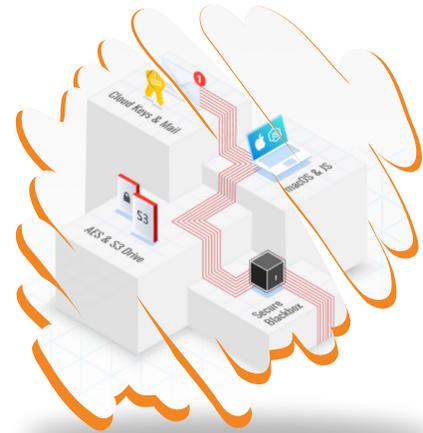


# CASE STUDY



**INDUSTRY:**  
ISV

## "All in One" Developer Tools Protected with PreEmptive's JSDefender and Dotfuscator



### WHO IS /N SOFTWARE

/n software is a leading provider of cross-platform software components for communication, security, and e-business development. /n software is committed to providing enterprise class tools and components enabling developers to rapidly build robust Internet enabled web and desktop applications.

/n software's flagship product IPWorks is the best-selling, most comprehensive suite of programmable Internet components. It eliminates much of the complexity of developing connected applications, by providing easy-to-use programmable components that facilitate tasks such as sending email, transferring files, browsing the Web and consuming XML Web services.

### EARLY INTEGRATORS

In the early 2000's, a new platform was entering the developer world called .NET. In order to get software developers like /n software to adopt .NET, Microsoft knew it had to add features to protect the code from decompilation.

Microsoft went out to try to find obfuscation vendors who would build tools for them for .NET and found PreEmptive. PreEmptive built Dotfuscator, the .Net obfuscator, which shipped with Microsoft Visual Studio. Microsoft provided a list of companies who would only adopt .NET framework once the code could be protected, and through this introduction a connection between /n software and PreEmptive was made. /n software were early integrators of Dotfuscator and now JSDefender.

### IMPLEMENTATION

Spencer Brown, Product Manager for /n software describes his experience integrating JSDefender. "JSDefender is able to be quickly integrated into existing build processes without any hassle. The documentation is clear, and the product has a variety of configuration options. The overall experience was pleasant and the tool actually does what it says it will do. The performance impact is negligible which is also very important in our use case."

### KEEPING CODE IN-HOUSE

"We needed an on-premise JavaScript obfuscator. We did not want to engage any third party services for both security and reliability purposes. With a local on-prem solution we can ensure consistent reliable obfuscation without ever transmitting our source code to another party."

### ADVICE TO OTHERS

"Make use of the trial and do not be afraid to contact support. The technical support team is very knowledgeable and quick to respond. It is clear they are dedicated to helping you achieve your goals."

"We were generating typescript and were able to built it into a JS file that has our code in it. We knew we needed to obfuscate - because we obfuscate everything that we produce like that."

"We generate the code that is ready to be obfuscated as part of our build process, we have a build script that is running all of that stuff, and that script after that step will call JSDefender from the command line with various import arguments - wait for that to complete - and go on to the next step."

*JSDefender is able to be quickly integrated into existing build processes without any hassle. The documentation is clear, and the product has a variety of configuration options.*

**Spencer Brown**  
Product Manager