QinetiQ on behalf of the Technology Strategy Board. It acts as an advisory body for issues related to e-crime and information security.



## What does it do?

The Cyber Security KTN connects government, industry and academia to solve problems, develop innovative ideas and support the growth of UK business expertise in the e-security market. It is focused

on exploitable output. It only supports activities that will have a demonstrable impact on the UK's security baseline, the wealth of the economy, and the productivity of the country.

## What services does the KTN provide?

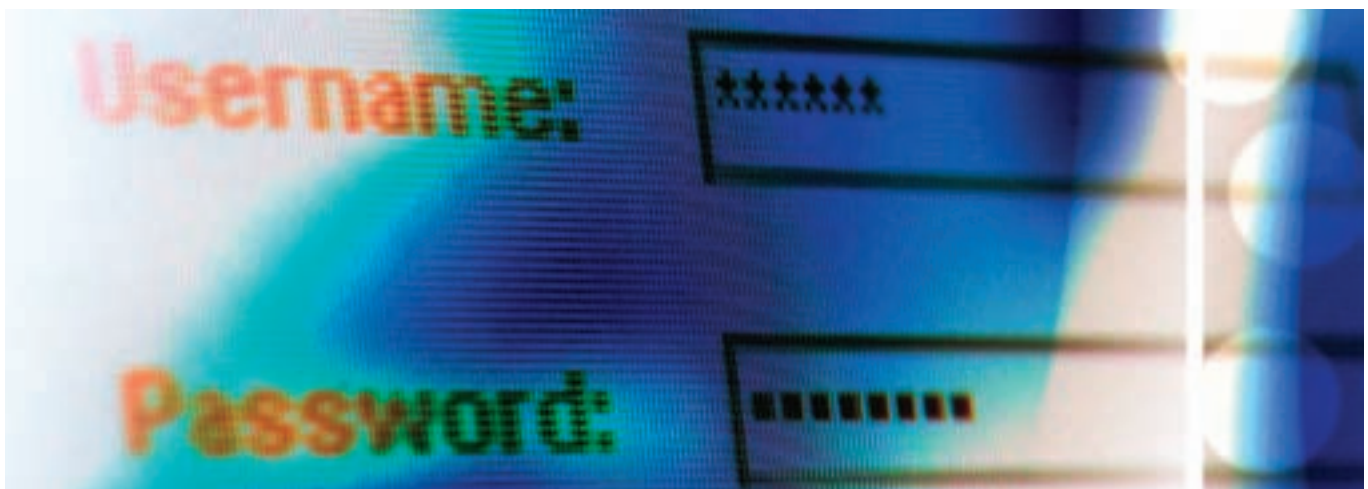
The KTN helps industry form Special Interest Groups (SIGs) focused on some of the key cyber security issues to be addressed. These stimulate collaboration between government, academics, business leaders and IT professionals, and encourage them to share ideas and resources.

Topics explored by SIGs include making the development process for computer software more secure; finding new ways to measure the scale of security threats; how to assess the effectiveness of IT security technology; how to understand data privacy compliance; and how human activity combined with poor design can lead to security vulnerabilities.

The KTN also produces white papers for government and industry, aimed at addressing cyber security concerns and issues. The KTN's Privacy Special Interest Group's (SIG) White Paper on Privacy Engineering was adopted by the Information Commissioner's Office (ICO) in its own White Paper on Privacy by Design.



Each month the KTN also produces a free electronic newsletter containing news, reports, and upcoming events, to keep the cyber community up-to-date with the latest developments affecting their industry.



# KTN benefits

The Cyber Security KTN awards small grants that enable businesses and academics to work on vital research. Recent funding enabled Object Security, a Cambridge-based SME, to produce a detailed report on understanding Service Orientated Architecture (SOA), and how it can be used to improve e-security across the IT industry.



The KTN's recent funding has helped SMEs identify how well they are equipped to cope with e-security problems. It provided financial support for the Business Crime Reduction Centre (BCRC), to produce a user-friendly guide on the threat of e-crime, and how to prevent it, aimed at SMEs.

