Clear.Bank

《 ClearBank moves from manual diagramming, to automated threat modeling across its DevSec Teams

Case Study

IriusRisk《

« Introduction

Digital Transformation Journey

ClearBank was founded in 2015 as the first new UK clearing bank in 250 years, offering direct connectivity into the UK's payment infrastructure. It has more than 200 financial institiutions on the platform - from fintechs and credit unions to digital asset platforms.

As an innovative technology provider, it needed to scale. And with its then manual threat modeling process, a new solution was required to keep up with its exponential growth.

"We had been using Miro, OWASP Threat Dragon and some people were using Microsoft Threat Modeling Tool. But we found they were too basic for what we needed and scalability was a problem".

Tom Ling, Team Lead, ClearBank.

« Key challenges

Exponential growth with limited scalability

ClearBank's Security Team was spending a lot of time with the Development Teams going through threat models and constantly reviewing them. The process in place no longer met the bank's needs, as scalability became an ever-growing requirement.

And so, finding a tool like IriusRisk was ideal because it really helped ClearBank to scale. Threat modeling makes identifying security flaws as early as possible a reality, making them cheaper to fix.

> *"It is unfeasible to hire more security engineers because there's a lot of overhead that comes with that. We needed to find security flaws as early as possible as it is obviously cheaper to fix".*
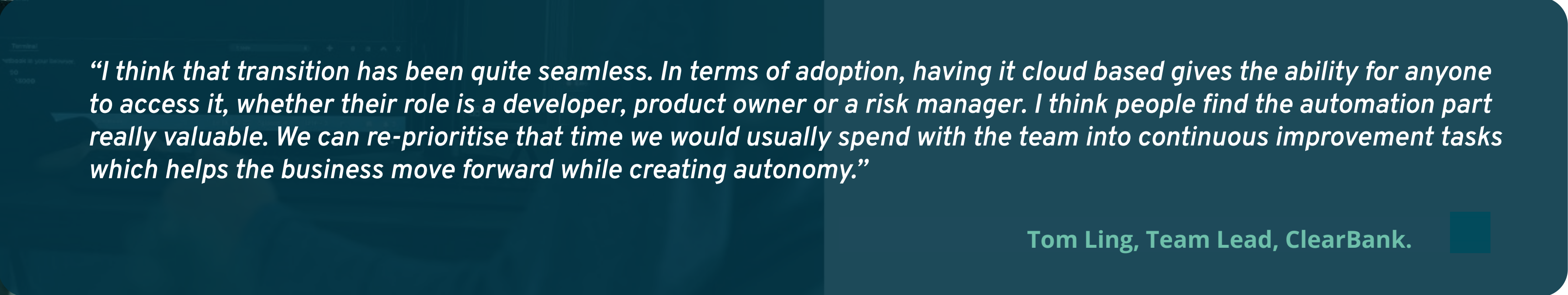>
> **Tom Ling, Team Lead, ClearBank.**

« Solution

Implementing automated threat modeling creates collaboration

Teams at ClearBank have been able to hit the ground running, designing and implementing a threat model. Previously, teams have used Miro to create architectural diagrams. which has a great interface and is easy to use – IriusRisk offers very similar functionality. It empowers teams to manage their own security risk.

"I think that transition has been quite seamless. In terms of adoption, having it cloud based gives the ability for anyone to access it, whether their role is a developer, product owner or a risk manager. I think people find the automation part really valuable. We can re-prioritise that time we would usually spend with the team into continuous improvement tasks which helps the business move forward while creating autonomy."

Tom Ling, Team Lead, ClearBank.

« Results

Security is now included across the whole organization

By adopting IriusRisk, ClearBank achieved increased time-saving for other crucial activities, the ability to scale, and most importantly, now has all teams considering security across the SDLC processes.

Development teams engage in various day-to-day activities, ranging from handling incidents to working on projects. When ClearBank first considered IriusRisk, there were concerns about the additional workload it might create. However, the outcome has been beneficial, as it has enabled these busy teams to continue with their everyday work in a more streamlined manner.

IriusRisk can seamlessly integrate with existing development workflows, making the transition from Miro and other tools much easier, Development teams no longer need to engage with Security teams as much as before, as they can now handle Threat Modelling independently.

"We put the trust in them to take on the product and do their own threat modeling. We have transitioned from reactive to proactive, where we can actually engage with the teams and continuously improve their development workflow through automation. IriusRisk has been a big part of that. Everyone has this common understanding of what threat modeling is all about and why security is important."
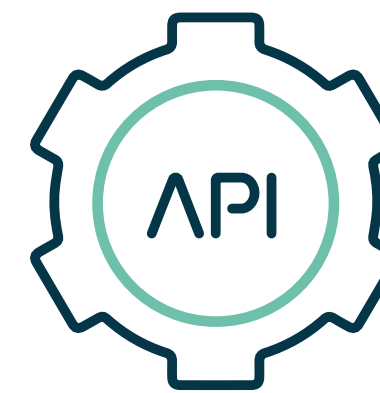
Tom Ling, Team Lead, ClearBank.

Key reasons for using IriusRisk
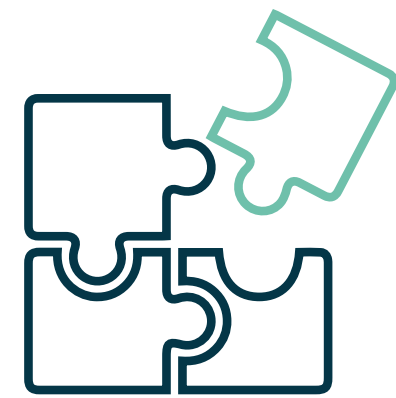
Integration

Links into existing developer workflows and existing tools

Open API

It allows risk management processes to be improved, with a holistic view of the entire risk estate
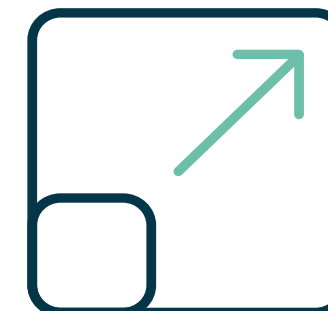
Ease of use

Speeds up adoption for non-security professionals

Simple transition

Replaces Miro, OWASP Threat Dragon and other free or manual tools

Scalability

Seamlessly scalse threat modeling efforts across teams and in line with product development

Repeatability

Results in self sufficiency and time-saving across teams, but especially for Developers

Automate Threat Modeling to fit your existing SDLC.
Secure design right from the start.

Request a demo

IriusRisk