

## LOGIBALL and NAVTEQ enable Bayerngas field engineers to get on site in less than 30 minutes



Bayerngas, the biggest communal supplier of gas in Germany, needed a navigation map that would get a service employee to a locality swiftly and accurately. With enhanced digital map data from NAVTEQ and a navigation platform from NAVIGON, leading map software engineers **LOGIBALL met their needs with Germany Plus.**

### Challenge

When an accident such as a defective gas pipeline happens in Germany, gas utilities companies have to start dealing with it within 30 minutes. If those sent to service the problem don't know where the pipelines are located, this can cause unwanted and costly delays. This is especially true of temporary workers and service providers unfamiliar with the area.

Pipelines and other equipment can also often be in outlying areas, such as forests, so a normal navigation system covering the official road network is inadequate.

### Solution

LOGIBALL solved the problem for Bayerngas by combining its navigation database Germany Plus – using its GDF SUITE technology – with highly accurate maps from NAVTEQ, together with the NAVIGON NavigatoR navigation platform on PDA.

NAVTEQ maps, which are highly valued for being updated regularly and verified in the field, were enhanced to meet the customers' needs. LOGIBALL added forest and field ways to NAVTEQ Germany data using official sources to create 1.3 million kilometres of additional off-road information. Therefore, LOGIBALL Germany Plus ensures Bayerngas can reach destinations in both urban and rural areas.

LOGIBALL also integrated Bayerngas' POIs (Points of Interest) into the navigation map, which they can select as destinations and point to using their own symbols.

**LOGIBALL**  
engineering the world's navigation maps

**bayerngas**  
Energiepartnerschaft mit Zukunft

### THE CHALLENGE

Guide Bayerngas field engineers to network assets:

- with pinpoint accuracy
- in rural or urban areas
- in less than 30 minutes.

### THE SOLUTION

- Navigation software by NAVIGON
- NAVTEQ maps of Germany
- Germany Plus – a LOGIBALL extension to NAVTEQ maps.

### THE BENEFITS

- Accurate routing to destinations
- Up-to-date maps containing forest paths not included in standard navigation systems
- Speedier response times
- Easy guidance for drivers.

## Benefits

Overall, Bayerngas gained faster and more accurate routing to destinations thanks to LOGIBALL's solution.

Staff can easily reach all addresses or destination points even if they are far from the official road network. And all servicing personnel, whether they know the area or not, can find their way easily – a real benefit when they have to deal with an accident quickly.

Finally, Germany Plus makes good business sense by guiding staff straight to the equipment that needs maintaining.

---

## About LOGIBALL

LOGIBALL - a NAVTEQ partner - is at the forefront of engineering the world's navigation maps. Founded in 1994, it offers special navigation solutions for different markets and industries. The product offering consists of navigation content for special use cases and activities stored in the database EUROPE PLUS. For navigation system providers LOGIBALL offer unique selling propositions. The success is based on the LOGIBALL product GDF SUITE technology. This tool covers the entire process chain from capturing navigation data up to distribution of application formats.

For more information, visit [www.logiball.de](http://www.logiball.de)

## About NAVTEQ

NAVTEQ is a leading provider of comprehensive digital map information for automotive navigation systems, mobile navigation devices, Internet-based mapping applications, and government and business solutions. NAVTEQ creates the digital maps and map content that power navigation and location-based services solutions around the world. The Chicago-based company was founded in 1985 and has approximately 2,000 employees located in 139 offices in 23 countries. Its European headquarters are in Veldhoven, Netherlands. For more information, visit [www.navteq.com](http://www.navteq.com)

---

NAVTEQ is a trademark. © 2007 NAVTEQ. All rights reserved.  
All other product or service names referenced herein are the property of their respective owners.

## Germany Plus

Germany Plus is an extension to the NAVTEQ road network, including 1.3 million kilometres of navigable routes.

It encompasses field and forest trails and land use data which are essential to access Bayerngas's assets.

Germany Plus is available in the same GDF format as NAVTEQ streetmap.

*"Our navigation system allows us to follow the mandatory reaction time of 30 minutes in case of a breakdown"*

Dietmar Schröcker  
Leader of the Network  
Management and  
Documentation Centre  
Bayerngas



## NAVTEQ CONTACTS

[enterprise@navteq.com](mailto:enterprise@navteq.com)  
[www.navteq.com](http://www.navteq.com)