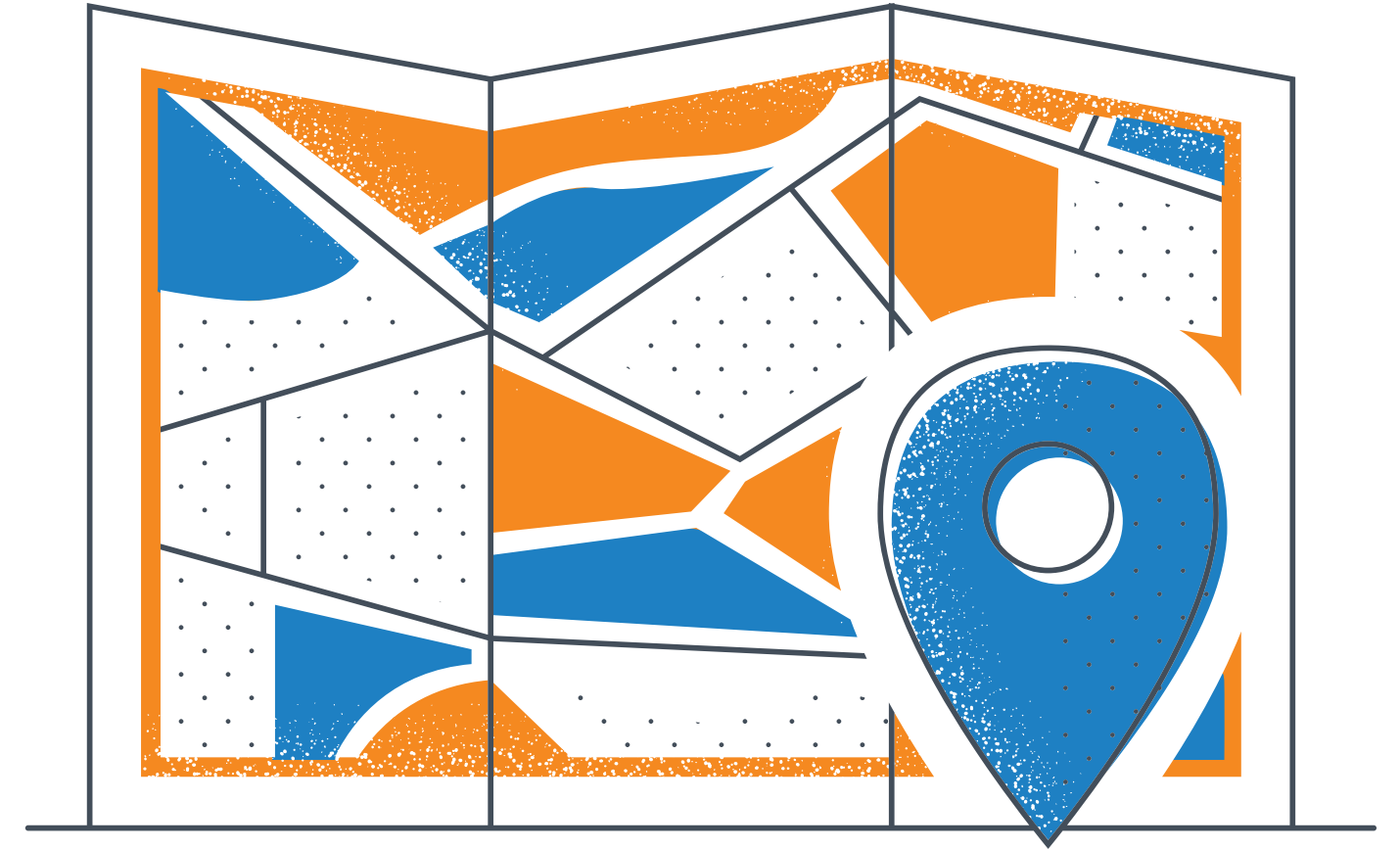# 2021 Product Roadmap

Our core principles and how they relate to what we accomplished in **2020** and our goals for **2021**.

