

## License Prices for the JOpt Product Family 1<sup>st</sup> January 2010

DNA Evolutions GmbH offers software components for further integration into other software programmes such as ERP systems, CRM software, dispatch systems, field service management systems and many other applications. The idea is to use JOpt components to enhance such systems with planning and optimization capabilities. The JOpt product family comprises different components each suitable for the specific requirements of the final ready-to-run product compiled by the customer. Depending on the desired operation purpose particular JOpt product licenses are available for

- desktop programmes
- server applications
- internet portals
- programmes using JOpt as a web service

All software licenses in this price list will allow for using the software only in compliance with license and user agreements attached to this price list. By installing DNA Evolutions software or using the services provided by DNA Evolutions the applicable license terms, user agreements and general conditions are accepted. The software license will come with a license key depending on a hardware platform identifier on which the software is installed (e.g. the LAN card MacAddress). The prices given in this price list do not include any VAT.

### Software Licenses

JOpt.SDK and JOpt.NET are DNA Evolutions's most common software licenses for solving a variety of optimization problems. They are used as components and will have to be integrated into greater software programmes. JOpt.SDK and JOpt.NET components provide optimization functionality as part of an end product e.g. for transportation problems, field force planning, and similar applications. JOpt.SDK will be integrated into a Java end product by its powerful API. JOpt.NET has the same functionality but is designed for integration into .NET programmes. As seat licenses JOpt.SDK and JOpt.NET are used if the end product which is installed on single machines. If the end product is a server application for one company the JOpt Enterprise version is a good alternative to single seat licenses.

If customers want to design web solutions JOpt.ASP and JOpt.J2EE components are licenses which support web compatible applications.

For customers who prefer to integrate optimization functionality into their application as a web service the JOpt.AAS web service is offered where the optimization runs are ex-

ecuted on servers running at DNA Evolutions. The JOpt.AAS web service can be considered as an alternative to the firmly integrated JOpt licenses above.

## JOpt.SDK and JOpt.NET

Runtime license **per seat** as Java or .NET components:

Product	runtime licenses per installation			
	1-20 resources	21-50 resources	51-100 resources	> 100 resources
<b>JOpt.SDK (for Java Developers)</b>	2.000 €	5.000 €	7.500 €	10.000 €
<b>JOpt.NET- (for .Net Developers)</b>	2.000 €	5.000 €	7.500 €	10.000 €

Runtime licenses **as a company or server** installation (unlimited number of seats belonging to **one** company) as Java or .NET components:

Product	runtime licenses per company installation unlimited number of machines, unlimited resources
<b>JOpt.SDK Enterprise</b>	20,000 €
<b>JOpt.NET Enterprise</b>	20,000 €

The seat versions (JOpt.SDK/JOpt.NET) will be sufficient where the end user software programme in which the JOpt component is integrated is used as one-seat application on one machine, e.g. typical desktop solutions for single user operation. If the end user application is operated as a server installation providing the application for a set of users within one company or if many independent one seat solutions are necessary for one company the enterprise version is offered as cost effective alternative to a set of one seat licenses.

DNA Evolutions grants licenses for the JOpt.SDK/JOpt.NET optimization library depending on the number of resources (i. e. vehicles, technicians or similar) which are subject to the software, e.g.:

- 1 installation for up to 50 resources will require a license for 1 x 5.000 € if JOpt.SDK/JOpt.NET is used.
- 3 independent installations for up to 15 resources each will require 3 x 2.000 € = 6.000 € for JOpt.SDK/JOpt.NET. Each license will be limited to handle a maximum of 20 resources.
- a company wide installation (one company, several users, several machines) will either require Jopt.Enterprise, or a sufficient number of seat specific licenses of JOpt.SDK/JOpt.NET (one license for each seat).

JOpt.SDK/JOpt.NET will be licensed to each machine the software is used on. The software will read the LAN card MacAddress of the machine and compares it to the license key which holds the MacAddress to which it was originally licensed. In case of the Enterprise version the MacAddress of each machine on which the Enterprise version is installed will be checked.

### **Licenses for Hosted ASP.NET or J2EE Applications**

Customers or resellers who want to offer a web based application using JOpt software in web (internet) or intranet applications require the JOpt.ASP or JOpt.J2EE software license depending on the preferred technology stack. The application server license is restricted to one application/product that is offered by the service provider. This license is suitable when the service will be hosted by the service provider.

