



## **WinRoute certified for mySAP™ ERP**

Routing International is pleased to announce that WinRoute its leading Route Planning Optimization product has been certified by SAP for successful integration with mySAP™ ERP.

Relying on standard SAP External Transport Planning System interfaces, WinRoute offers advanced functionalities for mySAP™ ERP users in the domain of transportation planning optimization. In particular WinRoute enable companies to significantly reduce their transportation costs (typically 10 to 20%), increase the quality of the service they are offering to their clients, and save time in defining optimized routes.

Transportation Planning optimization is a piece in the complete Supply Chain. The value companies will extract from this process strongly depends on how well the solution they are using is integrated with the other parts of this chain. This is why Routing International has been investing for years in making sure its products easily and efficiently integrate with all major ERP, TMS or WMS solutions on the market.

Routing International is committed to offer its clients the benefits of leading edge technologies such as WebServices and Service Oriented Architecture (SOA) - the IT architecture paradigm supported by all major software vendors in the market.

Next to its Transportation Planning System, SAP also certified Routing International web-based solution for the visualization of optimized planning WinRoute Solution Browser. WinRoute Solution Browser can be deployed as an iView within SAP Enterprise Portal offering SAP users rich content while continuing to benefit from the portal look & feel and advanced features.

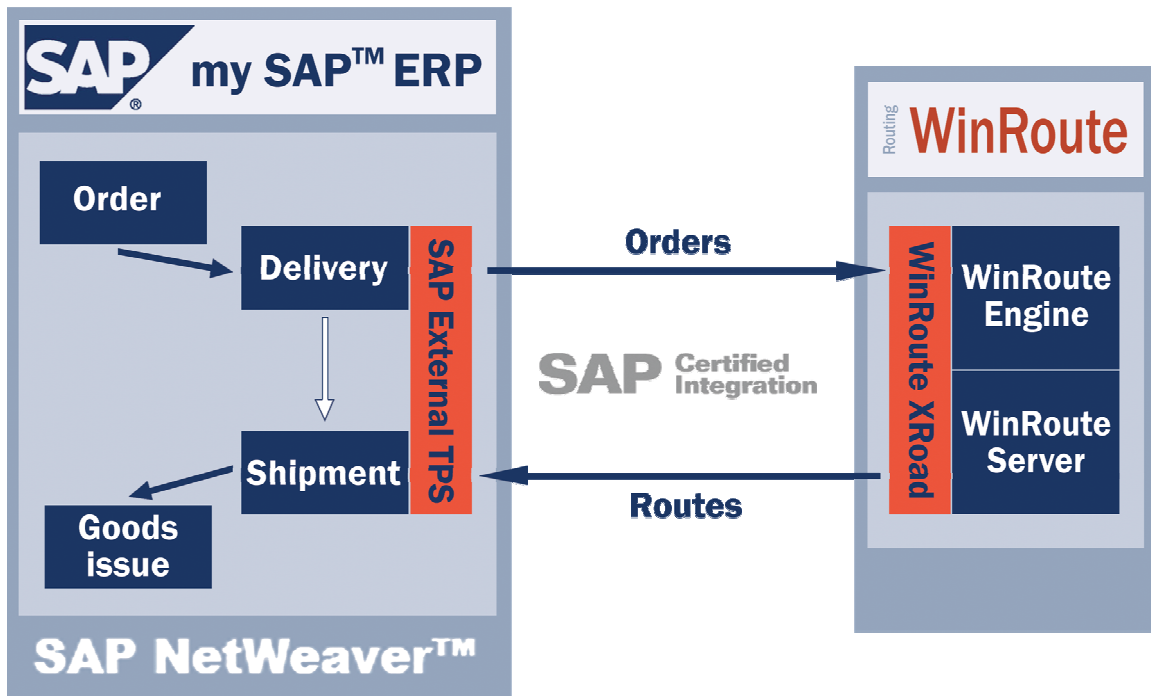
"SAP key objective today is to develop and grow an open ecosystem based on an SAP led industry standard design that provides value to its customer, partners and SAP through collective innovation powered by SAP NetWeaver. I am pleased that Routing International decided to play an active role in this movement", says Tine Vandenbreenen in charge of the ISV certification program within SAP.

