

BT Group



Building the future of Cybersecurity: BT Security Innovation Hub

Ruhma Tahir



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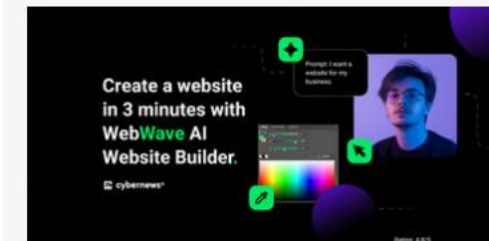
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Vilius Petkauskas, Deputy Editor



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by Cybernews Team [16 April 2024](#)

Looks like the attackers are winning!



Cybersecurity innovation has evolved in siloed manner.

Digital transformation is an imperative to maintaining a long-term sustainable business.

BT Security Innovation Hub

- A world class cybersecurity innovation ecosystem that catalyzes innovation, fosters collaboration and spearheads the development of cutting-edge security solutions.
- By working together, we'll enable the creation of innovative solutions that drive the necessary pace and scale of change needed to meet the industry challenges of tomorrow.

Objectives and Goals

- Protecting and empowering societies by working on pioneering technologies, collaborative intelligence sharing and new open standards.
- We are committed to pushing the boundaries of what is possible in cybersecurity, leveraging emerging technologies to advance the field.
- Fostering a collaborative network that bridges the gap between industry, academic institutions and government agencies enabling co-innovation to solve pressing cybersecurity challenges.
- Developing partnerships and shared platforms that facilitate real-time intelligence sharing and coordinated response strategies, enabling co-innovation and cybersecurity resilience.



Strategic Focus Areas

- **Future Fit Security Culture**

- Vendor agnostic platform integrating advanced technologies
- Enabling differentiation, adaptability and quicker time to market through use of open cybersecurity architectures and frameworks.

- **Innovation and threat Intelligence**

- Innovation initiatives to stay ahead of threat actors by developing proactive defenses based on the latest threats.

- **Impact and Global Outreach**

- By sharing our findings and innovations, we aim to significantly enhance global cybersecurity practices and standards.
- We are creating an incident response framework that can be adopted globally to ensure rapid and effective response to cyber incidents.



What makes an Innovation Hub?

Our Innovation Hubs are tailored to suit specific industry needs but here's an overview of what's at the core of any hub.

- World class showcases aligned to key industries
- Industry labs and co-creation spaces
- Online presence for publishing collateral from research and global academia
- Defined process to turn ideas into products
- Testbeds/sandpit to trial solutions
- A co-innovation programme including the showcase, hothouse and lab environments
- Wider Adastral capabilities engaged (5G network, IOT network, drones facility, robotics)
- Visiting experts and students collaborating to define future tools
- Industry defining competitions and events
- Managed portfolio of live customer trials and projects
- Thriving start-up cluster



Our Communities

Our Innovation Hub will thrive through collaboration across a number of unique communities.

Industry partners - We create satellite locations around the UK with our major partners meaning we can be present at a range of end user locations. This gives us first hand knowledge in undressing customer needs and allows us to explore how new digital technology could be used to solve them.

Solution Providers - We engage with a broad set of capability and technology providers to scout for the best potential solutions to problems. These communities also allow us to foresee future commercial technologies that are yet to mature from laboratory prototypes.

Academic Partners - We can look at potentially ground breaking new technology to some of today's most difficult issues by engaging over with over 40 academic partners BT has around the globe, from Cambridge and Bristol in the UK, to MIT in the USA and Khalifa University in Abu Dhabi and Tsinghua University in China.

Industry specific bodies - BT has developed partnerships with many of the UK's leading industry bodies across multiple sectors. These bodies are longstanding and world recognised, with a prowess in collaborating across a wide range of users and providers, specifically focusing on how the end solution can be integrated into every day use.

Our facilities

We will have a number of industry leading facilities available to Innovation Hub

Innovation Showcases

Spread across 2 exciting locations, London's One Braham and Suffolk's Adastral Park

Hothouses, Hackathons and Labs

BT has developed a number of facilities to help develop and accelerate new ideas and technology

Collaboration Space and Live Testbed

We've created a dedicated spaces for members of our Innovation Hub to come together to work on projects

Event space

Exhibition Hall, Conference rooms, Lecture Halls and more





Hothouses, Hackathons and Labs - BT has developed a number of facilities to help develop and accelerate new ideas and technology. The **Hothouse** is a proven facility that helps fast track weeks of work into a few days. **Hackathons** bring together the right people to bootstrap prototypes in mere hours through an intense but highly enjoyable environment. And BT's **Laboratories** offer unique spaces to develop and test new ideas.

Collaboration Space - We've created unique spaces for members of our Innovation Hubs to come together to work on projects. Located in close proximity to our other facilities such as the Showcases and Labs, these spaces offer unprecedented access to our world class facilities. We also have online facilities such as forums to allow for remote collaboration - making collaboration on a global scale easy.

Events, Competitions and Trials - To help make new ideas a reality we'll be hosting a range of events and competitions to give innovators the chance to get their ideas in front of industry experts. And we'll be providing the opportunity to test new ideas in real-life scenarios via our Customer Trials and Industry Trial facilities.

Adastral Park - Located in Suffolk, Adastral Park is home to BT Labs and the heart of BT's research. Here you can experience over 300 demos in our Showcase Centre, visit the Network Operations Centre, our 5G labs, Drones & Robotics Labs, and speak with our world-renowned research experts about topics like AI, Blockchain, advances in cyber security and more. Adastral is also home to Innovation Martlesham, (tech-cluster of 150+ companies), the University of Suffolk's DigiTech Centre and the Tommy Flowers Network.



Key capabilities

Collaborate



Bring together industry experts, researchers, academics, start-ups, standard bodies to address cybersecurity challenges

Co-Create



Co-create solutions on vendor agnostic testbed to the address the challenges

Validate



Validate quickly with a range of stakeholders in the ecosystem - adapting, pivoting and reusing ahead of rollout

Showcase



Physical or remote access to the latest cybersecurity innovations



Thank you

BT Group

