

Embed Neo4j to Differentiate Your Software Solution – Data Sheet

WHAT IS NEO4J?

Neo4j is a highly scalable, native graph database that delivers real-time insights into data relationships. Products and services based on the Neo4j graph database effortlessly surface these relationships, even between different data types and sources, to deliver a competitive advantage to our OEM partners.

NEO4J IS IDEAL FOR PRODUCT TEAMS THAT:

- Need to introduce new capabilities based on knowledge of data relationships but are hampered by their underlying database.
- Have identified an opportunity for new features or services that are dependent upon data relationships.

THRIVING COMMUNITY

Neo4j is the leader in the graph technology market delivering thousands of deployments and a large partner and OEM ecosystem. When partners choose Neo4j, they become part of a passionate, thriving community of hundreds of thousands of users and developers who inspire and support each other, sharing skills and accelerating delivery.

Graph Technology Powers Evolving Software Applications

In a world where everything is increasingly interconnected, a modern business must be run as connected enterprise to be successful. Throughout organizations, departments are increasingly digitized and tightly connected via integrated IT processes and the Internet of Things (IoT). To build and sustain a competitive advantage, solution providers must leverage data connections.

The good news: Graph databases such as [Neo4j](#) are inherently designed to find and employ data relationships efficiently.

In fact, innovative solution companies are already using graph technology to evolve their products and services in a wide range of areas: service assurance for telecom and IT networks, infrastructure and application performance monitoring; cybersecurity; enhancing customer experience; real-time personalized recommendation engines; fighting financial fraud and other crime; exploiting IoT and artificial intelligence; manufacturing and supply chain management; and seamless integration of disparate data to create a connected enterprise.

Today Neo4j is used by software vendors including Cisco, Virtual Instruments, Zenoss and Serena Systems for IT infrastructure monitoring; AlertLogic and Identropy for cybersecurity monitoring; and Pitney Bowes for the next generation of Master Data Management.

Harness the Graph Technology Wave with Neo4j

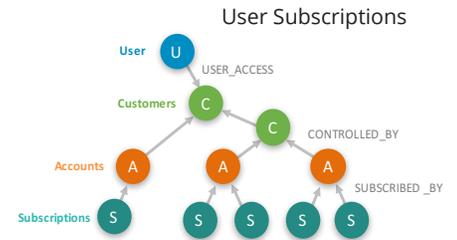
At Neo4j, we created a native graph database that transforms the way software applications manage and leverage data relationships. Unlike other data models, Neo4j connects data as it's stored, which means the intelligence created from those connections is available directly from the database without the need for additional processing. This accelerates application development and exposes relationships in real time.

Neo4j can be used as a central database platform or alongside an existing database to add graph capabilities. With the flexibility provided by Neo4j and its schema-less model, you can continually improve your solutions by accommodating new data sources and formats — without a rewrite of your data model and without impacting customer experience.

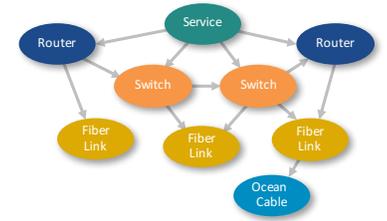
By integrating and embedding Neo4j, our OEM partners achieve a sustainable competitive advantage through differentiated software applications with a native graph heart.

We've done all the hard work, so you don't have to.

Graph Makes Sense of Complex Networks



Network Infrastructure



Social Network



INDUSTRY LEADERS

INTEGRATE WITH NEO4J



"Neo4j's flexibility with data connections allows customers to import all of their connected data, see the richness in the data relationships, understand different patterns and get insights from their data."

– Chuck Kane,
Director of Global Solutions
Pitney Bowes



Leverage the #1 Database Platform for Connected Data

Neo4j is the essential database for connected data with its emphasis on native graph storage and real-time query processing. Its real-time performance when traversing data, ACID compliant transactions for graph data, flexibility of modeling and a wide array of developer productivity tools means organization of any size can deliver important insights from data connections with greater agility and at a lower cost than previously possible.

Performance: Minutes to Milliseconds

Traverse any depth of data in real time with Neo4j. RDBMS and other NoSQL databases typically suffer degraded performance when traversing data beyond three levels.

- Index-free adjacency delivers millions of hops per second
- In-memory pointer chasing for fast query results

Data Integrity: ACID Transactions, Causal Clustering and Security

Ensure continual data integrity for mission-critical applications with Neo4j's fully ACID transactional database and Causal Clustering.

- ACID transactions (Atomicity, Consistency, Isolation, Durability) with causal consistency
- Neo4j security foundation delivers enterprise-class security and control

Agility: Exceptionally Flexible Models

Don't struggle any longer to fit data into predefined tables with Neo4j. And when business requirements change, the data model adapts in minutes – not months.

- Native property graph model
- Modify schema as business changes without disrupting existing data

Developer Productivity: Built-in Efficiency

Quickly develop applications with intuitive tools like Cypher, official language drivers, stored procedures and more APIs.

- Easy-to-learn, declarative Cypher graph query language
- Procedural language extensions
- Open library of user-defined procedures and functions

Hardware Efficiency: Get the Most from Your Resources

Use an exceptionally compact database that scales horizontally to better leverage your hardware resources.

- Native graph query processing and storage requires 10x less hardware
- Index-free adjacency uses 10x less CPU

Partnership

We work closely with partners to quickly integrate and extend Neo4j for unique and sustainable solutions. Our team has years of experience working with OEM partners and offer flexible pricing models to align with your business model.

We are 100% dedicated to graph solutions and helping our partner ecosystem thrive. To find out more, contact us at oempartners@neotechnology.com

Neo Technology is the creator of Neo4j, world's leading graph database. Neo4j is a highly scalable native graph database that leverages data relationships as first-class entities to help companies build intelligent applications that meet today's evolving connected data challenges including fraud detection, real-time recommendations, master data management, network security and IT operations.

Enterprises like Walmart, UBS, Cisco, HP, adidas and Lufthansa and hot startups like Medium, Musimap and Glowbl rely on Neo4j to harness the connections in their data.

Questions about Neo4j?

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