The KTN also encourages businesses to take part in research and development competitions. These drive innovation, industry collaboration, and inform the government on future funding strategies relating to cyber security issues. Successful competition winners can receive up to £50,000 for their research projects.

## Engaging with government

The KTN advises government on how it should invest in issues related to e-crime and information security. It has contributed to ongoing parliamentary initiatives examining internet governance, and provides independent advice to central Government and Parliament regarding cyber security challenges.

## Engaging with industry

The KTN is a good starting point for companies seeking access to research funds or investment to develop ideas into products and services. It acts as a matchmaker for industry collaborations and facilitates CASE awards. These provide funding for businesses to take the lead in arranging projects with an academic partner of their choice. The funding offers SMEs excellent research and developments opportunities, and universities benefit by developing their links with industry.



## Engaging with academia

The KTN stimulates the development of bright ideas into innovative products and services. It helps academics clearly communicate new ideas and opportunities to businesses. It recently worked with Kent University to produce a report on the future of biometrics and business opportunities for UK industry.

## Soundbites

'The Cyber Security KTN is a valuable UK government affiliated source for specialised information, small grant funding for cyber security research projects and high calibre speakers.'

*Edward P Gibson, Chief Cyber Security Advisor, Microsoft Ltd, UK*

'The Secure Software SIG has brought to the forefront of UK businesses the important issues, from a vendor and analyst independent perspective.'

*Sarb Sembi, Consultant*

'The KTN offers a fresh perspective on how to develop solutions to security problems. It really has a unique purpose in the cyber security industry.'

*David Lacey, British Computer Society (BSC) Forum*

'Conferences and workshops produced by the Cyber Security KTN are raising awareness of current threats, and are facilitating the development of security management knowledge, which is underpinned by the concept of resilience.'

*Dr. Peter R.J. Trim, Director of the Centre for Advanced Management and Interdisciplinary Studies (CAMIS), Birkbeck, University of London*

'Working with the Cyber Security KTN has really allowed the Business Crime Reduction Centre to progress its work on e-crime with SMEs. It has given us an excellent platform to discuss our work and take it to a national audience.'

*David Stockdale, Head of Unit, Business Crime Reduction Centre*

# KTN membership

Membership of the Cyber Security KTN is free and benefits include:

- Access to expertise across industry, government and academia
- Direct contact with new customers and partners
- Forums for influencing joined-up investment across government and industry
- Regular free KTN newsletters and updates



## Knowledge transfer and networking opportunities

The Cyber Security KTN is the starting point for businesses that want to solve cyber security problems in partnership with other organisations, sectors and groups. The KTN runs workshops, conferences and events designed to bring industry, government and academia together to work on pressing problems such as privacy, secure software development and human vulnerabilities in information systems.

## KTN events, past and present

KTN events are well respected across all security sectors for facilitating ideas and collaboration that generate real, tangible results. Events cover topical issues, such as security threats in the workplace, the economics of information security, and the role of artificial intelligence in future security systems.

The KTN holds an annual conference attended by industry professionals from all sectors. KTN events are often free-of-charge, and have proven valuable for networking and cross-sector working.

## KTN future

The Cyber Security KTN continues to address the latest e-security challenges. This year it will be responding to government and industry concerns on emerging issues such as the future of cloud computing, risk management, privacy, human vulnerabilities and security standards.

The KTN will continue to expand its expertise in the UK and Europe in the future. It is forging links with security professionals in Paris and Belgium, acting as a facilitator for collaborative working to solve cyber security challenges across the continent.

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## How to join

The Cyber Security KTN is free and easy to join. Simply visit this link to sign up for the KTN and start receiving members' benefits: [www.ktn.qinetiq-tim.net](http://www.ktn.qinetiq-tim.net)

## Contact details

To find out more about the Cyber Security KTN and its activities, please contact:

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