SH&BA
Smart Homes and Buildings Association

KTN
the Knowledge Transfer Network

SMART HOME BREAKTHROUGH

Assuring trust in Smart Home Systems for Consumers

19 November 2015
RIBA, 66 Portland Place, London W1B 1AD

TOPIC	SPEAKER // THEME	TIME
ARRIVAL	Refreshments	09.30
WELCOME	Conference Chairman: COLIN ROBBINS, *Managing Consultant, Qonex*	10.00-10.05
OPENING KEYNOTE	**Securing the Smart Home – Best Practices** RICHARD CURRAN, *Security Officer EMEA, INTEL Corporation*	10.05-10.30

CONSUMER /
RETAIL PERSPECTIVE
	// The home user will inevitably buy different products from different vendors
	// Does the home user have the skills and motivation to get them to interoperate SECURELY. Are they aware of the security trade-offs?
	// What is the role of retailers?
		10.30-11.30

	How do retail organisations build trust in the smart home? Steve Moore, Director of Connected Home, Dixons Carphone	
	What is necessary for a Smart Home breakthrough? Joey Tang, Business Unit Manager, Added Value Concepts, Euronics International	
	What is the role of consumer organisations? Michael Briggs, *Head of Research & Content Creation - Technology & Cars, Which?*	
PANEL DISCUSSION	Chaired by ADAM SIMON, *Managing Director of Retail Business Development at CONTEXT*	
NETWORKING & COFFEE BREAK		11.30-12.00

INDUSTRY PERSPECTIVE	// How should all of this fit together?
	// What does good (not best) practice look like?
	// What can be developed to increase trust?
		12.00-13.00

	Need for an architectural framework / model Jon Carter, UK Head of Business Development - Connected Home, Deutsche Telekom AG	

	How can you trust the solution
	// What is the role of Kitemarks
	// How do you implement a grading system?
	  • Representing the Privacy / Cost / Utility tradeoffs
	// How can this operate at different levels in the architecture?
	  • Product, home network, household, local area, town...
	Tim McGarr, Market Development Manager ICT & Asset Management, BSI	

	Industry Viewpoint Bernd Grohmann, CTO, eQ-3	
PANEL DISCUSSION	Chaired by Carl Shaw, Director, MathEmbedded Ltd Panel: Carmi Bogot, CTO, PACE International; Jon Carter, Deutsche Telekom, Tim McGarr, BSI and Bernd Grohmann, eQ-3	

TOPIC	SPEAKER // THEME	TIME
NETWORKING LUNCH		13.00-14.15
SOCIETAL IMPACT / GOVERNMENT PERSPECTIVE	// What are the larger societal impacts if we don't get security right? // What safeguards are needed to make sure we do get it right?	14.15-15.15
	Societal Impact if we get security wrong // A view on security of the IoT from the Horizon Digital Economy Research Institute DEREK MCAULEY, *Professor of Digital Economy, University of Nottingham*	

	Government View
	// What is the aggregated risk/impact across a town/city if the integrity of the system fails?
	// Whose responsibility is to "worry" about this?
	// What initiatives do the government have in place?
	RICHARD BACH, *Assistant Director – Cyber Security
		Digital Economy Unit. Department of Culture Media and Sport*	

	Who gets the blame when it goes wrong?
	// The consequences of failure to secure; who pays and why?
	// System longevity and foreseeability
	// Personal injury vs simple financial loss
	ROBERT CAROLINA, Executive Director, Institute for Cyber Security Innovation & Senior Visiting Fellow, Information Security Group, Royal Holloway University of London	

CLOSING PANEL SESSION	Panel members to finalise	15.15-15.45
	Conclusions Call to action Chaired by COLIN ROBBINS, *Managing Consultant, Qonex*	

CONFERENCE SUMMARY

Growth in the sale of smart home products and services has arrived, but there is a barrier, some would call it the elephant in the room, namely the real or perceived risk of security breaches leading to loss of private data through interference in smart home devices.
To achieve breakthrough, the technology industry working with Retailers and Government, needs to address these challenges comprehensively.
This conference, brought to you by the Smart Homes & Buildings Association and KTN, brings together leading experts from many disciplines to address those issues from the viewpoint of senior executives.

CONFERENCE TOPICS AND SPEAKERS

The conference will be split into three sections – i) Consumer/Retail ii) Industry and iii) Societal Impact/Government.

We will address questions such as:
• How can retailers and operators assume the role of trusted advisor to consumers when they make their Smart Home choices?
• What advice should be given to consumers, what support is needed and how can the potential for cyber risk be minimised?
• What do manufacturers need to do to supply appropriately resistant products and services?
• What best practices need to be in place such as certificates of conformance, adherence to regulations and badges of security assurance?
• What role should Government play to disseminate awareness of the risks and minimise societal impact through regulation?

Our speakers are all experts from Retail, Consumer associations, manufacturers and Government.

At the end of the Conference we will have provided actionable ideas in each of the main topic areas and contributed towards work that delivers a more secure smart home environment. Each participant will receive a copy of "Cyber Essentials for the Home", a document published by SH&BA to help consumers manage the risk of connecting objects in their home, and launched at this conference.

WHO SHOULD ATTEND?

The conference will be of interest to:

• Retailers - CEO, heads of Strategy and Marketing, Risk management and Business Continuity, Buying and Merchandise Directors and Smart Home product buyers
• Industry - CEO, heads of Strategy & Product Development, Sales Directors, and heads of Security
• Government - policy makers with responsibility in consumer affairs, critical national infrastructure and cyber security

REGISTRATION

Please register your interest in attending to https://smart-home-breakthrough.eventbrite.co.uk
The delegate cost for the conference which will last from 10am to 4pm, and includes lunch is £80+VAT.