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.
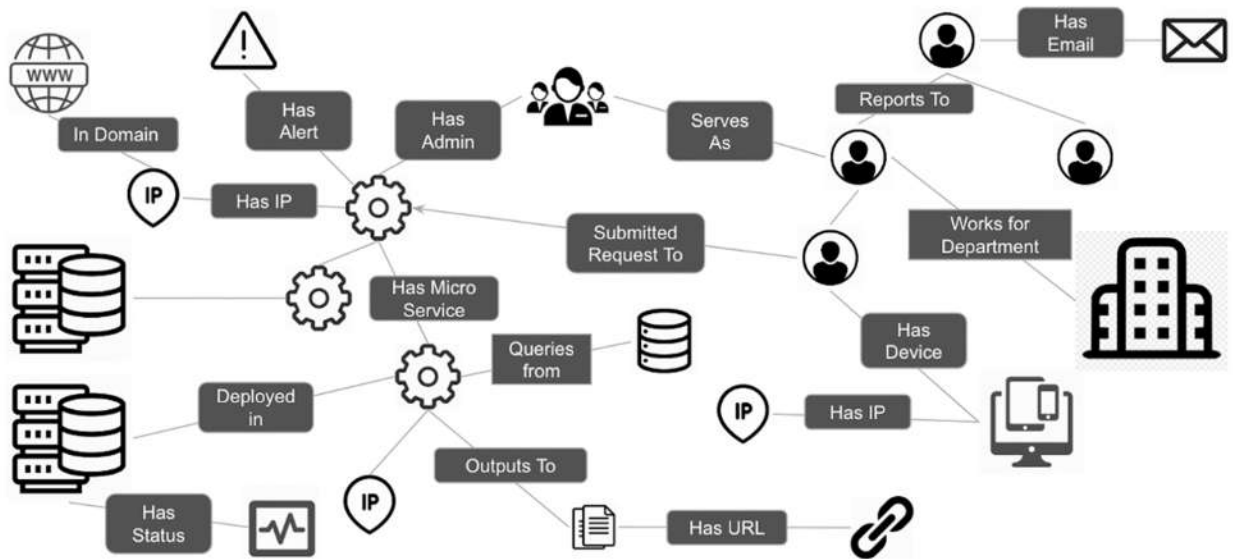
THE CHALLENGE

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.

CUSTOMERS

AMGEN

intuit

wish

STATE GRID CORPORATION OF CHINA

Watch testimonials at
tigergraph.com/testimonials

CUSTOMER QUOTES

"It's huge data (*terabytes*) and finding influencers in that data, it's not easy, but TigerGraph has scaled for us."

- Vishnu Maddileti
Director of Data Sciences and Analytics
Amgen

"Some of the questions that graph databases answer are hard to come to conclusion with in RDBMS or it takes forever. We needed a better tool to find relationships and TigerGraph was just that."

- Ely Turkenitz, IS Manager
Santa Clara County

"TigerGraph's speed and scalability and graph model have enabled many applications for us that we previously thought were overly challenging "

- Jack Xie, Head of Data
Wish.com

GET STARTED FOR FREE AT TIGERGRAPH.COM/CLOUD

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.

CLOUD STARTER KITS

TigerGraph Cloud Starter Kits are built with sample graph data schema, dataset, and queries focused on specific use cases such as fraud detection, recommendation engine, supply chain analysis and/or a specific industry such as healthcare, pharmaceutical or financial services.

Starter Kit	Overview
Customer 360 – Attribution and Engagement Graph	Real-time 360-degree view of the customer journey for attribution and engagement
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 example featuring Crunchbase data
Entity Resolution (MDM)	Identify, link and merge entities with analysis of attributes and relationships
Financial Services (Payments) – Fraud Detection	Detect and stop fraudulent payments in real-time
Fraud and Money Laundering Detection (Financial Services)	Multiple types of fraud and money laundering patterns
GSQL 101	Introduction to TigerGraph's powerful graph query language
Healthcare Graph (Drug Interaction /FAERS)	Focused on public (FAERS) and private data for pharmaceutical drugs
Healthcare – Referral Networks, Hub (PageRank) & Community Detection	Analyze patient claims to establish referral networks, identify influential doctors
Machine Learning and Real-time Fraud Detection	Mobile industry example for detecting fraud in real-time and for machine learning
Network and IT Resource Optimization	Network and IT resource graph for analyzing the impact of hardware outages
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 planning and impact analysis

CONTACT

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About TigerGraph

TigerGraph is the only scalable graph database for the enterprise. Based on the industry's first Native and Parallel Graph technology, TigerGraph unleashes the power of interconnected data, offering organizations deeper insights and better outcomes. TigerGraph fulfills the true promise and benefits of the graph platform by tackling the toughest data challenges in real-time, no matter how large or complex the dataset. TigerGraph's proven technology supports applications such as fraud detection, customer 360, MDM, IoT, AI and machine learning to make sense of ever-changing big data, and is used by customers including Amgen, China Mobile, Intuit, and Wish, along with some of the world's largest healthcare, entertainment and financial institutions.

TigerGraph