graylog

MAINTAIN COMPLIANCE WHILE KEEPING COSTS DOWN WITH GRAYLOG

Category:
Security

Industry:
Healthcare

Looking For:
Compliance

Size:
5,000+ employees

Government regulations such as the Health Insurance Portability and Accountability Act (HIPAA) and Health Information Technology for Economic and Clinical Health (HITECH) Act can pose challenges to companies because they define and limit the ways companies should manage and monitor that data, across the complete IT infrastructure, all staff, and the data's full lifecycle. Adding to this challenge is the need to prove compliance by generating comprehensive reports.

"The healthcare industry is expected to suffer more cyberattacks in 2019 than the average amounts for other industries."

Source: Cyber Security Ventures

EXAMPLE SITUATION

- Information security and compliance challenges are substantial because of the sensitivity of patient data.
- Government regulations pertaining to the management of healthcare data require not just strict compliance, but also the swift demonstration of compliance on demand.
- Proving compliance means generating comprehensive reports but data volume growth and inadequate infrastructure for managing data increases costs and introduces compliance risks.
- Pressure from senior executives to simplify IT management and reduce operational complexity overall.

GRAYLOG IN ACTION

Both established and start-up healthcare companies are always looking for a way to reduce the costs, complexity, and time required to demonstrate regulation compliance. Using Graylog, the IT department easily keeps costs down, meeting security and compliance needs, including managing growth and demonstrating and reporting on compliance.

MEEETING COMPLIANCE NEEDS WITH REAL-TIME ANSWERS

When new compliance requirements come up, Graylog makes it easy to create new processes for tracking data through its lifecycle. For example, the older data of deceased patients was shifted from high-performance SSD tiers to optical disc for long-term storage. The team built and configured a report using Graylog's Dashboard functionality and built-in chart types, relative time frames, and sophisticated target data rules to show that the transfer process involved only the correct staff members, with the correct privileges. Further, they were able to leverage application logs to

demonstrate that the data was subsequently encrypted using AES-256 to secure it against any form of improper access in future.

To address specific audit requirements specific audit requirements or align with future changes in regulation requirements, the team created queries that generated formal reports of covering a standard set of data and delivered them via on a scheduled basis to key stakeholders throughout the company. By using Graylog's GUI-based report builder they were able to make sure people got the information they wanted, formatted to showcase the information they wanted without having to ask for it.

IDENTIFYING SECURITY RISKS BEFORE THEY BECOME A PROBLEM

Since IT compliance requires maintaining system security, catching the problem before it impacts compliance is vital. Luckily Graylog's automated alerts make it easy to address different situations that might pose a current or future challenge to compliance.

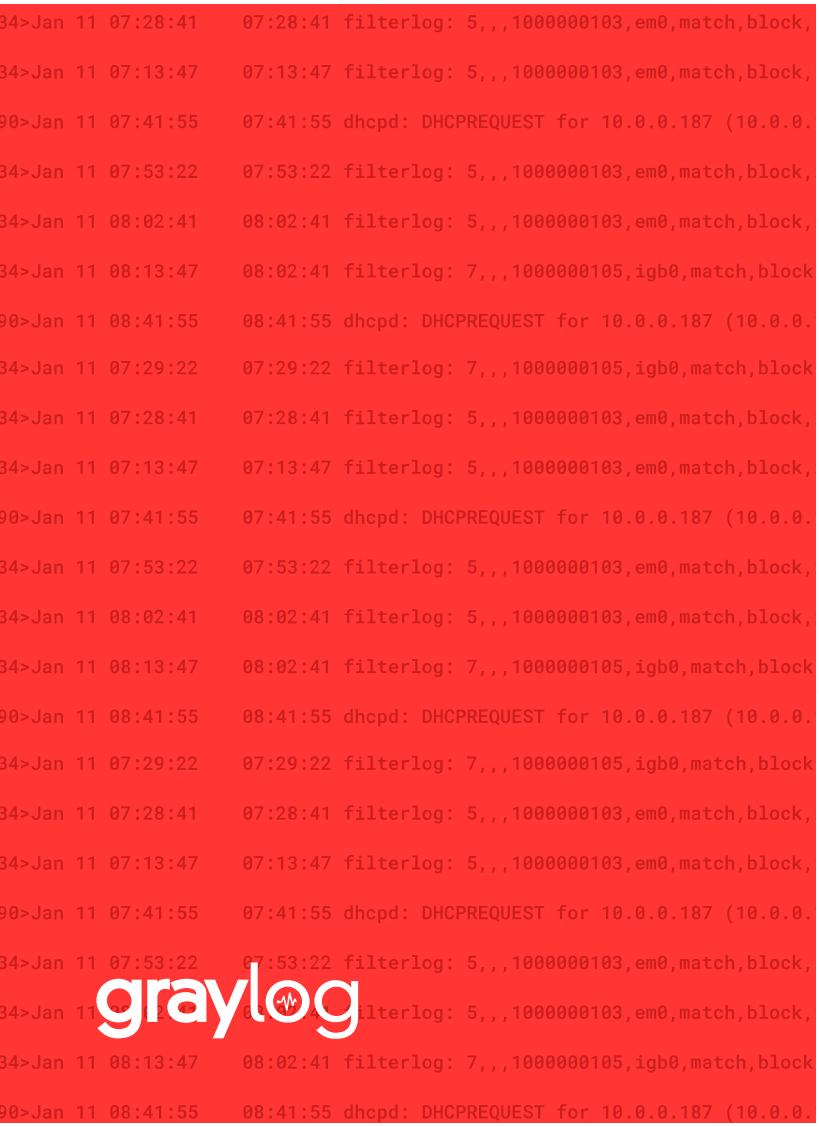
For example, when employees are off-boarded according to HR, all companies, but in particular, companies that are required to comply with regulations such as HIPAA and HITECH, need to immediately delete those employees' logical access to patient data (as is required by law in the case of compliance). The IT team has set up an Alert to fire whenever a former employee tries to access patient data. This alert is combined with a dynamic list of all former employees. When an employee leaves, the team terminates all access and adds the name to the list, which saves time and prevents errors that might arise if you had to update the alert every time.

LOWER OPS COSTS AND MANAGING GROWTH

Having a scalable, reliable, and manageable infrastructure is a necessity as the volume of data continues to increase. Graylog is built to open standards for connectivity and interoperability for seamless collection, transfer, storage, and analysis of log data. Graylog is also SIEM-agnostic by design—Graylog log streams can pass unaltered or enriched data to any application in your monitoring, alerting, and analysis stack. Graylog is the best solution to address increasing data volumes, reduce complexity, enable flexible analysis, and let you do more with your security and performance data while providing a scalable solution that supports current and future technologies.

SUMMARY

Any company involved in healthcare faces numerous compliance challenges along with the need to deliver reports on demand and during audits. Graylog delivers a fast and cost-effective way to meet regulation compliance for all patient data, across its full lifecycle, while also reducing IT complexity and operational costs. Clients consistently note that Graylog offers unmatched performance and query speed make it easy to meet all requests.



ABOUT GRAYLOG

Graylog is a centralized log management platform for companies seeking seamless data collection and normalization from any data source, faster analysis, and greater affordability. Purpose-built for modern log analytics, Graylog removes complexity from IT operations, data exploration, error tracing, and threat hunting so you can quickly and easily find meaning in data and take action faster. Our customers enjoy increased productivity, improved performance, secure systems, and an empowered team.

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