<b>Product</b>	<b>runtime licenses per service provider application unlimited users, unlimited resources</b>
<b>JOpt.J2EE</b>	20,000 €
<b>JOpt.ASP</b>	20,000 €

### **JOpt Web Service Hosted by DNA (JOpt.AAS)**

In case that the internet service should be operated by DNA the product JOpt.AAS is offered. Customers may call optimization functions over the web and will receive the results as service responses from the DNA Evolutions web service JOpt.AAS.

The JOpt.AAS web service functionality is similar to JOpt.SDK and works with a similar API over the web, but it is not supporting all the functions offered by the SDK. In particular the set of functions does not support time and distance matrices and will not solve optimization problems considering skills and capacity constraints. The JOpt.AAS extended web service which is currently in preparation will also comprise these features.

<b>Product</b>	<b>once</b>	<b>per month and resource</b>	
	<b>installa- tion</b>	<b>Standard Service</b> (optimization without time/distance matrices, no skills, no capacity constraints)	<b>Extended Service</b> (full functionality, in preparation)
<b>JOpt.AAS (on request only), prepaid service</b>	375 €	4.50 €	8,00 €

JOpt.AAS is charged as a permanent service, available at a fee of 4.50 € per vehicle/technician booked for each month on this service. DNA Evolutions may offer this service de-

pending on a minimum number of resources (typical: minimum of 20 resources). The service is available by a prepaid service charge of one year, only.

The customer has to define the maximum number of resources (typically vehicles or technicians) planned for the optimization runs as the account is limited to the usage of this number of resources. The resources themselves are not subject of any identification and can thus be determined by the user from run to run but their sum must be less than or equal to the maximum number.

Please note the special Usage Agreements and General Conditions for JOpt.AAS below.

## Trial Licenses

Customers may want to check the capabilities of JOpt before integrating it into their applications. DNA Evolutions offers a simple evaluation software which is restricted to small problems but is free of any license fees. This free version is limited to the sum of 12 resources and nodes. Those customers who want to try an unrestricted version may choose the official trial version JOpt.SDK.TV. This software is identical to the unlimited version of JOpt.SDK but expires after 6 weeks and comes with an e-mail support for setting up a first installation with JOpt.SDK (reference implementation).

Product	
<b>JOpt.SDK.TV - Java</b>	595 € (unlimited resources, 6 weeks duration, includes reference installation and e-mail support for your 1 <sup>st</sup> setup)
<b>JOpt. SDK.TV - .Net</b>	595 € (unlimited resources, 6 weeks duration, includes reference installation and e-mail support for your 1 <sup>st</sup> setup)
<b>JOpt.SDK.FV - Java</b>	free (restricted to 12 resources+nodes)
<b>JOpt. SDK.FV - .Net</b>	free (restricted to 12 resources+nodes)

## Licenses for Development and Demonstration

Trial version and free version as well as JOpt.SDK are suitable software licenses for demonstration and development purposes. A development and demo package is only offered to official resellers/partners of DNA Evolutions products.

Product	Reseller's equipment
<b>JOpt.Developer - Java</b>	4,000 € (one installation/one machine, unlimited resources)
<b>JOpt. Developer - .Net</b>	4,000 € (one installation/one machine, unlimited resources)
<b>JOpt.Demo - Java</b>	4,000 € (one installation/one machine, up to 50 resources)
<b>JOpt. Demo - .Net</b>	4,000 € (one installation/one machine, up to 50 resources)
<b>JOpt.ResellerKit - Java</b>	5,500 € (package of 1 developer + 1 demo license)
<b>JOpt. ResellerKit - .Net</b>	5,500 € (package of 1 developer + 1 demo license)
<b>JOpt.ResellerKit-Enterprise - Java</b>	8,000 € (package of developer + demo license, each unlimited number of installations at reseller's company)
<b>JOpt. ResellerKit-Enterprise - .Net</b>	8,000 € (package of developer + demo license, each unlimited number of installations at reseller's company)

The developer license will enable software developers to build up applications of unlimited numbers of resources. It is identical to the JOpt.SDK version for more than 100 resources. The demo license is intended for sales persons who want to show their end customers how their applications including JOpt software is generally working. In demonstrations the problem size is normally small so that a license for up to 50 resources seems reasonable.

