TigerGraph

Customer Success Story

Market Leader in Cyber Resilience Scales Next-Generation Cybersecurity Services in the Cloud with TigerGraph

THE CUSTOMER

A market leader in cyber resilience offers threat intelligence, endpoint protection, and disaster recovery for individuals and businesses of all sizes. It is one of the first companies to harness the cloud and artificial intelligence together to stop cyber threats in real-time. One of their classification services has classified and scored nearly 100% of the Internet to generate one of the largest URL databases of its kind.

THE CHALLENGE

The cybersecurity company was unable to scale their classification services with their existing solution based on SQL Server. New websites emerge at astonishing rates – in order to deliver effective cybersecurity, they needed to use accurate and timely threat data and execute thousands of classifications per second across massive data sets. They recognized that they needed an entirely new back-end to power their classification services in order to keep up with the ever-expanding internet.

THE SOLUTION

With the power of TigerGraph, the cybersecurity company can categorize new websites as they emerge and protect customers from web threats using real-time machine learning-based intelligence in the cloud. With a sophisticated combination of global threat sensors, the company is able to continuously update and expand its knowledge of classifications and risk scores, and identify new cyber threats at scale.

Cybersecurity vendors are better able to protect their customers from malicious sites with threat detection powered by machine-learning and graph analytics.
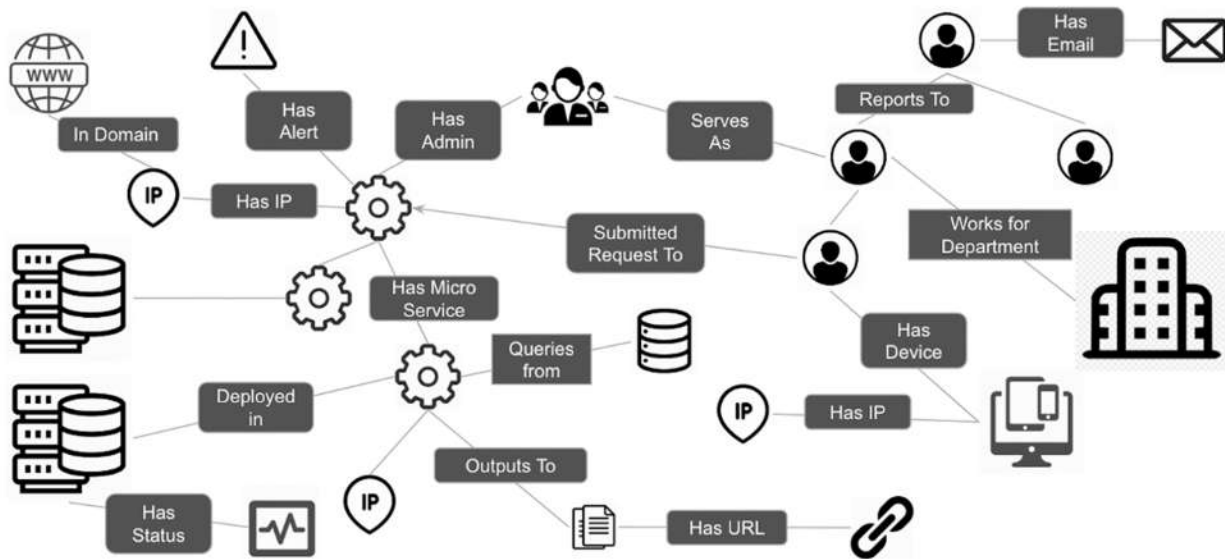
THE RESULTS

The cybersecurity company's classification services will be able to better protect its customers from malicious sites with accurate and timely threat detection powered by machine-learning and graph analytics. Through its collaboration with TigerGraph, the company has continued its legacy of innovation in cloud-based cybersecurity, harnessing next-generation technology to maintain its position as a market leader in the space.

TigerGraph

TigerGraph

Advanced Analytics and Machine Learning on Connected Data

Some of Our Customers

AMGEN® INTUIT wish

STATE GRID CORPORATION OF CHINA opencorporates

中国移动 China Mobile Pagantis IPPEN DIGITAL PLATTFORM

Kickdynamic

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"Graph algorithms scale exponentially. Graph requires scalable software, more so than any of the other situations or challenges you have considered."

– Brad Spiers, Executive Director,
JPMorgan Chase

"With TigerGraph we can join sources of data together and make connections within the data that previously we couldn't. We can now answer questions that, for the last 20 years, we didn't think were possible to ask."

– Harry Powell , Director of Data & Analytics
Jaguar Land Rover

Customer Benefits:

- Real-time fraud detection at

- 7 out of the world's top 10 global banks

- Care path recommendations for 50 million patients

- Personalized offers for 300 million consumers

- Energy infrastructure optimization for 1 billion people

What is TigerGraph?

- The only scalable graph database for the enterprise: 40-300x faster than competition

- Foundational for AI and ML solutions

- Designed for efficient concurrent OLTP and OLAP workloads

- SQL-like query language (GSQL) accelerates time to solution

- Available on-premise & on: Google GCP, Microsoft Azure, aws

Get Started for Free at : TGcloud.io

TigerGraph Cloud graph database as a service is built for agile teams who'd rather be building innovative applications to deliver new insights than managing databases.

Tigergraph supports applications such as fraud detection, anti money laundering, customer 360, unified ID, supply chain, knowledge graph, personalized recommendation, artificial intelligence and machine learning, etc.

STARTER KIT	OVERVIEW
COVID-19 ANALYSIS	Detect hubs of infection and track the movements of potential spreaders
CUSTOMER 360-ATTRIBUTION & ENGAGEMENT GRAPH	Create a real-time 360 view of the customer journey for attribution and engagement insights.
CYBERSECURITY THREAT DETECTION-IT	Block cybersecurity threats by detecting interconnected events, devices and people
ENTERPRISE KNOWLEDGE GRAPH (CORPORATE DATA)	Analysis of corporate data including investors and key stakeholders.
ENTERPRISE KNOWLEDGE GRAPH (CRUNCHBASE)	Knowledge graph examples featuring crunchbase data with startups, founders and companies.
ENTITY RESOLUTION (MDM)	Identify, link and merge entities such as customers with analysis of attributes and relationships.
FRAUD & MONEY LAUNDERING DETECTION	Multiple types of fraud and money laundering patterns.
GSQL 101	Introduction to TigerGraphs powerful graph query language.
HEALTHCARE GRAPH (DRUG INTERACTION/ FAERS)	Healthcare example focused on public (FAERS) and private data for pharmaceutical drugs.
HEALTHCARE–REFERRAL NETWORKS, HUB (PAGERANK) & COMMUNITY DETECTION	Analyze member claims to establish referral networks, identify most influential prescriber's and discover the connected prescriber communities.
MACHINE LEARNING & REAL-TIME FRAUD DETECTION	Mobile industry example for detecting fraud in real-time and generating graph- based features for training the machine learning solution.
NETWORK & IT RESOURCE OPTIMIZATION	Network and IT resource graph for modeling and analyzing the impact of the hardware outage on workloads.
RECOMMENDATION ENGINE (MOVIE RECOMMENDATION)	Graph-based movie recommendation engine built with public data.
SOCIAL NETWORK ANALYSIS	Social network example for understanding and analyzing relationships.
SUPPLY CHAIN ANALYSIS	Example covering inventory and impact analysis.

https://www.tigergraph.com.cn/product/cloud/starterkits/

WeChat: TigerGraph

TigerGraph.com.cn/link/