



SecurityCompass

# Easy Threat Modeling with SD Elements

Using an Automated Threat Modeling Tool Compatible with Agile and DevOps Environments

Our policy-to-execution platform, SD Elements, includes an automated threat modeling capability, efficiently securing your enterprise's application portfolio in a fast-paced DevOps environment.

## The Challenge:

Every organization should perform threat modeling for their applications. As Altaz Valani, Research Director at Security Compass, claims, "Threat Modeling not only provides short term benefits by articulating immediate security gaps but also helps to establish long-term competency in building resilient systems during Development."

There are a number of challenges, however, with manual threat modeling:

- ▶ Traditionally, threat modeling is a thorough, but manual, time-consuming process. It requires that security experts map out complex diagrams detailing potential attack points in their applications (eg. Microsoft STRIDE methodology).
- ▶ Given its time-consuming nature, this process is difficult to scale in a fast-paced modern development environment.
- ▶ In fact, due to the overwhelming number of applications in a typical enterprise, threat modeling is often skipped entirely.



**"Creating a data flow diagram for every application is not a scalable activity in modern development practices such as DevOps"**

**- Altaz Valani**

# Our Solutions

## SD Elements



### TIME-EFFICIENT

A transition away from time-consuming, manual processes toward highly-efficient, automated threat modeling for applications, built for fast-paced modern development environments.



### SCALABLE

Scale threat modeling activities across your entire enterprise application portfolio. Diagrammatic approaches don't scale.



### EXPERT KNOWLEDGEBASE

Created and maintained by our team of expert researchers, responsible for developing the library of threats and countermeasures.



### FORCE MULTIPLIER FOR SECURITY ARCHITECTS AND PRIVACY ENGINEERS

Allow your existing experts to accomplish more by leveraging automation.



### OPERATIONALIZES THE THREAT MODEL OUTPUT

Enables you to act on the threat model output, through code samples and training, as well as multiple SDLC [integrations](#) (eg. ALM, scanners and CI/CD plugins)

## Just-in-Time Training

SD Elements delivers actionable tasks to developers along with bite-sized training modules so that they can mitigate identified threats with proven countermeasures.

## Enterprise Delivery Services

We ensure the successful adoption of SD Elements in your organization and help you to act on the output of your threat modeling process

## For Critical Applications, consider manual threat modeling as well

Our security consultants can perform 'Threat Model Express' services for your enterprise.

We offer a 'Threat Model Express' course so that your team can learn to perform these services on their own.

## Compare SD Elements threat modeling with manual threat modeling, and see how they can work together.

[securitycompass.com/threat-modeling-infographic](https://securitycompass.com/threat-modeling-infographic)

To learn more about how SD Elements works, visit us at [securitycompass.com/contact](https://securitycompass.com/contact)