



## Customer Background

Evolve is an expert software development company, providing customers with innovative, bespoke solutions to improve business processes, user experience and customer engagement. Its off-the-shelf products, which include e-Bate, a rebate management platform, and Pro-evaluate, an audit & compliance tool, sit alongside Evolve's comprehensive suite of professional services, saving customers significant time and money every year.

### Industry:

IT Services

### Location:

Leicestershire, UK

### Web:

[evolveconsultants.co.uk](http://evolveconsultants.co.uk)



Transparency underpins every part of the working relationship we have with our customers, and its vital that this transparency extends to the security of our products. Although we already had some measures in place to guard against cyber threats, we knew that we needed to bring in third-party expertise to validate this and help us guarantee ongoing cyber resilience.

We felt that we were in safe hands with Arcturus, part of the Cyberfort Group, from our first interaction with the team, and we've established a strong partnership with them since. They now work as an extension of our DevOps team, giving us the confidence to develop and bring new products to market without worrying about potential data breaches or cyberattacks for our customers."

- Leanne Bonner-Cooke MBE, CEO at Evolve



## The Challenge

With a decade of experience building bespoke, multi award-winning software products for businesses worldwide, Evolve has always taken information security seriously. To evidence this commitment to its customers and protect itself from potential liability claims in the event of a data breach, Evolve sought third-party validation that its products are built to a robust set of security standards.

Evolve required a trustworthy partner to conduct comprehensive, end-to-end penetration testing on its software development life cycle, identify any potential weaknesses in the process and provide clear, actionable advice on how the business could enhance the resilience of its products.

“Evolve’s transparency with its customers is evident in all areas of the business, and this was especially apparent when they approached us to conduct penetration testing on their software. We’re delighted to have helped Evolve show how seriously it takes its customers’ security against a dynamic threat landscape. Working together, we’ve been able to apply best security practice at every stage of the product development life cycle, helping Evolve to ensure that its products are as secure as they are effective.”

- Simon Fletcher, Managing Director at Arcturus

### Business results

- Evidenced watertight product security to customers and prospects
- Improved DevOps team’s cybersecurity awareness
- Achieved ongoing security by strengthening product life cycle end-to-end

### Solutions Provided

- End-to-end product assessment and penetration testing
- Ongoing support through a dedicated lead consultant
- Comprehensive reporting and actionable advice

## The Solution

After partnering with Evolve in 2018, Arcturus, part of the Cyberfort Group, visited the business’s UK headquarters to understand its existing software architecture, and the watertight levels of security that Evolve hoped to achieve across its product suite.

Initially tasked with securing a specific application, our experienced security specialists assumed the role of elite hackers, applying advanced attack methodologies to the software in several different testing environments.

Working closely with Evolve’s internal DevOps team throughout the process, we quickly identified a number of vulnerabilities in the application and prioritised them by risk of exploitation.

Upon conclusion of the assignment, we provided clear advice on how the software development specialist could address specific weaknesses within the tested application. Its comprehensive post-test report also delivered a practical roadmap to strengthen Evolve’s entire product development life cycle.