

The company

The fastest, cheapest and greenest way from A to B.

routeRANK provides IT mobility solutions such as travel planning and transport quality analysis. Unlike other solutions that consider only one means of transport at a time, it addresses the entire travel route by integrating rail, road and air connections and their many combinations. In a single search, the patented technology finds and ranks the best possible travel routes, allowing users to sort them according to their priorities such as price, travel time and CO₂ emissions.

Testimonials

"routeRANK is a smart tool. It allows users to make informed and environmentally conscious choices for their trips and itineraries. This system allows for travel planning, that is not only time and cost efficiency, but also benefits the environment."

Klaus Töpfer,

Former Executive Director UNEP
United Nations Environment Program

Awards



Zürich
Klimapreis
Mobility



MIT leading
innovator



Smart Mobility
Awards

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parkRANK

Objective attribution of parking space

routeRANK

Your parking solution

IT solution for companies that have a lack of parking places, parkRANK calculates home to work journey trip options and finds the best multimodal route. This new system allows the retrieval of a list of employees entitled to use a parking space on the basis of accurate data and criteria that the institution set. Further functionality: parkRANK automatically identifies who will benefit from a contribution e.g. a specific seasonal travel card, P+Rail, car sharing or their combinations.

Benefits

This new system:

- Automatically calculates the time of travelling to work by Public Transport (PT), P+Rail, P+Ride, car sharing and private car
- Guarantees data transparency and traceability by ensuring fair treatment
- Boosts productivity during transport data analysis tasks (up to 30 minutes per employee)
- Reduces environmental footprint by helping your employee find the most ecological way of travelling to work
- Improves your brand image as an innovative company that promotes sustainability and green travel

Features

parkRANK calculates the door-to-door home to work journey by considering multimodal as well as multi-criteria aspects:

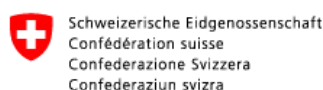
- Time, cost, CO₂ emissions of the home to work journey
- Means of transport: private car, Public Transport, carpooling, car sharing, P+Rail, P+Ride, bike, walk
- Accurate PT database and always up-to-date
- Quality of PT connections: number of changes and frequency of available connections
- The exact position of addresses involved (home, building workplace)
- The exact position of the relevant places (bus stop, train station, parking at the workplace, P+Rail or P+Ride parking, car sharing stations, carpooling transit stations, etc.)
- Integration with your tools and computer systems
- Synchronization with your HR database or "Workflow" system to manage various parking applications
- Identification which commute in particular will benefit from a contribution to an e-bike, P+Rail pass or other

Examples of criteria for the attribution of parking spaces

- Bus stop at 500m or train station at 1000m? (Yes / No)
- Ratio of the exact time needed by public transport plus walking / driving?
- Ratio of costs (or CO₂ and/or other criteria) by public transport / driving?
- Number of changes per hour by public transport? (0 / 1 / more)
- P+Ride and P+Rail on the commute? (Yes / No / Time etc. using P+Rail)
- Options with carpooling or car sharing? (Yes / No / Duration etc.)
- Children to drop during the journey to work? (Yes / No)
- Disabled person? (Yes, parking space right granted / No)



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The Widget

Trip planner for institutions'/event organizers' visitors

A solution for your website

The Widget has been made for all website owners who want to integrate routeRANK functionality into their own website.

Webmasters of institutions/event organizers that attract many visitors in particular, can easily include the Widget on the 'contact us', 'how to find us', 'sustainable travel' and/or event-based pages of their websites.

Benefits

There are benefits for your visitors and for your own institution/events:

- Help your visitors find you/ find your events
- Help your visitors save travel cost*
- Help your visitors save travel time*
- Help your visitors reduce their carbon foot print from travelling to you/your events
- Contribute to your environmentally-friendly image

* In a thesis "How much time, money and CO2 emissions could routeRANK save a typical travel planner?" the Statistical Laboratory of the University of Cambridge finds that a typical user could stand to save around 35% when using routeRANK as well as around 2½ hours in research time'.

