DataBee™ from Comcast Technology Solutions and DataBricks

Leverage business-ready insights with a security, risk, and compliance data fabric

Your market advantage is your ability to transform data into actionable intelligence. The insights derived from systems, devices, and users are not only crucial but also require a higher level of sophistication. Enterprises and agencies succeed by making decisions based on data-driven insights, predictive analytics, and models. To that end, a new partnership between DataBee™ and Databricks will help organizations to improve their ability to leverage their available data and produce business-ready datasets for analytics.

### Connecting security, risk, and compliance insights faster with DataBee

Enterprises are in no short supply of tools, but disjointed security and IT tools create incomplete and sometimes inaccurate insights. Innovating and collaborating on flawed datasets can impact the way you protect your business, assess risks, and report on compliance, giving your market rivals the competitive edge.

Shift the focus earlier in the data pipeline. The DataBee Platform delivers business-ready insights for security, risk, and compliance teams by weaving disparate data sources — including nontraditional data sources — with business intelligence and logic into a shared, contextualized dataset ready for collaboration. The security, risk, and compliance data fabric platform extracts and transforms data collected from the technology stack, optimizing it for indexing and cost-effective, long-term storage in a data lake before loading it to its destinations, including best-of-breed business intelligence (BI) and data visualization tools.

Better together: DataBee and Databricks

When brought together with Databricks' Lakehouse, the security, risk, and compliance data fabric from DataBee delivers cost-effective data for AI-powered insights that deliver both economic value and improved security and compliance.

DataBee joins large security and IT datasets and feeds close to the source, correlating with organizational data such as asset and user details and internal policies before normalizing it to the Open Cybersecurity Schema Framework (OCSF). The resulting integrated, time-series dataset is sent to the Databricks Data Intelligence Platform using Auto Loader in Delta tables, where it can be retained and accessible for an extended period.
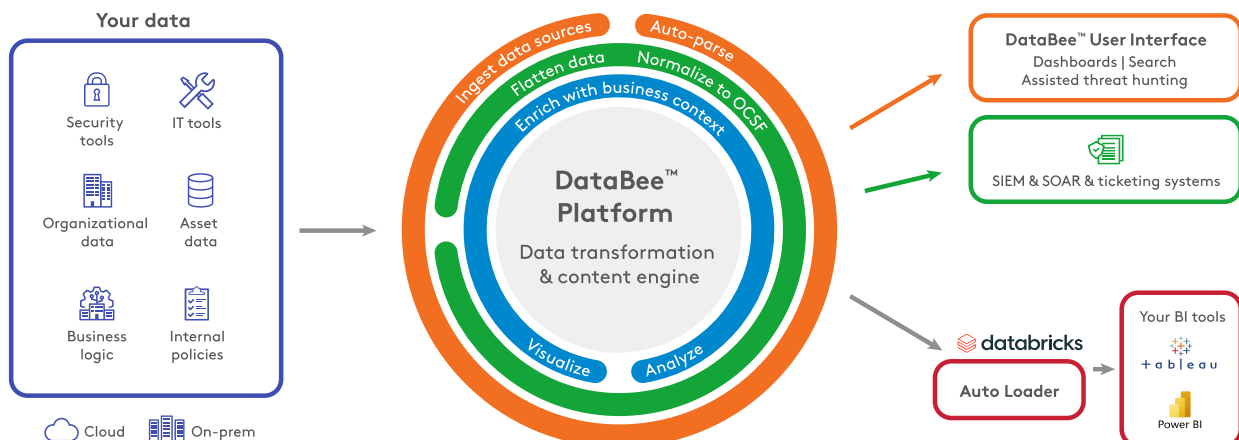
DataBee and Databricks support multiple destinations, where the enriched dataset can be used for robust, actionable reporting in tools your analysts are already comfortable using, such as Tableau and Power BI. Together, enterprise customers gain deeper and more intelligent insights that enable them to remain competitive, secure, and compliant.

Taking your data to the gold layer

In the medallion architecture, businesses and agencies organize their data in an incremental and progressive flow, allowing them to achieve multiple advanced outcomes. From the bronze layer, where raw data lands as is, to the silver layer, where data is minimally cleansed for some analytics, to the gold layer, where advanced analytics and models can be run on data for outcomes across the organization, let DataBee and Databricks get your data to gold.

Bronze	Raw data lands as is
Silver	Minimally cleansed data for some analytics
Gold	Advanced analytics and models can be run on data
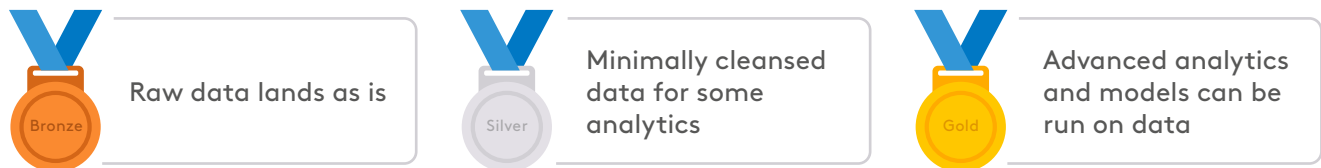
Continuous controls monitoring

Strengthen all three lines of defense with DataBee and put traditional spreadsheet-led compliance monitoring and reporting in the past. DataBee provides reports based on management structure for accountability when addressing at-risk resources, while data retention policies set in Databricks offer a source of truth to understanding compliance trends.

Lower costs, faster insights

Increase data utilization and discover more data relationships from logs and event information. DataBee and Databricks decouple storage and compute from ingestion-based tools like SIEMs, giving you more control and ownership of your data. The transformation engine deduplicates data, and the intelligence can be used to uncover rogue assets and optimize your environment, so you can simplify your technology stack as you gain more contextualized insights.

Accelerate AI and ML operations

Ensure that your artificial intelligence (AI) and machine learning (ML) operations are fueled with data you can trust for its integrity, quality, and accuracy by integrating with Databricks. DataBee transforms data close to its source and then throughout the data pipeline, delivering clean, usable data to Databricks that automates data integration and maximizes productivity. Use the Databricks Data Intelligence Platform to unify security data, analytics, and AI at scale under one unified governance model. Downstream users and applications have traceability and insight into data lineage. For advanced organizations, the flattened dataset can be leveraged for ML model processing via Spark jobs.

Find out more

Are you ready to take advantage of an enterprise-scale data fabric? Let's talk.
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