

Paradox Routing Tool (PART)

Vehicle routing and scheduling simplified

With the mission to provide customers with contemporary Logistics and Supply Chain Management software solutions that add a multiple of measurable value over the cost, Paradox Software Consulting offers a revolutionary approach to logistics software. Paradox' offering includes a tool kit available in the traditional licensing model as well as in the On-Demand or Software-As-A-Service (SaaS) model.

PART is a pay-as-you-go network design and routing and scheduling tool that enables businesses realize immediate savings from day one at a fraction of the cost.

Operating costs are reduced by 5 to 15%. Risks are eliminated and start up requirements are minimal. PART affords small fleet operators the same tools as those used by the large operators and provides an immediate and significant return on investment.

— Though standard licensing is available, with Paradox's SaaS option, transportation cost savings can be realized from day one. There is no long-term payout or huge up-front cost. All you need to get started is a computer and an Internet connection. You can access the application and data on your "Digital Desktop" in real-time anytime, anywhere, from any computer. All your business data is secure on redundant servers — daily backups, virus and intruder protection.

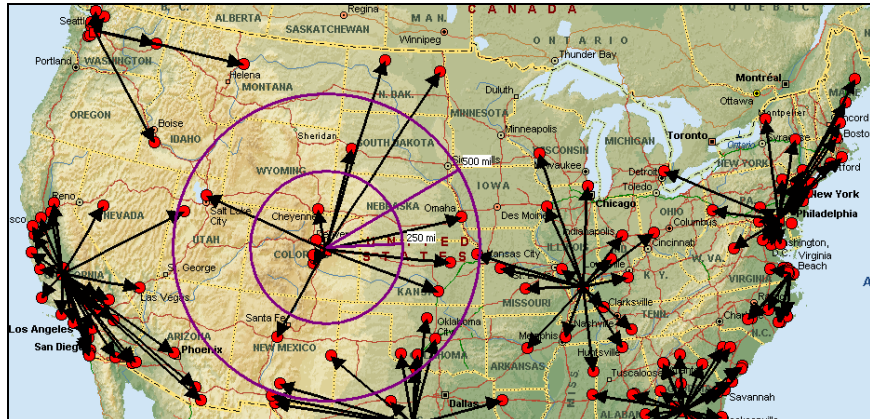


Key Features

- ◆ Distribution network design facilitated through center of gravity modeling that can determine the number and locations of distribution facilities based on the distribution of supply and demand and various other parameters.
- ◆ Private fleet and multi-stop truckload routing handle constraints including DOT hours of service regulations, planning horizons of days or weeks, multiple customer time windows, zone routing requirements, and several other restrictions.
- ◆ Driver and Vehicle scheduling generate optimal schedules to minimize the number of resources required and maximize utilization of transportation resources.
- ◆ Capable of benchmarking an existing routing and scheduling scenario. Existing routes and schedules can be imported 'as is,' and calculated to produce the benchmark solution.
- ◆ Mapping functionality is provided through interfaces with Microsoft MapPoint, and PC*Miler. Multiple options are available for Distance and time calculations including proprietary engine, MapPoint, and PC*Miler.
- ◆ Can accommodate any flat file import and export requirements to facilitate interfacing with client's systems.
- ◆ User interface designed for ease-of-use and short learning curve. Presentation tools include reports, maps, and Gantt charts.
- ◆ Quick and easy implementation. Understanding of and working with PART requires very little training. Model setup takes only few minutes.

Business Benefits

- ◆ Increase asset utilization
 - Reduce the number of routes, resources, and total spending
- ◆ Increase on-time delivery with better scheduling
 - Reduce detention charges
- ◆ Quick Return on Investment
 - Operating costs reduced by 5 to 15%, risks eliminated, and start-up requirements minimized
- ◆ Plan faster
 - Respond quicker to bid proposals
 - Free planners for more value-added activities
 - Planners start using the tool after only 1.5 days of training
- ◆ No upfront investment
 - Pay-as-you-go usage of the software
- ◆ Affordable software for ALL
 - Small fleet operators can now streamline their operations using the same tools typically used by large fleet operators



Depot(s): All		General				
Number of Depots	4	Number of Vehicles	100			
Number of Routed Orders	1403	Number of Drivers	100			
Number of Unrouted Orders	0	Number of Routes	296			
Routed Distance	71383.79	Number of Stops	1403			
Times & Costs		Loads				
	Times	Costs	Delivery	Pickup	Utilization	
Driving	1404.02	42830.26	Unit1	348988.00	0.00	94.32%
Waiting	22.28	0.00	Unit2	0.00	0.00	0.00%
Service	1666.09	0.00	Unit3	0.00	0.00	0.00%
Lay Over	370.00	2050.00	Unit4	0.00	0.00	0.00%
Route	3465.39	44880.25				

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