Product features

The Widget provides you with a simple and practical tool in multiple languages to direct your visitors to your location. The following aspects of the Widget are customized in accordance with your needs:

- Specific locations at your institution/of your events and shortcut names for them (e.g. 'Forum entrance', 'Workshop' and 'Parking') are created, helping your visitor find the best possible routes to every different location you may have
- The background image of your choice will be integrated
- Schedules and fares of any particular means of transport are added (e.g. special means of transports from airports such as trains and/or shuttles)
- An interface to easily set up unlimited Widget instances with multiple destinations for multiple / frequently changing events is provided. You can preset the dates of your events

Example Widgets EPFL and Paléo Festival

PRESENTATION & INFORMATION EPFL

EPFL at a glance | Facts & figures | Maps & directions | Contacts | Campus life | Living in Switzerland

Share | Print

Maps & directions

ALLEMAGNE

Enter your itinerary and receive the different methods of getting to the Festival! routeRANK's travel search engine helps to find the fastest, cheapest and greenest way by integrating rail, road & air connections!

From:

To:

Date:

Time:

TRAVEL SMART!

Find the fastest, cheapest and greenest way of getting to EPFL.

From:

To:

Date:

Time:

ended version for EPFL community

MAPS

la place

L_global_printable_map (.pdf 1.67 MB)

L_campus_map (.pdf 1.67 MB)

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The Standard Professional version

Travel planning tool for companies and organizations

Optimizing business travel

The Standard Professional version address demand by (typically small and mid-size) companies/organizations that do not work with travel management (TMC) solutions and that would like a simple, cost- and time-efficient solution for their staff's travel planning.

Benefits

- Reduce your company's/organization's travel cost by up to 35%*
- Save your staff's travel time
- Reduce your carbon footprint
- Save up to 2 ½ hours of your staff's planning time per trip and spare them the tedious effort of putting their trip together manually
- Optimize your staff's productivity through the work time criteria
- Contribute to company's/organization's environmentally-friendly image

Product features

The Standard Professional version is ready for use immediately after successful online registration and is easy to administer. Transport options shown as well as their fares are publicly available and can be booked by the user directly with the relevant provider. This version includes features such as:

- Complete national and international travel options, including flight connexions through multiple airports
- Means of transport for national trips include public transport, carpooling, car sharing, P+Rail & P+Ride
- Additional priorities work time (measuring the productivity) and overall ranking (according to your preferred weighting of priorities)
- Sorting by each priority and filtering options by preference
- Video conferencing/telepresence alternatives
- Shortcut locations for office addresses and shortcuts for company cars
- Account management system enabling the company/organization to manage access

* In a thesis "How much time, money and CO₂ emissions could routeRANK save a typical travel planner?" the Statistical Laboratory of the University of Cambridge finds that a typical user could stand to save around 35% when using routeRANK as well as around 2½ hours in research time!

Reisezeiten

Abflug: Mi 9:00 - Mi 13:00
Ankunft: Mi 15:00 - Do 1:00

Von Nach

Datum Zeit

Erw. Suchbeispiel: Bern nach Berlin. Vergleichen & Buchen

Ergebnisfilter

Max. Anzahl an Zwischenstopps: 0 1

Max. Gesamtpreis: CHF 2800

Max. Gesamtreisedauer (jede Richtung): 8h00

Max. Gesamt-CO₂: 820kg

Min. Gesamtproduktivität: 0%

Max. Reisedauer mit dem Auto (jede Richtung): 9h00

Flughafen wählen

Transfer-Auswahl

Pkw-Fahrt anpassen

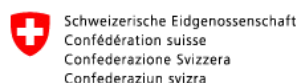
Bahnfahrt anpassen

CFP: 2nd, No Pass

Reiserouten von Bern, Schweiz nach Berlin (Berlin), Deutschland am 11-06-2014 um 08:00

