« **Multinational payment service provider threat model their move to the cloud with IriusRisk**

Case Study

IriusRisk«

IriusRisk

## « Company Background

Navigating Cloud Migration Risks

The company is a multinational payment services provider based in London with over 2,000 employees. As part of the process of moving all of their applications to the cloud or a hybrid set up, they needed to threat model these migrated applications to better understand the exposed risks.

« Key challenges

Manual Processes & Onboarding Limitations

- A threat modeling initiative in Confluence which is a one-time activity requiring manual enumeration of threats (based on a STRIDE questionnaire), alongside a draw.io diagram.
- An approach which doesn't scale and requires manual verification to complete threat models. This makes the process slow and gives mixed results.
- The lack of a standardized approach to threat modeling currently makes it difficult to onboard product teams on what's required.
- Threat modeling needs to become a source of threat intelligence - using PowerBI to visualize compliance and risk scores across BUs/products.
- All their applications are in the process of migrating to the cloud or becoming hybrid. This created a need to threat model these migrated applications to better understand the exposed risks.
- The company want to be BSIMM authorised, and hope that threat modeling with IriusRisk will help with their AppSec posture ticking the BSIMM boxes for multiple security activities.
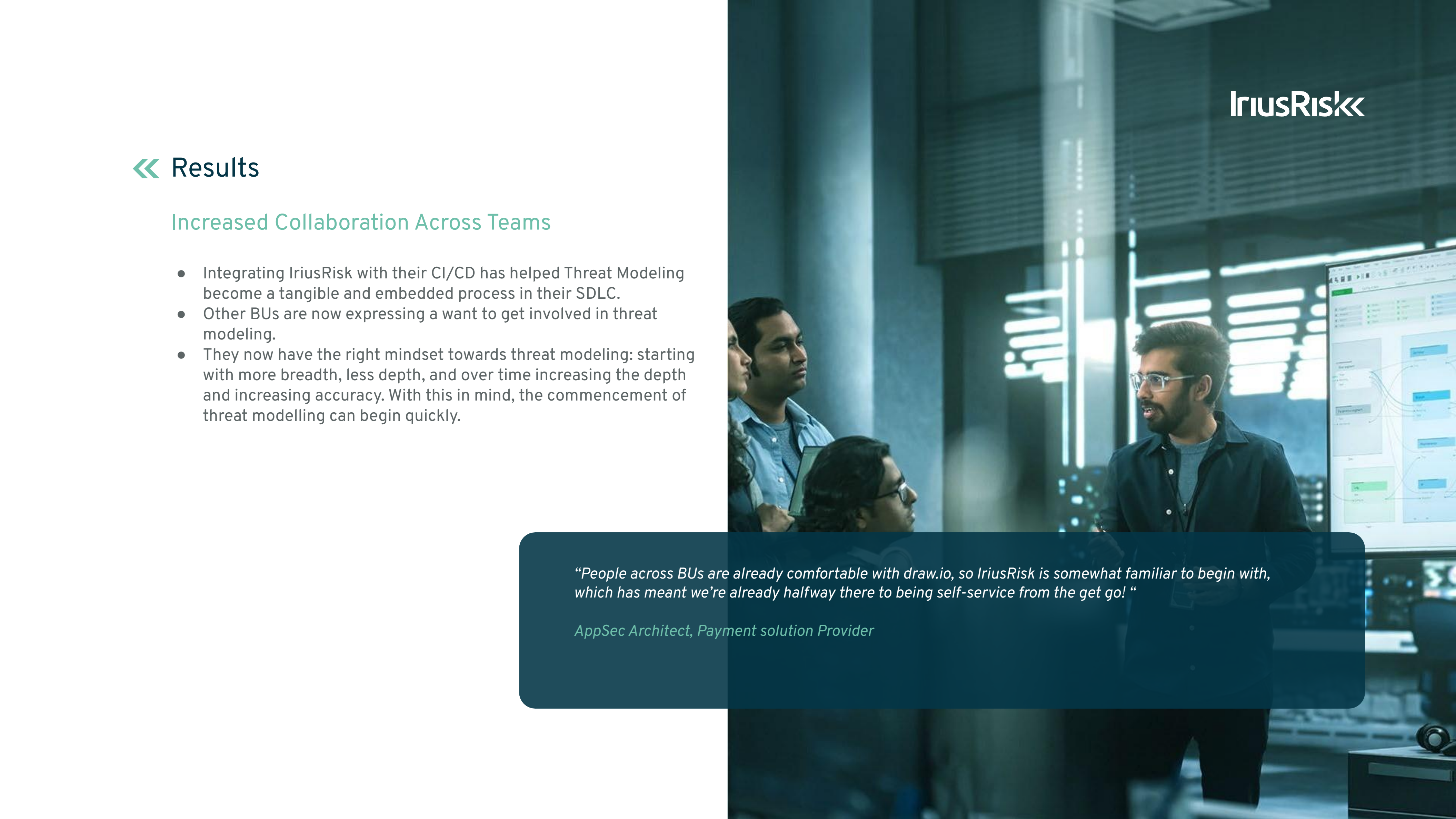
IriusRisk
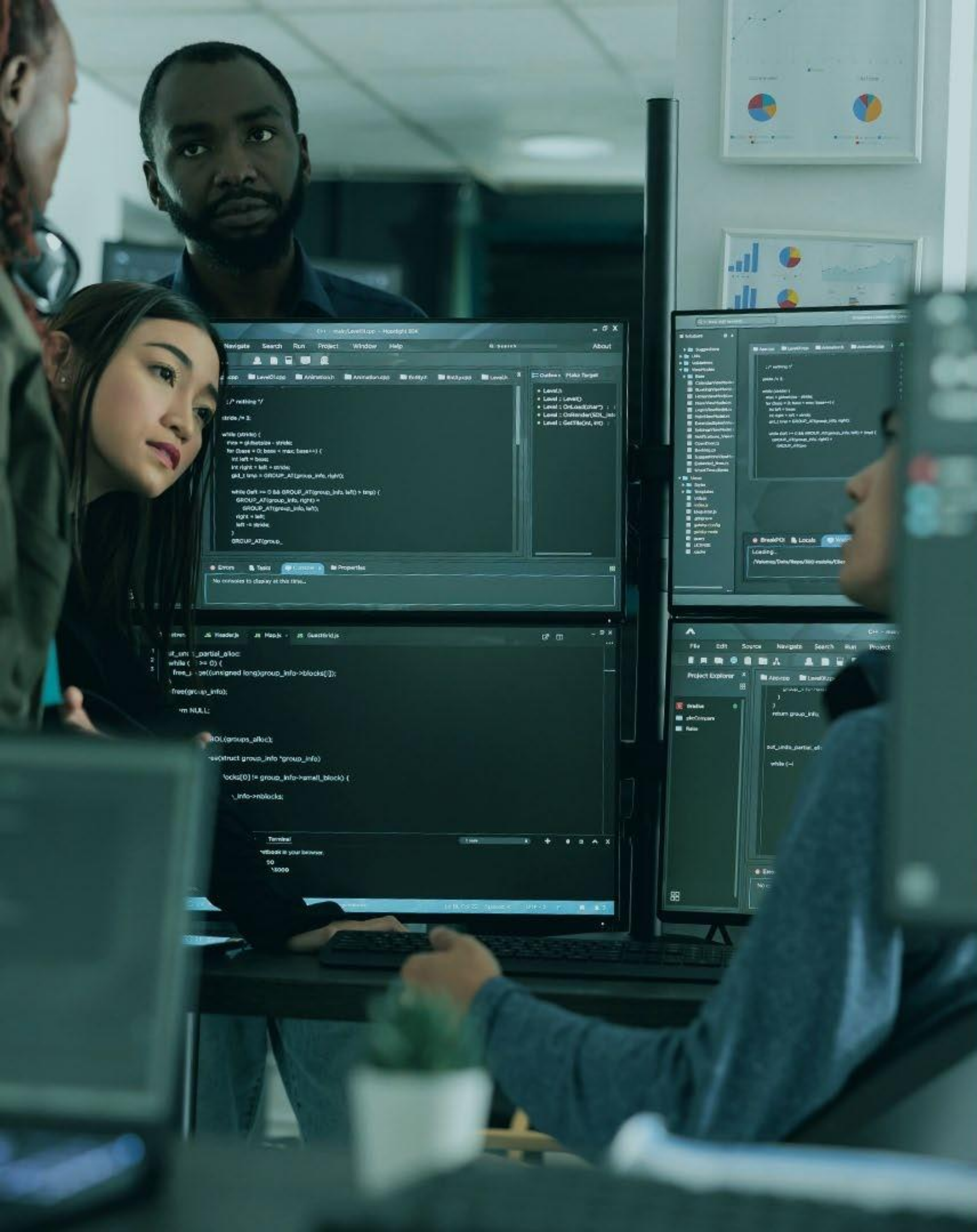
« Solution

