SecurityScorecard

How do SecurityScorecard ratings work?

Security rating companies use a combination of data points collected organically or purchased from public and private sources and then apply proprietary algorithms to articulate an organization's security effectiveness into a quantifiable score.

SecurityScorecard provides transparency into our ratings methodology and delivers insights into how it aligns with industry standards. Understand the principles, methodology, and process behind how our cybersecurity ratings work.

It starts with guiding principles

U.S. Chamber of Commerce

In conjunction with the US Chamber of Commerce and other security ratings experts, SecurityScorecard helped shape and then adopted these guidelines for fair and accurate security ratings.

Then the data is collected and the score is calculated

More than
10,000,000
infected IPs over 200 malware families identified daily

Upwards of
10,000,000,000
vulnerabilities and attributions published weekly

SecurityScorecard non-intrusively collects data from publicly available commercial and open source feeds across the internet for an outside-in, hacker perspective of a company's cybersecurity posture.

1,500,000
Companies Scored

221,412
Unique Companies Followed

1,750
Logged Into The Platform Today

With over 1.5 million companies scored, the depth and scope of our collected data is unmatched, and our ability to validate our data increases with every new customer and follower.

Score calculation

$$TS_d = \frac{\sum_f w_f \times g(FS_{df}) \times FS_{df}}{\sum_f w_f \times g(FS_{df})}$$

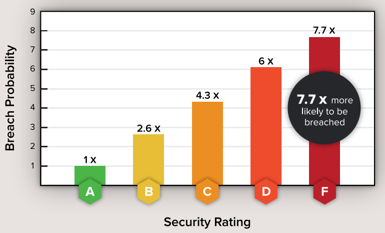
Once collected, we analyze the data to discover 79 cybersecurity issue types that are topically organized into 10 Factors. The security issues are measured by the assigned factor, severity-based weight, update cadence, and age out window to determine the calculation of a score.

Risk Factors

- Application Security
- Social Engineering
- Patching Cadence
- Network Security
- IP Reputation
- Hacker Chatter
- Cubit Score
- DNS Health
- Endpoint Security
- Information Leak

How accurate are our scores?

Companies with a better SecurityScorecard rating are more resilient



Companies with an F rating are 7.7x more likely to suffer a data breach versus those with an A rating.

After the score

See something that doesn't look right?

Companies can dispute any finding associated with their company score.

☑ **Dispute**

Risk was incorrectly associated & should be removed

☑ **Correction**

Provide clarifying data about a compensating control in place

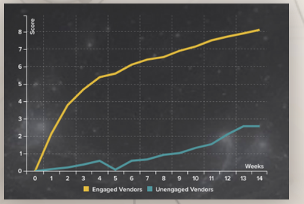
☑ **Appeal**

The company resolved the risk

SecurityScorecard maintains a response time for resolving customer-submitted refutes that is well within the 48-hour service level agreement. Scores are then updated within 4 to 7 business days.

SecurityScorecard reports a low False Positive error rate or both IP and domain attribution (less than 2% over 7-day trailing average) based user-submitted refutes.

Improving more than just your score



Companies that use SecurityScorecard to engage their supply chain see a quantifiable improvement in their ecosystem security posture.

On average, rated companies that are invited to the platform with low security grades (C, D, or F) typically exhibit on average a 7 to 8 point score improvement within 3 months.

See this information in real-time and more by visiting our trust portal trust.securityscorecard.com or see your own score by signing up for a free account securityscorecard.com/free-account.

SecurityScorecard

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