



The Sybil platform is more than a code review bot. Sybil understands the application through interacting with it dynamically and autonomously. With optional code access, Sybil develops a deeper understanding and formulates hypotheses about potential security issues that it can validate dynamically. The outcome is a list of high confidence findings that trace back to specific lines of code, with proof of concept test cases a human, or Sybil, can use to validate fixes.

## Result

With Sybil, Cursor integrated on demand, deep security testing into their development process — without slowing down their engineering velocity or adding management overhead. This allowed the team to meet enterprise-level security expectations while continuing to ship quickly and confidently.

```
?00000111
000111111
001111111
011112222
111222222
112222222
122222222
222277777
222777777
```

“Some of the findings motivated us to build middleware. It was a meaningful improvement.”

■ Henry Wildermuth, Cursor software engineer

Sybil’s penetration testing delivered actionable insights, not just a list of bugs. The report surfaced vulnerabilities and also provided validation for the secure systems Cursor already had in place, offering meaningful intelligence across their application code, running environments, and cloud deployment.

## Key benefits Cursor experienced:

### ■ Fast turnaround

End-to-end penetration testing completed within two weeks of first contact, helping unblock high-value deals.

### ■ Self-serve retesting

Engineers can trigger retests at any time with no coordination required, ensuring quick verification of fixes without interrupting development.

### ■ Enterprise-ready compliance

Every Sybil pentest report is guaranteed to pass SOC 2 review, making them immediately usable in security questionnaires and procurement processes.

### ■ Code & infrastructure coverage

Testing included application code, running environments, and cloud infrastructure, giving Cursor full confidence in their production security.

### ■ Real-world impact

Sybil delivered dynamic PoCs and thoughtful analysis that informed internal security investments—not just checking boxes, but helping build better systems.

## What’s Next

Speed is critical for security. It allows organizations to stay ahead of risk, audits, and hackers. With Sybil, Cursor is able to continue shipping a beloved world-class tool while keeping users secure. Looking forward, the team is excited to maintain optimal speed of deployment and experimentation without compromise.

Sybil is building towards being a trusted, automated extension of every security team. It is a security engineer, pentester, and software engineer that works without needing constant attention or coordination, freeing humans to focus on what they do best: building world-class products used by millions.