

# graphTerrain for netViz Customers

Jan Durnhofer – Product Management and Technology



[www.graphicalnetworks.com](http://www.graphicalnetworks.com)

# What is graphTerrain?

- graphTerrain is a new product from Graphical Networks for general-purpose diagramming and collaboration
  - Graphical Networks was founded by former netViz employees in 2007 and is based in Bethesda, MD
- graphTerrain is an affordable, real-time, collaborative solution, ideally suited for:
  - IT documentation
  - Network mapping
  - Enterprise Architecture
  - Business process mapping
  - And much more!
- graphTerrain is a SQL Server / Windows-based licensed software, that includes:
  - An administrative interface for catalog and user management
  - A 100% web-based visualization engine for data management

# Why migrate to graphTerrain?

- Retain all your catalog and Project Items
  - Our netViz migration utility imports the entire catalog and project and retains the original coordinates with just a few clicks
  - All icons, visual overrides and backgrounds are maintained
  - All attributes and values are ported to graphTerrain's database
- Minimal learning curve
  - It will take minutes for a netViz user to get familiar with graphTerrain's navigation and overall feature-set.
- Enterprise-Grade Scalability and performance
  - graphTerrain is faster, more scalable and more reliable
- New Architecture and Technology
  - graphTerrain uses new technologies and architecture paradigms
- 100% web-based visualization
- Simpler licensing and more flexible pricing

# Enterprise-Grade Scalability and performance

- Real-time
  - graphTerrain reads and generates data on demand, directly from the SQL database. There is no refresh or publish process involved. Graphics and Database are always in synch in real-time
- Virtually unlimited scalability
  - Diagrams are generated dynamically and on the fly directly from the source, so there is no massive project that keeps growing. graphTerrain is as scalable as SQL Server is
- Multiuser & Concurrent
  - graphTerrain is multiuser and allows concurrent modification of diagram data as opposed to netViz' single-user, file-based approach
- More stable and reliable
  - Whether a deployment has 100 or 100 million nodes, diagrams are only rendered upon request, instead of loading an entire static project into memory, yielding a much more stable code (no more “segment violation errors”)

# New Architecture and Technology

- 100% native web-based visualization
  - No need to publish data to the web since it is natively web-based
  - Richer web-based feature set
- Streamlined, “project-free” architecture
  - graphTerrain generates diagrams on the fly, concurrently and in real-time. There is no need for project synchronizations or reconciliation of types as there is no project involved
- Open relational SQL-based API and data structure
  - graphTerrain is based on a standard SQL API and database instead of a proprietary C-tree file-based database and API
- Modern .NET based technology
  - graphTerrain is based on test-driven, agile methodologies and modern programming technologies

## ▪Contact Us:



▪**ph: 301-947-6714**



▪**fax: 301-560-6631**



▪**[sales@graphicalnetworks.com](mailto:sales@graphicalnetworks.com)**