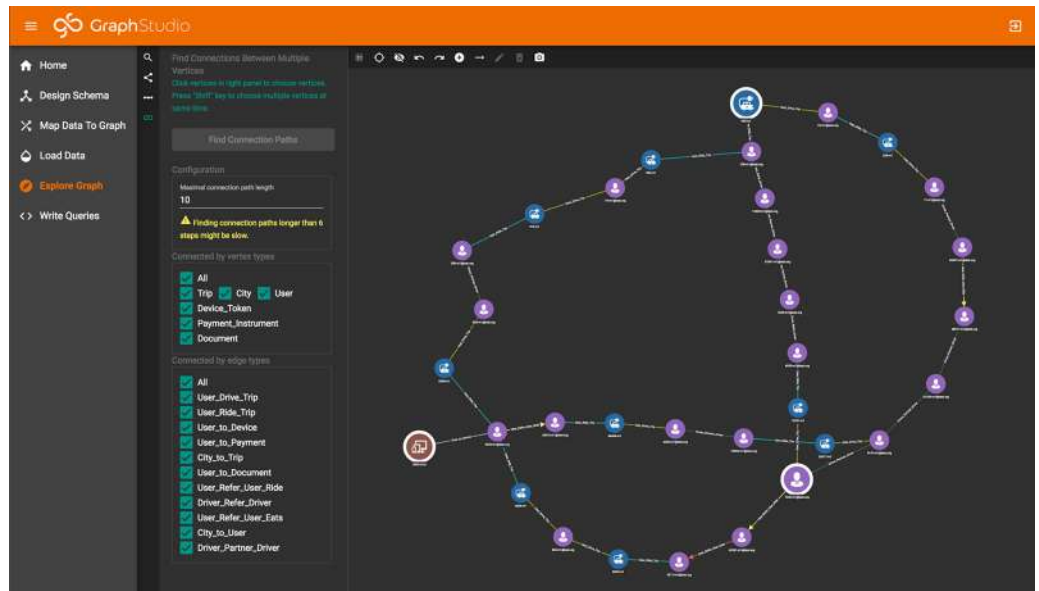


### FEATURES

- **Cloud or On-Premises** - to fit your needs.
- **Scales Out** - distributes massive graphs and manages replicas for high availability.
- **ACID Compliant** - for full consistency and transactional guarantees.
- **Flexible and Powerful Graph Language** - GSQL combines familiar SQL for simple queries and updates, with procedural programming, built-in parallel processing and user-defined functions for efficient and advanced analytics.
- **Simple Integration** - REST APIs enable easy and seamless integrations with your applications.
- **Visual Design Interface** - GraphStudio UI simplifies all your graph development tasks - modelling, loading, writing queries, and exploring data.
- **Built-in Data Compression** - stores data compactly, cutting hardware costs and reducing data access latency.



### Why Graph?

Always on. Off the grid. Six degrees of separation.

It's all about relationships. Now we're finding ways to explore those connections and see what they can tell us. And they can tell us a lot: about the phone calls we make, the people committing fraud, the products to offer together, and more.

It's called Graph Analytics. It is the only data model that stores and processes both data and individual relationships between data. Graph databases offer a simplified way to connect silos of data using SQL-like queries that do not require programming experts.

### The TigerGraph Advantage

Whether for customer analytics, fraud detection, or risk assessment, you need real-time big graph analytic capabilities that can explore, discover and predict complex relationships. This is more than just connected data - it is real-time and up-to-date correlation, detection, and discovery.

Achieve more with the same resources. Look deeper; uncover more.



### BENEFITS

- ✓ **Deep Link Analytics** - Uncover relationships and make correlations that were unattainable before. TigerGraph easily traverses 3 to 10+ hops per query.
- ✓ **Fast Loading and Real-Time Updates** - Loads 50 to 150 GB/hour/machine online. Handles 100M+ update/machine/hour.
- ✓ **Fast Processing** - Whether it's high volume transactions or complex, multi-hop analytics, TigerGraph delivers real-time results. Traverse 100M+ edges/sec.
- ✓ **Distributed** - Scales and grows with you. Distribute your data and processing across multiple nodes in a cluster.
- ✓ **Battle-Tested** - In production for more than 2 years in mission-critical applications at leading companies.

## CUSTOMER QUOTES

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

- Jack Xie, Head of Data at Wish.com

"We chose TigerGraph for three reasons: its real-time high performance computational power, its scalability to process large graphs and its flexible and powerful SDK which enables my teams to develop vertical applications quickly and efficiently."

- Guangyi Liu, PhD, CTO of GEIRI North America, State Grid Corporation of China

"We tried many graph databases but none met our requirements because of slow loading speed or slow query performance. TigerGraph's super fast data loading speed and real-time sub-second query performance on large datasets provides unparalleled performance advantages."

- Minh Chau, Head of Engineering at Elementum

## CONTACT

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## CUSTOMERS AND USE CASES



TigerGraph's real-time analytics on giant graphs is the engine behind fraud prevention at the world's largest e-commerce provider, recommendations at the world's largest mobile e-commerce company, and network management at the world's largest electric grid company.

### **ANTI-FRAUD & ANTI-MONEY LAUNDERING:**

TigerGraph's deep link analytics and big graph capabilities uncovers hard-to-find patterns and connections. Financial crimes teams can investigate specific transactions, high-risk customers or counterparty relationships using a graph modeling approach, in real-time.

### **MASSIVE-SCALE TRANSACTION PROCESSING:**

One of the world's largest e-payment companies uses TigerGraph to handle a graph with 100B+ vertices and 2B+ real-time updates/day. 20-node cluster, 2+ years in production, full ACID.

### **SUPPLY CHAIN INTELLIGENCE:**

Provides real-time visibility and analytics into key supply chain operations including order management, shipment status and other logistics.

### **CUSTOMER INTELLIGENCE:**

Empowers organizations to quickly deploy powerful relationship analysis capabilities. Real-time capabilities allow retailers to quickly synthesize and make sense of customer behavior and activities, smartly clustering products and making real-time, personalized recommendations.

### **SMART GRID:**

Working closely with leading energy and utility companies, TigerGraph has pioneered Native Parallel Graph approaches that help companies monitor and analyze power flows, detect bottlenecks, and alert personnel about grid performance issues.

## About TigerGraph

TigerGraph is the world's fastest graph analytics platform designed to unleash the power of interconnected data for 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 supports applications such as IoT, AI and machine learning to make sense of ever-changing big data. TigerGraph's proven technology is used by customers including Intuit, VISA, Alipay, Wish, China Mobile, State Grid Corporation of China, and Zillow. For more information, follow the company on Twitter @TigerGraphDB or visit [www.tigergraph.com](http://www.tigergraph.com).