



Measuring the Maturity of your Security Operations Center?

The Perfect Score May Surprise You



New report finds global IT security lacking—
undermined by over-reliance on technology.

Few organizations today have
reached optimal security maturity.

1

HP found that
3 out of 4

organizations are unable to
achieve basic consistency of
operations.

Only 30%

of organizations that
formally define business
goals and compliance
requirements are able to
meet them.

2

On the path to maturity, it's possible to try too
hard and become rigid. Level 5 is not the goal.

Security operations maturity model and methodology

Researchers at HP have developed the SOMM model to evaluate enterprise security maturity. Companies with no security operations capability score 0. A tightly controlled, continually measured, and ever-evolving capability scores 5. The optimal score for most organizations is not 5, since costs can outweigh the benefits. Instead, companies should aim for 3.

SOMM Level	Rating	Description
Level 0	Incomplete	Operational elements do not exist .
Level 1	Initial	Minimum requirements are met without standardization, documentation or repeatability.
Level 2	Managed	Baseline business goals are met with task documentation, enabling any staff member to perform and modify reactively.
Level 3	Defined	Operations are well-defined , subjectively evaluated, and flexible with proactive modifications. This is the ideal maturity level for most enterprise SOC's.
Level 4	Measured	Operations are qualitatively evaluated , reviewed, and proactively improved using business and performance metrics. This is the ideal maturity level for most managed service provider SOC's.
Level 5	Optimizing	Processes are rigid and continually measured for deficiency and variation within a tightly controlled environment, requiring significant overhead.

Source: HP Enterprise Security

Why Not Drive to 5?



By level 5, analyst procedures are often overly detailed, including exhaustive screen shots and flow charts—details that limit the quality and speed of response. The costly impact on time and resources associated with Level 5 SOC's outweigh potential benefits.

Focus on continual evolution required
to achieve and maintain maturity.

3

Regardless of what stage you are at, HP can help you
enact new best practices that align with the primary
criteria of SOC maturity:



People



Processes



Technology



Business
alignment

When Cyber Crime Strikes

Getting breached is the fastest way to bring focus to your security maturity. Don't be caught off guard or tempted to rush post-breach into a quick fix. Create a solid foundation which will allow you to quickly address high-priority improvements.

Read the full report on "2014 State of Security Operations" at
hp.com/go/StateOfSecOps

Learn how HP can help you on the path to SOC maturity at
hp.com/go/sioc

