

The Technology

Technology Overview

Flying Cloud patented data surveillance technology delivers real-time visibility into data movement, usage, and changes. It identifies and fingerprints data at the binary level, determining where it originates, its purpose, level of sensitivity, movement and relationship to other data and users. The technology catalogs data content and structures without requiring any file modification. Data surveillance analyzes incoming data, data in motion across a network, and data leaving an environment. It creates a rolling baseline of normal data patterns, so that anomalous usage, unprivileged access, and threat actors become immediately visible. When anomalies appear, the technology delivers real-time data forensics and analytics. Security defenders receive a data “chain of custody” that identifies exactly who, where, when, and how content was accessed, modified, or distributed.

Product Overview

Flying Cloud CrowsNest

Flying Cloud CrowsNest implements Zero Trust architecture and patented data surveillance technologies to track all data of consequence. CrowsNest delivers real-time knowledge of data’s structure, content, movement and usage. CrowsNest identifies and fingerprints data where it resides. It catalogs data content and structures and tracks data through real-time monitoring, patented machine learning and automation to establish a baseline of normal data patterns. By analyzing incoming data, data in motion and data leaving the environment, CrowsNest continuously updates the baseline of normal activity. With a known rolling baseline, CrowsNest identifies usage anomalies and isolates threats in real time. Contextual analysis connects the dots across attackers’ tactics so teams don’t have to guess what’s going on. For the first time, they can quantify risk and base security policies strictly on the data itself.

CrowsNest Datasheet

https://www.flyingcloudtech.com/wp-content/uploads/FC_CrowsNest_DS.9.4.18.pdf