

# CAN YOUR INFRASTRUCTURE HANDLE CYBER ANALYTICS?

To stop the tens of thousands of cyber attacks against them each year, federal agencies are turning to continuous monitoring, which uses big data analytics to detect potential threats. In a July 2014 survey of DoD officials...

**79%** say big data analytics is an effective cybersecurity tool

**75%** say big data analytics play a key role in their agency's cyber strategy

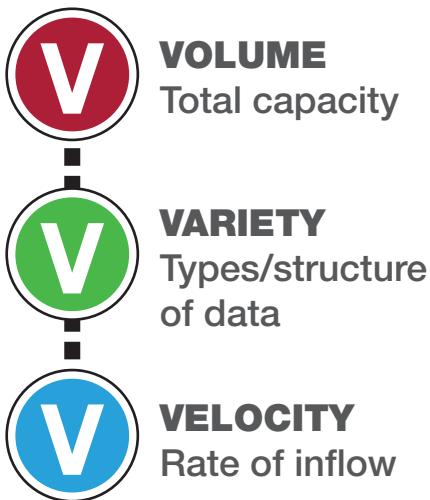
Defense agencies are already translating big data into readiness for<sup>2</sup>...

Experts estimate that a cyber posture leveraging continuous monitoring could prevent **85% of threats** against federal agencies<sup>1</sup>

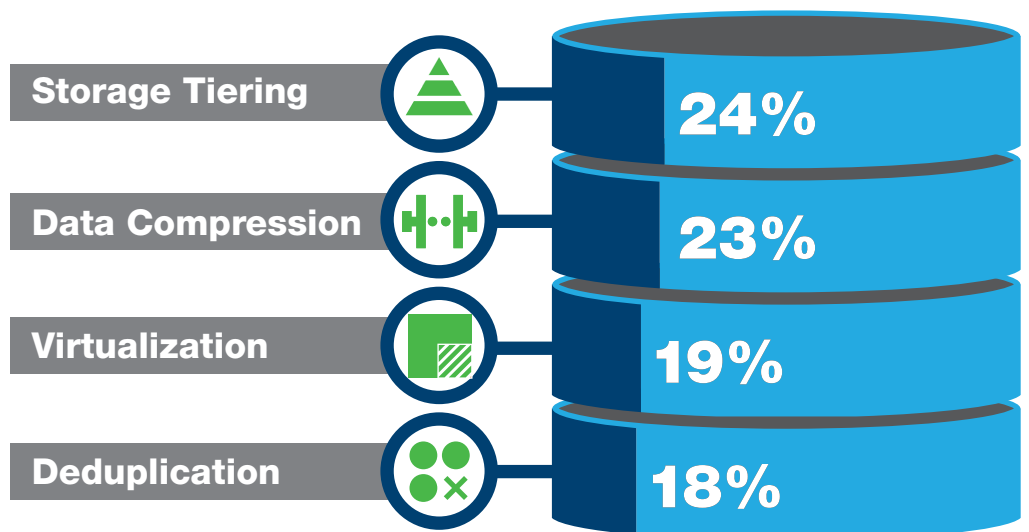


However, continuous monitoring generates a lot of data:  
**100 Terabytes/day on average.**<sup>3</sup>

The Three V's place heavy demands on your agency's storage infrastructure:



However, despite the demands of big data-powered continuous monitoring, DoD officials report slow progress implementing storage optimization technologies<sup>4</sup>



## STORAGE OPTIMIZATION CAN REDUCE YOUR DATA FOOTPRINT BY 10-30X

Don't let big data outrun your storage infrastructure. Keep your data secure, intact, and available when you need it most.



**About NetApp**  
NetApp creates innovative products - storage systems that help customers around the world store, manage, protect, and retain one of their most precious assets: their data. NetApp is currently the #1 storage provider to the U.S. Government. Discover our passion for helping organizations go further, faster at [www.netapp.com](http://www.netapp.com).



**About GBC**  
Government Business Council (GBC), the research arm of Government Executive Media Group, is dedicated to advancing the business of government through analysis and insight. GBC partners with industry to share best practices with top government decision-makers, understanding the deep value inherent in industry's experience engaging and supporting federal agencies.

**Methodology:**

GBC and NetApp deployed a survey to a random sample of Government Executive, Nextgov, and DefenseOne subscribers in July 2014. The infographic shows survey data from 155 DoD employee respondents, including those at the GS/GM 11-15 levels and members of the Senior Executive Service.

**Footnotes:**

- Lewis, "Raising the Bar for Cybersecurity," 2013. [www.csis.org/publication/raising-bar-cybersecurity](http://www.csis.org/publication/raising-bar-cybersecurity)
- Percentage of DoD officials who rate the readiness of their agency's cyber capabilities between 3-5 on a 5-point scale.
- Techsource, "Big Data and the Challenges of Continuous Monitoring," 2013. [www.techsource.ironbow.com/articles/information-technology/big-data-and-the-challenges-of-continuous-monitoring](http://www.techsource.ironbow.com/articles/information-technology/big-data-and-the-challenges-of-continuous-monitoring)
- Percentage of DoD officials who indicated that their agency had implemented the technologies mentioned or plans to do so within 12 months.