A look back, and a look ahead.

PreEmptive continues to serve as a leader in application protection by expanding product features and developing new products. In 2020, we experienced an above industry average renewal rate and grew our customer base.

2021 has started on a strong foot, Our newest product, JSDefender has brought in new customers and provided additional value to current subscribers.

PreEmptive
PROTECTION

Core Principles

Do No Harm
We remain committed to providing the highest quality application protection solutions and the best support organization.

Provide Effective Solutions
Dotfuscator, DashO, and JSDefender receive continuous improvements to their existing protection transforms and runtime checks.

Support the Latest Platforms
We evolve our products to support major updates to the Java, Android, JavaScript, and .NET platforms.

Support Modern Development
PreEmptive delivers major updates to Dotfuscator, DashO, and JSDefender to better support modern build scenarios.

First,
Do No Harm

Code obfuscation shouldn't mess up your app.

No explanation should be needed — the cure cannot be worse than the disease. Our solutions are designed to be easy to adopt and implement. They won't slow down your developers or your application. And if you need help, we have the best support organization of any vendor in our space.

Provide Effective Solutions

We help applications prevent, detect, and respond to attacks.

- In 2020, Dotfuscator, DashO, and JSDefender received significant improvements to their existing protection transforms and runtime checks, keeping them up to date against the latest reverse engineering and hacking tools.

- JSDefender gained many new protection transforms, including tamper detection, date locking, dev tools blocking, and more.

Dotfuscator | **DashO** | **JSDefender**

In 2021

We are planning:

- Continuous improvements to all protection features as needed, in order to stay up-to-date with evolving hacking tools and techniques. [Planned throughout the year]

- Reference hiding for Java and Android applications. [Scheduled for 2nd half]

- Resource Encryption for .NET applications. [Assessing]

- Cross-platform tamper and debug checks for .NET Core. [Assessing]

- Cross-platform mobile-focused runtime checks for React Native and Xamarin applications. [Assessing]

Support Platforms

We align our product development to support the latest platform features.

- In 2020, DashO added support for Java 14 and 15, and the latest versions of Android.

- Dotfuscator added support for .NET 5, including client-side Blazor, as well as the latest versions of Xamarin, Visual Studio, and Visual Studio for Mac.

- JSDefender added support for the latest ECMAScript standards, support for platforms like React Native, and support for the Rollup bundler.

Dotfuscator | **DashO** | **JSDefender**

In 2021

- DashO will add features and explicit support for Spring Boot. [Scheduled for 2nd half]

- JSDefender will continue to support the latest tools, frameworks, and bundlers. [Planned throughout the year]

- PreEmptive will ship new iOS protection products:
  - An SDK for runtime checks, starting with Jailbreak detection in Q1.
  - An obfuscation tool that works with Xcode, that will protect apps written in Swift and Objective-C. [Scheduled for Q4]

Modern Development Practices

Updates to better support build scenarios.

- In 2020, we delivered major updates to JSDefender, DashO, and Dotfuscator to better support modern development and build scenarios.

- All products now support team-based licensing, making it easier for companies to track their usage.

- All products now support the floating build license, which enables dynamic provisioning in cloud build scenarios, and on-the-fly activation, at build time.

Dotfuscator | DashO | JSDefender

In 2021

We will continue to make it easier to configure, provision, and integrate our products.

- Dotfuscator's automatic renaming rules for XAML-based applications will be improved. [Scheduled for Q2]

- DashO will add annotation-based include and exclude rules, and allow inclusion and exclusion by inheritance relationships. [Scheduled for 1st half]

- Dotfuscator will add a Visual Studio Integration wizard. [Assessing]