AB	AN	VIA	TRANS	ZEIT	ARBEIT	CO ₂	PREIS	RANK	
12:53	16:52	Bern-Belp (BRN) → Berlin (TXL)	✈️ 🚗 🚆	3h59	63%	163kg	CHF 134.-	1	Buchungsdetails CO₂ ausgleichen
12:41	16:52	Bern-Belp (BRN) → Berlin (TXL)	✈️ 🚗 🚆	4h11	61%	161kg	CHF 135.-	2	Schließen CO₂ ausgleichen
12:41	13:23	Bern → Bern-Belp (BRN)	SBB-CFF-FFS	0h42		<1kg	CHF 5.-		SBB-CFF-FFS
14:10	15:50	Bern-Belp (BRN) → Berlin (TXL)	Sky Work Airlines	1h40		160kg	CHF 126.-		FluegeDE
16:20	16:52	Berlin (TXL) → Berlin Hbf (...)	DeutscheBahn	0h32		<1kg	CHF 5.-		DeutscheBa...
12:53	17:07	Bern-Belp (BRN) → Berlin (TXL)	✈️ 🚗 🚆	4h14	60%	166kg	CHF 133.-	3	Buchungsdetails CO₂ ausgleichen
12:41	17:07	Bern-Belp (BRN) → Berlin (TXL)	✈️ 🚗 🚆	4h26	57%	164kg	CHF 134.-	4	Buchungsdetails CO₂ ausgleichen
10:26	15:05	Zürich (ZRH) → Berlin (TXL)	✈️ 🚗 🚆	4h39	65%	144kg	CHF 842.-	5	Buchungsdetails CO₂ ausgleichen
12:30	17:18	Zürich (ZRH) → Berlin (TXL)	✈️ 🚗 🚆	4h48	63%	144kg	CHF 238.-	6	Buchungsdetails CO₂ ausgleichen

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Total Trip Planning

For institutions with travel management companies

Optimizing business travel

Customized versions of the solution integrate with existing processes and workflows, in particular Travel Management Company (TMC) portals, Online Booking Engines (OBEs) as well as agent desktops using Global Distribution System (GDSs) and are thus used in both Online and Offline processes.

Benefits

For all: travelers, institution as well as agents:

- Complete travel planning solution allowing Total Trip Management (TTM)
- Reduce institution's travel cost by 35%*
- Save staff's travel time and increase staff's productivity through work time criteria
- Save 2½ hours planning time per trip and the tedious effort of planning manually*
- Maintain existing processes and workflows
- Reduce institution's carbon footprint
- Contribute to company's/organization's environmentally-friendly image

Product features

routeRANK integrates relevant data sources and adapts booking links to account for existing channels or preferred partners, including profiles, travel policies and negotiated fares. The individually configured solution is then provided as stand-alone web-based version or integrated with portal and OBE or desktop.

- Complete national and international travel options, including flight connections via multiple departure and arrival airports
- Means of transport for national trips include public transport, carpooling, car sharing, P+Rail & P+Ride
- Additional work time criteria (productivity) and overall ranking (according to desired weighting of the other criteria)
- Sorting according to each criteria as well as various filters and preferences
- Video-conferencing/Tele-presence alternatives
- Preset of office addresses and company cars
- Meeting optimizer, accommodation optimizer and additional optimization modules

* In a thesis "How much time, money and CO₂ emissions could routeRANK save a typical travel planner?" the Statistical Laboratory of the University of Cambridge finds that a typical user could stand to save around 35% when using routeRANK as well as around 2½ hours in research time*.

From To
 Date Time
 Adults Example search: Bern to Berlin.

Search from Berne (Bern), Switzerland to Berlin (Berlin), Germany on 22-05-2013 at 15:00

DEP	ARR	VIA	MEANS	TIME	WORK	CO ₂	PRICE	RANK	
15:00	15:20		Video-conference	0h20	100%	1kg	EUR 150,00	1	<input type="button" value="Booking details"/> <input type="button" value="Offset CO<sub>2</sub>"/>
16:36	21:50	Basel (BSL) → Berlin (SXF)	✈️	5h14	53.8%	149kg	EUR 115,85	2	<input type="button" value="Booking details"/> <input type="button" value="Offset CO<sub>2</sub>"/>
16:04	21:37	Geneva (GVA) → Berlin (SXF)	✈️	5h33	62.7%	186kg	EUR 131,33	3	<input type="button" value="Booking details"/> <input type="button" value="Offset CO<sub>2</sub>"/>
15:04	23:25	All by train	🚆	8h21	91.7%	42kg	EUR 169,38	4	<input type="button" value="Booking details"/> <input type="button" value="Offset CO<sub>2</sub>"/>
16:04	0:31+	All by train	🚆	8h35	91.7%	42kg	EUR 169,38	5	<input type="button" value="Booking details"/> <input type="button" value="Offset CO<sub>2</sub>"/>
18:04	23:18	Geneva (GVA) → Berlin (TXL)	✈️	5h14	65.6%	186kg	EUR 167,92	6	<input type="button" value="Booking details"/> <input type="button" value="Offset CO<sub>2</sub>"/>

References

