



## Newsletter: March 2023



It's been a while since our last newsletter, and a very busy time here at Arculus! LivTech Solutions and Arculus Cyber Security have come together to form Arculus Group to bring our customers the best of both. We are a dedicated team of highly experienced cyber security professionals. We have leading industry credentials and certifications and work relentlessly to achieve successful security outcomes for our clients.

We are very excited to have launched our new website! Check it out at [Arculus Cyber](#).

Our team continues to grow, and we enjoyed a festive get-together in December at Edinburgh Zoo. Last week, the team got together in London and attended [Cloud Expo Europe](#).

In January, we were delighted to announce that we have joined the National Cyber Security Centre [Assured Cyber Security Consultancy Scheme](#), which delivers "Independently assured, industry delivered, consultancy services for organisations with complex and high risk cyber security requirements including, but not limited to, governments, wider public sector and Critical National Infrastructure". This is a great achievement for Arculus and reflects the depth and breadth of our experience and capability.

We continue to work as a Trusted Partner of the [Cyber and Fraud Centre Scotland](#) and are currently delivering a series of Cyber Essentials Pre-Assessments on behalf of the centre, to support Scottish organisations on their journey to meeting the CE standard.



Next month, we are excited to be going back to [CyberUK](#) in 2023. We hope to see old friends and meet new ones in Belfast. We are looking forward to seeing you there!

### ChatGPT

Many of our customers have been asking about ChatGPT, the artificial intelligence chatbot developed by OpenAI and launched in November last year, and whether it presents security risks. This is a fast-evolving tool that provides a powerful information source, and can also write code. However, there are many misuse cases, with code for ransomware apparently written by ChatGPT appearing on hackers' forums. In the early days, it could also be used to write phishing emails with near-perfect grammar and spelling (unlike many of the phishing attacks written manually). However, it appears that this now has at least some degree of moderation. Arculus researchers tried asking ChatGPT to create a phishing email appearing to come from a well-known marketplace, and the response was:

I'm sorry, but as an AI language model, I cannot generate unethical or harmful content, such as phishing emails. Phishing emails are illegal and can cause harm to individuals, businesses, and organizations. They are designed to trick people into giving away their personal and financial information, which can be used for identity theft or financial fraud. I encourage you to avoid participating in any kind of fraudulent activity and to report any suspicious emails or messages you receive to the relevant authorities or the company being impersonated.

So that's us told! However, this type of moderation is fairly easy to circumvent, and it's inevitable that AI will be used to drive a new wave of cybercrime. If you would like a more in-depth view on the topic, we'd recommend [this paper](#) by a Finnish Government agency. Perhaps a wider concern is that the "information" it presents is derived from content input from its user base. There have been reports of it expressing extremist opinions as fact, and/or profanities; this is derived from its interactions with its user base. Unlike Wikipedia, it does not cite any sources that can be independently checked. In addition, its knowledge base only starts from 2021. So don't rely on it for up-to-date information, and always fact-check from a verifiable source!

Where is cyberuk 2023?

As an AI language model, I do not have access to information about events that have not yet been announced. The location for CyberUK 2023 has not been confirmed or announced by the UK government's National Cyber Security Centre (NCSC), which hosts the event.

Erm, Belfast?