

FOR 45 YEARS, THE LEADING PUBLICATION COVERING PAYMENT SYSTEMS WORLDWIDE

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## **Anodot Big Data Business Incident Detection**

Analyzing millions of metrics within massive amounts of streaming data to detect anomalous incidents that can provide business intelligence is the specialty of Anodot. What separates Anodot from



Anodot other companies that also use machine learning is that its

system operates in real time and is fully automated. Nothing is supervised. There is no need for

dashboards or for reports to be created and managed by teams of a client's employees. In addition, Anodot also identifies for clients anomalies they did not know to ask for.

Clients send 100% of their data through an application programming interface. It does not review specific transactions, only aggregated data.

Anodot's software-as-a-service model provides very specific analysis, not only high-level observations. An on-premises offering will be available.

Anodot's patented algorithms incorporate topological data analysis with machine learning, enabling not only the identification of abnormal behavior from normal behavior, but the ability to detect what is relevant about the abnormality by identifying multiple parameters with the same behavior.

With this data Anodot correlates problems in various metrics simultaneously, which makes alerts to clients more informative and actionable. In card payments, applications include fraud fighting, late payment trends, network malfunctions, and credit-line management.

Posted with permission from The Nilson Report, Carpinteria, California. **Click here** to learn more about the publication. Anodot provides immediate alerts to card issuers of problems and performance issues, helping them take actions to avoid lost revenue opportunities.

The company, which is headquartered in Israel, earns revenue based on the number of unique metrics clients report to Anodot.

## Algorithms incorporate topological data analysis with machine learning.

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