Daniel Verougstraete, Routing International CEO, adds "we are pleased to collaborate with SAP to provide customers with solutions that fits even better to their needs and help them face successfully their particular business challenges in the domain of transportation management".

## Use of SAP External Transportation Planning System interface

The use of specialized software components is becoming increasingly important as a way to optimize planning of transportation requirements. The SAP ERP System does not offer automated support for optimizing transportation planning, since the large number of different possible transportation processing procedures and optimization criteria require software that is tailored precisely to this end.

The SD-TPS interface between mySAP™ ERP and WinRoute can be implemented in order to fulfill such need.



The SD-TPS interface supports the transfer of deliveries to be planned from SAP to WinRoute via SAP XI (recommended) or in direct. The WinRoute XRoad component is used to automatically integrate SAP information within Routing International solution. Once in WinRoute, the tool's powerful engine is used to define the optimal routes to be followed by the vehicles. Next to the standard delivery times and capacity constraints, WinRoute also integrates about 100 types of rules in standard that can be activated without any programming to replicate in the tool the specific business constraints each company is facing. The extended speed configuration model (including traffic congestion and urbanization correction factors) is used to calculate the driving time between the different points.

SAP SD-TPS is used to transfer the planned shipments from WinRoute back to SAP.



## WinRoute Solution Browser for SAP Enterprise Portal

WinRoute Solution Browser is the solution developed by Routing International to enable users needing access transport planning related information to get the response to their questions.

With Solution Browser, customer service representatives will find the expected delivery time for a customer, managers will get a report of which vehicle was used where and when, and drivers' team leaders will see and be able to print detailed information about the routes to follow. All of them will find with Solution Browser the transport planning information they were missing.

Thanks to SAP Enterprise Portal, SAP users benefit from the look & feel and advanced features of the portal.

Delivery Order ID:

Plannings		Shipping Points		Shipments				
Name	Start Date	ID	Name	Shipping Point ID	Vehicle Name	Total Distance (km)	Start Time	End Time
08-11-2006	1970-01-01 00:00:00	1	depot 8	1	vehicle 79	5921	07:30	15:08
09-11-2006	1970-01-01 00:00:00	2	depot 9	1	vehicle 101	2198,4	07:15	15:35
10-11-2006	1970-01-01 00:00:00	3	depot 10	1	vehicle 105	6080	07:15	17:27
13-11-2006	1970-01-01 00:00:00	5	depot 11	1	vehicle 106	1193,4	07:15	17:58
14-11-2006	1970-01-01 00:00:00	6	depot 12	1	vehicle 107	5815	07:29	17:49

Row 1 of 14 | Row 1 of 6 | Row 1 of 6

Route Stages							
Nr	Arrival Time	Distance (km)	Action	Process Time	Customer Name	Depot Name	Delivery Order ID
0	06:30	0	At Depot	00:00		depot 8	
1	06:30	4,4	Driving	00:10			
3	06:40	4,4	Delivery	00:42	client 15676	depot 8	00000293525
4	07:23	52,5	Driving	00:53			
6	08:16	52,5	Delivery	00:14	client 433	depot 8	00000293673

Row 1 of 31

Stage Overview	
<b>Shipment</b>	<b>Delivery Order</b>
Shipment ID: <input type="text" value="0"/>	Order ID: <input type="text" value="00000293525"/>
Distance (km): <input type="text" value="4,4"/>	Action: <input type="text" value="Delivery"/>
<b>Action</b>	<b>Customer/Shipping Point</b>
Sequence Number: <input type="text" value="3"/>	Customer Name: <input type="text" value="client 15676"/>
Action: <input type="text" value="Delivery"/>	Shipping Point Name: <input type="text" value="depot 8"/>
Process Time: <input type="text" value="00:42"/>	<b>Address</b>
Arrival Time: <input type="text" value="06:40"/>	Street: <input type="text" value="CHEE DE WATERLOO 71"/>
	City: <input type="text" value="SAINT-GILLES"/>
	Postalcode: <input type="text" value="1060"/>
	Country: <input type="text" value="BEL"/>
	<b>Time Windows</b>