The reseller's kit is a bundle of the two licenses and a good choice for any reseller. Bigger reseller companies may want to equip their entire developer and sales teams with JOpt software. For these companies the reseller's Enterprise Kit is offered.

## **Business Enhancement Kits**

Business enhancement kits (formerly available as separate software licenses) are meanwhile included in JOpt.Enterprise, JOpt.SDK, JOpt.J2EE or ASP.NET and do not require their own licensing or license fees. As they are part of the main licenses they are hence restricted to the same limitations as the main license.

## **Resellers**

JOpt optimization functions are frequently incorporated into a greater software frame or application. Such integrations are usually done by Value Adding Resellers (VAR) who will afterwards resell such products with DNA's software integrated in their packages. In case of reselling DNA software licenses, the reseller is responsible that the end user accepts the license agreements attached to this price list and for providing all necessary data of the end user so that a new user license for the end user can be issued by DNA.

DNA Evolutions will charge the reseller for a developer license and provide the appropriate licenses for further delivery to the end user (runtime licenses). All data necessary for the new license are end user names, number of installations/machines, LAN card MAC addresses and number of resources for each installation. Resellers who want to resell DNA software licenses will purchase end user licenses at special conditions.

The process of establishing a mutual partnership is

- setting up a reference implementation using JOpt.SDK with the partner's application.
- mutual linking as partners on the web sites.
- coordination of sales activities

Please contact DNA if you want to become a reseller and partner.

## **License Agreement for Software Products**

### **1. Scope**

All licensed deliveries of the DNA products are subject to this agreement and are protected by national and international agreements for copyrights. None of the deliveries may be copied, transferred or distributed in electronic or any other way.

### **2. Terms**

The term *software* determines all programmes, applets, data bases, operation systems, files or similar electronic data provided on a data storage or downloaded over the web, by e-mail or any other electronic way.

### **3. License**

The software is licensed to the licensee as end-user license but it is not sold. DNA holds all rights on the software if it was not explicitly transferred to the licensee. The licensee shall not make any copies of the software or of parts of the software, rent, loan, sell, or in other way distribute unless for one single copy for back-up purposes.

### **4. Scope of the license**

DNA grants the licensee a non-exclusive, non-transferable right to install and use a copy of the software on a single computer. The software may not be used on the internet or for multiple users except if explicitly granted by DNA. The license is granted for an undetermined period of time. The licensee may terminate this agreement by destroying all copies of the programs. DNA has the right to terminate the right to use the programs if the licensee fails to comply with any of the terms of this agreement, in which case the licensee shall destroy all copies of the programs.

### **5. Limitations**

The software may only be operated in the way described in the user manual. The licensee may not modify, change, extend, translate, decompile or reverse-engineer the software or parts of it. It is not allowed to make any copies of the software unless as granted in this agreement. It is explicitly not permitted to expose the JOpt functionality as API, SOAP, web service or any other method over the internet.

### **6. Disclosure**

The licensee is obliged to prevent the software or any benchmark results from disclosure.

### **7. Disclaimer of Warranty**

The software is provided 'as is' without warranty of any kind. We further disclaim all warranties, express and implied, including without limitation, any implied warranties of merchantability, fitness for a particular purpose or non-infringement. In no event shall DNA be liable for any indirect, incidental, special, punitive or consequential damages, or damages for loss of profits, revenue, data or data use, incurred by you or any party, whether in an action in contract or tort, even if DNA has been advised of the possibilities of such damages. Our entire liability for damages hereunder shall in no event exceed one hundred Euros.

### **8. Property Rights**

The software is protected by international copyright agreements. The licensee accepts that no intellectual property rights are transferred by this software and that all rights remain explicitly at DNA.

### **9. Governing Law**

The validity, interpretation and performance of this agreement shall be governed by the laws of Germany. Place of jurisdiction shall be Germany.

### **10. Severability Clause**

The licensee agrees that this agreement is the complete agreement for the programs and licenses, and this agreement supersedes all prior or contemporaneous agreements or representations. If any provision in this Agreement is held invalid or unenforceable by a body of competent jurisdiction, such provision will be construed, limited or, if necessary, severed to the extent necessary to eliminate such invalidity or unenforceability. The parties agree to negotiate in good faith a valid, enforceable substitute provision that most nearly effects the parties original intent in entering into this Agreement or to provide an equitable adjustment in the event no such provision can be added. The other provisions of this Agreement will remain in full force and effect.

