DataBee™ | COMCAST TECHNOLOGY SOLUTIONS

Solution Brief

Continuous controls monitoring (CCM) from DataBee™

As more businesses become digital first and the threat landscape continues to expand, executives and business leaders are leaning in and placing more importance on cybersecurity programs. Security and risk management teams are challenged, however, to deliver the kinds of insights needed to keep business leaders informed. The time it takes to manually collect and analyze data from so many disparate security controls can often mean that when audit time rolls around, only those controls being audited are tested. Instead of driving a proactive compliance and audit process, security teams are in perpetual "reactive" mode. A consistent data set that creates trust and operational efficiencies could be a game changer.

Introducing the DataBee™ Platform for continuous controls monitoring

DataBee provides core continuous controls monitoring (CCM) capabilities to automate and collaborate on security controls as part of the multi-use, security-focused data fabric platform.

Dynamic environments need dynamic insights. DataBee puts data at the center of your CCM program and weaves together security data sources with business logic and policies, asset owner details, and organizational hierarchy information. Data is then mapped to the Open Cybersecurity Schema Framework (OCSF) schema using patented entity correlation logic and asset owner discovery tools, and then deposited into your data lake of choice for cost-optimized storage and on-demand access. Your analysts will have access to the enriched data insights all year round with proven-at-scale CCM dashboards in analytics and visualization tools they already use — Tableau and Power BI. With DataBee, your organization will be able to adhere to compliance regulations and proactively mitigate risks.

DataBee's data-centric CCM features

- One single pane of glass for your real-time compliance posture
- Prebuilt and customizable CCM dashboards with industry-relevant priority controls
- Layered dashboards and reports for executives, business and IT teams, and compliance analysts and auditors
- Access insights year-round for real-time and historical controls and compliance trends
- Immediate and actionable remediation for control gaps
- Accelerate your security data maturity journey with Comcast governance, risk, and compliance (GRC) consulting services
- A holistic view of the controls lifecycle phase — from defining controls objectives, to evaluating controls implementation and monitoring controls effectiveness

Use case example:

Supporting Payment Card Industry (PCI) compliance monitoring and assessment

In addition to sustaining compliance programs, DataBee CCM enables organizations with compliance monitoring requirements from frameworks such as PCI 4.0, NIST 800-53, NIST 800.171, or ISO27001.

Security assessments are labor-intensive and time-consuming, especially when large amounts of data are in scope for sampling, analysis, or monitoring. DataBee can help your compliance analysts and your independent assessors with monitoring and sustaining compliance for at least 50% of the PCI 4.0 requirements. Instead of spending the effort on gathering and analyzing large amounts of data for point-in-time testing, they can rely on auditable CCM dashboards and focus on the quality of the controls.

PCI DSS requirement	Sample DataBee dashboard
Apply secure configurations to all system components (#2)	Secure Configuration
Protect all systems and networks from malicious software (#5)	Endpoint Protection
Develop and maintain secure systems and software (#6)	Weaknesses
Restrict access to system components and cardholder data by business need to know (#7)	User Access Reviews
Identify users and authenticate access to system components (#8)	Policy Exceptions
Log and monitor all access to system components and cardholder data (#10)	Log Retention & Normalization (Core platform, not a dashboard)
Test security of systems and networks regularly (#11)	Vulnerability Management
Support information security with organizational policies and programs (#12)	Security Training

Table 1: Sample of data and telemetry DataBee gathers and combines to show PCI DSS requirements

Get started with DataBee for CCM

The power of the DataBee data fabric behind CCM allows you to spend less time gathering and analyzing data to spend more time on the quality and sustainability of controls and gaps remediation. Comcast has firsthand experience with implementing a CCM program at scale, and DataBee brings this experience along with proven feeds, dashboards, and visualizations to your organization. With DataBee, you will quickly be able to:

- **Proactively understand and monitor compliance posture in accordance with internal policies, regulations, and industry standards.**
- **Continuously identify control gaps.** Establish controls baselines and continuously test and measure against targets to prevent compliance failures.
- **Build leadership awareness and accountability through measurable results.** Automatically score and rescore your leaders and departments against controls standards, and consistently track their performance trends over time.
- **Support internal and external audits.** Provide evidence of adherence to security controls, policies, and procedures.
- **Improve security operational efficiency and save money.** Eliminate the need for labor-intensive manual security data mapping and maintenance efforts.
- **Provide actionable remediation insights and prescriptive resolutions to address gaps and guard against threats.** Instruct leaders exactly where there are gaps and recommend how to close those controls gaps.

Find out more

Are you ready to take advantage of an enterprise-scale, multi-use data fabric with continuous controls monitoring capabilities? Let's talk.
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