

Navigate through Nokia's "Location-based Experience" portfolio

Mobile devices are always with you, wherever you go. Now with Nokia's new mapping and navigation technology, your handset can even tell you where you are, where to go and how to get there.

The personal navigation market has exploded in recent years. Millions of drivers around the world now rely on GPS (Global Positioning System) devices to help them find their way. But what better way to have this personal navigation capability in a device that's always at hand? Nokia combines GPS functionality with always-on mobile connectivity, providing consumers with a range of additional benefits, including access to the latest updated maps and points of interest.

Location-based experiences will increasingly be at the core of the Nokia portfolio of multimedia computers, enterprise products and mobile phones. And, with the acquisition of gate5 and Navteq, the leading suppliers of mapping, routing and navigation software and services, Nokia can offer industry leading maps, routing, navigation and other location-based applications on its mobile devices. Nokia's aim is to provide products for all consumer segments. Given this breadth, Nokia works with number of suppliers to find the most effective and easy to implement solutions for each product.

On Nokia's multimedia computers, particularly the Nokia Nseries, and Nokia Eseries devices, global maps and routing information are now standard on new devices. Nokia has made navigation applications, utilizing the S60 technology available through easy-to-use downloads for owners of other selected Nokia devices. On Nokia's navigation-optimized mobile phones these applications are standard features.

Taking a trip through the location-based experience is easy. Intuitive dedicated keys or menu-based access help consumers find their way.



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- **Maps:**

Clicking on the application reveals a global map and, once there is a satellite fix, the device automatically shows your location on a more detailed map. You can even search for a specific address and the location will appear on the map. The maps feature boasts millions of points of interest – from railway stations and hospitals to tourist attractions and restaurants – and consumers can search for these nearby or in any worldwide location. Detailed information about each point of interest, like the address and telephone number can also be accessed. So, find the location of a nearby restaurant and then immediately call to book a table. Or search for a local theater and use the handset's web browser to book tickets online.

- **Routing:**

Need to find out how to get to a destination? The application will plot the quickest route and illustrate it on a map and show the user's location whether you are on foot or at a car.

- **Navigation:**

Turn-by-Turn voice-guided navigation with automatic re-routing as well as signposts and multi-stop route planner – this application builds on the routing functionality by speaking out directions and, if you make a wrong turn, it will automatically calculate a new route. Real-time traffic feeds inform about collisions, road works and traffic jams. After the feed is received, the device can dynamically re-route to avoid a traffic event. Pedestrian navigation efficiently walks you from A to B with visual guidance in city and also country-side. It helps you to locate yourself by giving information about the surrounding buildings, streets and parks and notifies the direction you are walking. Breadcrumbs show your previous position and mark down the route you've been walking – this makes it easier to sketch the direction you're going to. On select devices, the built-in compass gets you right on the track where ever you are. Our multimedia computers, consumers can purchase navigation for 1 week, 1 month, or for 1 year and select the area. Prices vary depending on the selected area and contract.

- **City guides:**

Thousands of city guides can be purchased, providing more information and recommendations on tourist attractions, restaurants, hotels etc in a particular city. Purchasing city guides is a one time purchase – and prices vary depending on program. New multimedia travel guides by premium brand city guide providers include also photos, videos and audios of your favorite places. You can also collect your own places and routes, and share them with your friends and family.



It has been proven that consumers are utilizing their mobile devices for more than just voice calls and text messages. Nokia has taken the location-based experience to a new level with their industry-leading applications. And, best of all, consumers can continue to rely on the quality Nokia is known for around the world – no matter how they get there.

** The Navigation feature is an additional cost for use on Nokia's Nseries and Eseries devices, and a standard feature on navigation-optimized mobile phones, such as Nokia 6210 Navigator.