- JSDefender will add stack trace translation capabilities. [Assessing]
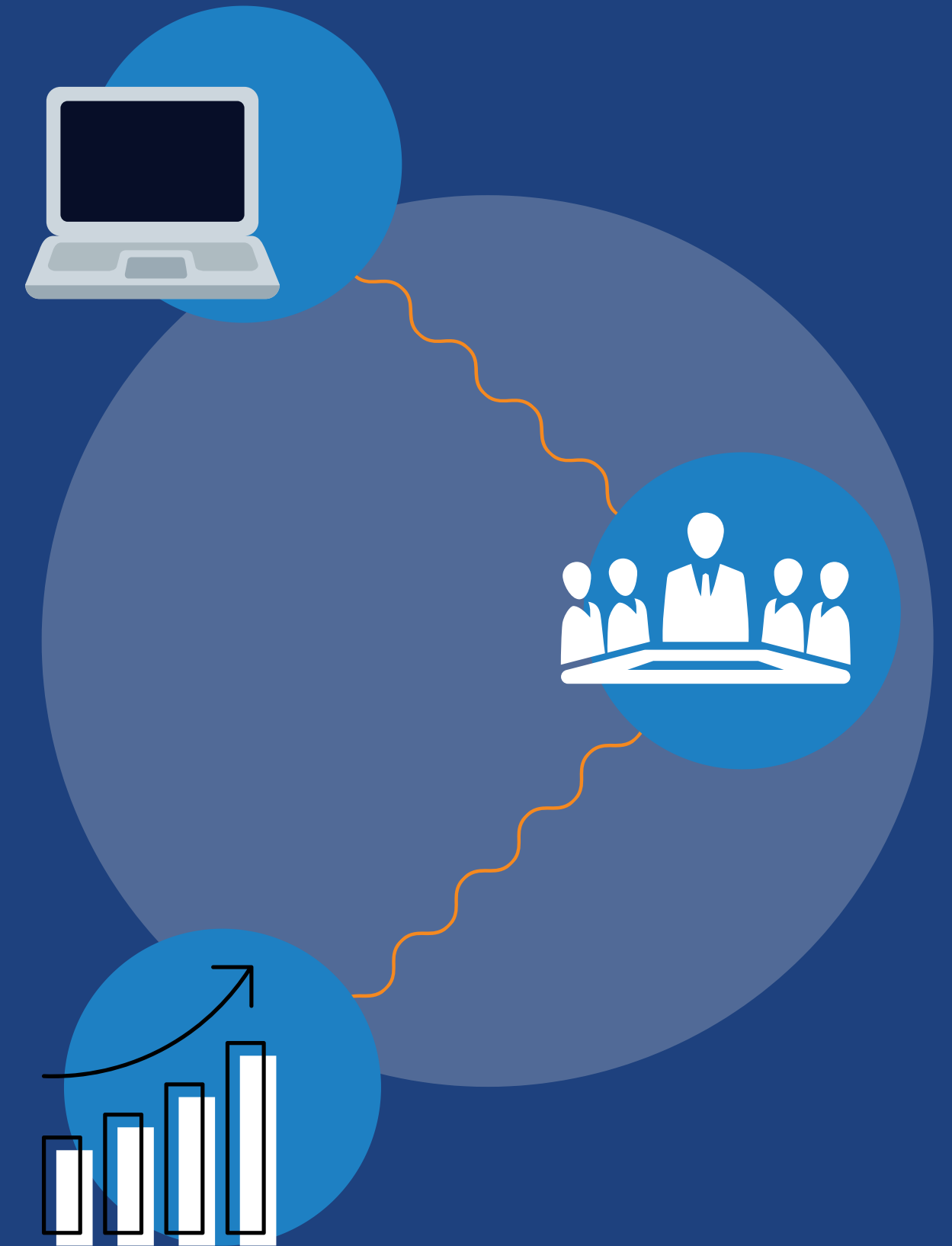
Product Driven

We continue our focus on product management by keeping our products in alignment with market demands and solving real customer problems.

Advisory Board

To continue to provide the most up-to-date and relevant products and features, we have formed a Customer Advisory Board so that we hear the voices of our customers on a regular basis.

Customer Success

We have expanded our Customer Support, Account Management & Sales teams in both the U.S. and in Europe. We want to continue to exceed your expectations!

PreEmptive

Dotfuscator | **DashO** | **JSDefender**

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