

Digital maps, route planning, hotel and airport search, distance calculation: Geographical functionality made by PTV supports users of SAP® Travel Management in planning and managing their business trips. The PTV software is integrated via standardised interfaces.

### Managing business trips

SAP® Travel Management is an integrated application that allows users to manage their business trips. They can deploy the software to book their flight, hotel, rental car or train ticket and to easily create their travel expense report. All bookings and the travel expense management comply with the travel management policy of the company. The managers responsible can define an effective travel policy and keep the travel expense budget transparent.

### Everything on one map

The PTV xServers integrated into SAP Travel Management provide geographical functionality that makes travel planning convenient and easy. The PTV xLocate Server converts the addresses of start and destination points, hotels and airports into geocoordinates. Professional route planning and distance calculation are performed by the PTV xRoute Server. The PTV xMap Server visualises important information as routes and points en route on a digital map.

# PTV integration in SAP® Travel Management

## PTV functions at a glance

### Travel planning:

- ▶ Geocoding and validation of start and destination addresses
- ▶ Hotel search: for hotels closest to the start or destination address
- ▶ Airport search: for airports closest to the start or destination address
- ▶ Map visualisation of hotels and airports

- ▶ Calculation of journey time and exact journey distance
- ▶ Map visualisation of the route
- ▶ Display of detailed journey description/ driving directions

### Travel expenses:

- ▶ Geocoding and validation of start and destination addresses
- ▶ Exact route distance calculation
- ▶ Map visualisation of routes and points en route

### Route Planning:

- ▶ Geocoding and validation of start and destination addresses

**Create Travel Plan**

1 Build Itinerary 2 Search for Hotel 3 Show Hotels 4 Check Selection 5 Build Itinerary 6 Complete Travel Plan 7 Review and Book 8 Completed

4 Previous Step Check Selection Exit to Build Itinerary Start Over Cancel

Calendar Map

**Hotel with Priority Company preference**

- 01 Holiday Inn London Kensington Forum
- 02 Novotel London West
- 03 The Park Lane Hotel London

**Hotel with Priority Non preferred providers**

- 04 Radisson Vanderbilt Hotel
- 05 Millennium Gloucester Hotel
- 06 The Cranley
- 07 The Kensington Close Hotel And Spa
- 08 Jumeirah Carlton Tower
- 09 Jumeirah Lowndes Hotel
- 10 The Royal Park
- 11 Hilton London Paddington
- 12 Marriott London Grosvenor Sq
- 13 Millennium Hotel Blayden
- 14 Radisson Edwardian Sussex Hotel
- 15 Radisson SAS Portman Hotel London
- 16 The Mayfair
- 17 Radisson Berkshire
- 18 Rocco Forte Browns Hotel
- 19 The Cavendish London
- 20 Le Meridien Piccadilly
- 21 Radisson Hampshire Hotel
- 22 Radisson Leicester Square Htl

**List of Hotels**

Destination: London (LON), Great Britain Arrival: 09/23/2008  
Departure: 09/26/2008

Sort By: Distance

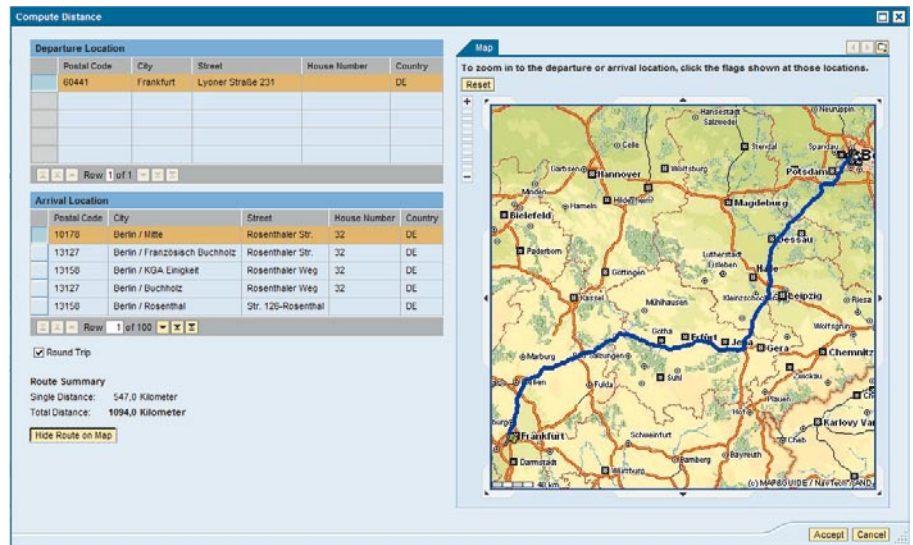
	<b>001 Holiday Inn London Kensington Forum</b>	Hotel Priority: Company preference	Minimum Room Price: 180.00 GBP	Hotel Chain: Holiday Inn	Total Distance: 0.1 Miles
<a href="#">Search for Available Rooms</a> <a href="#">Hotel Details</a> <a href="#">Show Hotel in Map</a>					
	<b>004 Radisson Vanderbilt Hotel</b>	Hotel Priority: Non preferred providers	Minimum Room Price: 179.00 GBP	Hotel Chain: Radisson Hotels	Total Distance: 0.1 Miles
<a href="#">Search for Available Rooms</a> <a href="#">Hotel Details</a> <a href="#">Show Hotel in Map</a>					

Hotel search – easy and clear

## Valuable extra functionality

The integrated PTV components offer the following advantages:

- ▶ All functions are self-explanatory and directly integrated into the SAP Travel Management graphical user interface.
- ▶ Geographical information can be grasped more quickly since it is displayed on a map that provides a better overview.
- ▶ The detailed journey description allows precise guidance to any destination, makes travel planning easier and reduces the journey time.
- ▶ Exact distance calculation guarantees a correct travel expense report that cannot be manipulated.



Routing with exact distance calculation

- ▶ All PTV components are safe investments and fully upwards compatible.

## Great partners – helping SAP users everywhere

SAP and PTV have been close collaborators for years. That offers real benefits for SAP users: Pre-configured PTV components can be integrated with SAP systems over standard interfaces – no modifications required. That reduces project cycle time, cuts costs and improves quality.

The following SAP applications ship with PTV components as standard:

- ▶ SAP® Travel Management
- ▶ SAP® Supply Chain Management (TP/VS)
- ▶ SAP® Mobile Sales
- ▶ Multi Resource Scheduling

## Profile PTV AG

The PTV Group provides cutting-edge software technology and consulting to enable customers to meet their mobility needs. It helps people plan and manage traffic and transportation, provides them with the latest traffic reports and assists them in optimising their long-term resource allocation. Since 1979, our independent corporate group has been a leading provider of products and solutions for travel, traffic and transportation planning. Strong international demand has fuelled dynamic growth: We currently have over 700 employees worldwide crafting innovative solutions for our customers.

Our Karlsruhe headquarters acts as a development and innovation centre with tight links to research and educational institutions. We additionally maintain shareholdings and subsidiaries in Germany, Europe and on every continent in the world. In the Traffic, Mobility and Logistics business fields, PTV technology forms the foundation of a host of brand-name products and our own leading map&guide and PTV Vision product lines.