Implementation of 50 threat models

- Issue tracker integration removes the manual requirement to create Jira tickets.

- API for PowerBI integration to monitor the activities and to visualize compliance and risk scores across BUs/products.

- Versioning of threat models is a valuable feature for helping embed threat modeling as a process.

- Full RBAC for different BUs to manage their own threat models collaboratively.

- Custom components that can be recycled to streamline threat modeling for security architects.

- Workflows to help threat modeling become a discipline required to comply with security maturity frameworks, such as BSIMM

- People are comfortable with draw.io, and so IriusRisk is somewhat familiar to begin with, making onboarding easier to start with.

« Results

### Increased Collaboration Across Teams

- Integrating IriusRisk with their CI/CD has helped Threat Modeling become a tangible and embedded process in their SDLC.
- Other BUs are now expressing a want to get involved in threat modeling.
- They now have the right mindset towards threat modeling: starting with more breadth, less depth, and over time increasing the depth and increasing accuracy. With this in mind, the commencement of threat modelling can begin quickly.

"People across BUs are already comfortable with draw.io, so IriusRisk is somewhat familiar to begin with, which has meant we're already halfway there to being self-service from the get go! "
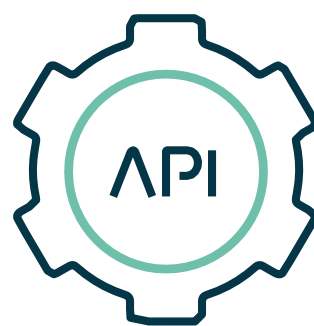
AppSec Architect, Payment solution Provider

IriusRisk

« Key reasons for using IriusRisk
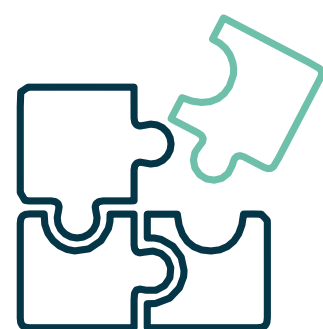
Integration

Issue Tracker Integration with Jira to automate further.

Open API

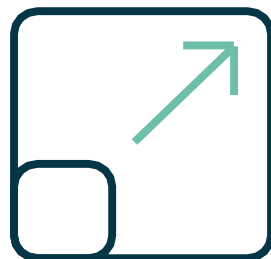API for PowerBI integration to monitor the activities and to visualize compliance.

Ease of use

Being built on Draw.io assisted with new user onboarding.

Custom Components

Streamlines threat modeling for security architects.

Scalability

Implemented 50 threat models and utilized the versioning feature for embedding processes.

RBAC

Allows business units and individuals to efficiently manage and collaborate on threat models.

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

Request a demo

IriusRisk