## **Usage Agreements and General Conditions for JOpt.AAS**

### **1. Scope**

DNA Evolutions GmbH (DNA) offers web services for contractual partners (Users) only based on this user agreements and general terms and conditions. Other user agreements, general terms or general conditions are not applied even if DNA does not explicitly deny.

### **2. Scope of Services, Limitations**

DNA provides web services based on the API as described by the User Document "JOpt.AAS API and Service Definition". DNA grants the User the non-exclusive, non-transferable right to call the JOpt.AAS web service and to process the web service's result to web service calls.

The User may only operate the web service in the way described in the User Document. The web service is not an autonomous or independently running application. It must be integrated into a third application by the User which must further process the results of the web service calls in an application specific way. DNA grants the permission to include JOpt.AAS into any end user application developed and published by the User.

It is explicitly not permitted to expose the JOpt functionality as API, SOAP, web service or any other method over the internet or to offer a web service identical or similar to the web service of JOpt.AAS. In particular, it is not allowed to relay the web service access and responses via internet or intranet to further users or third parties.

The User may not modify, change, extend, translate, decompile, reveal or reverse-engineer the web service, its API, or parts of it.

### **3. Service Limitations**

The Web Service of DNA make use of internal and external computer service providers and the internet for accepting, processing and responding to service requests and web service calls. Th User is aware that computers, computer service providers and the internet may be subject to deficiencies and interferences resulting in late responses or reduced availabilities. All users and contractual partners are herewith explicitly indicated to such eventualities which may occur at any time with any duration. Such interferences do not justify any claims for damages or warranty.

DNA has the right to install updates and to change the API of the web service at any time.

### **4. User obligations**

The user is obliged to use the web service in a contractual and legal way. In case of change of the User's name, legal form, or address the User is obliged to inform DNA without any delay.

### **5. Interruption of Service**

DNA may interrupt the web service if a significant infringement of the contractual usage of the web service is noticed, in particular if the web service is used in a non-contractual or in any illegal way. Temporary interruptions may occur if DNA resolves interferences or is processing software, hardware or service updates.

### **6. Disclosure**

The licensee is obliged to prevent the software or any benchmark results from disclosure.

### **7. Disclaimer of Warranty**

The web service and its results are provided ,as is' without warranty of any kind. We further disclaim all warranties, express and implied, including without limitation, any implied warranties of merchantability, fitness for a particular purpose or non-infringement. In no event shall DNA be liable for any indirect, incidental, special, punitive or consequential damages, or damages for loss of profits, revenue, data or data use, incurred by you or any party, whether in an action in contract or tort, even if DNA has been advised of the possibilities of such damages. Our entire liability for damages hereunder shall in no event exceed one hundred Euros.

### **8. Governing Law**

The validity, interpretation and performance of this agreement shall be governed by the laws of Germany. Place of jurisdiction shall be Germany.

### **9. Severability Clause**

The User agrees that this agreement is the complete agreement for the web service, and this agreement supersedes all prior or contemporaneous agreements or representations. If any provision in this Agreement is held invalid or unenforceable by a body of competent jurisdiction, such provision will be construed, limited or, if necessary, severed to the extent necessary to eliminate such invalidity or unenforceability. The parties agree to negotiate in good faith a valid, enforceable substitute provision that most nearly effects the parties original intent in entering into this Agreement or to

provide an equitable adjustment in the event no such provision can be added. The other provisions of this Agreement will remain in full force and effect.

### **License Agreement for the Demonstration Purposes or Demonstration Versions**

'We', 'us', and 'our' refers to DNA. 'You' and 'your' refers to the individual or entity that wishes to use the programs from DNA. 'Programs' refers to the software product, web service or component you wish to download and use and program documentation. 'license' refers to your right to use the programs under the terms of this agreement.

DNA may provide special versions of the software products for demonstration purposes. These version are usually degraded in functionality and are provided only for demonstration of the functionality. We are willing to license the programs to you only upon the condition that you accept all of the terms contained in this agreement. If you are not willing to be bound by these terms, return all deliveries back to DNA and/or destroy any copies of the software and program documentation immediately and do not make any use of the programs. By installing the software you automatically confirm your acceptance to this license agreement.

#### **license Rights**

We grant you a non-exclusive, non-transferable limited license to use the program for your internal business operations, including the development and testing of applications, subject to the terms of this agreement and the program documentation. You may also distribute the program with your applications to your customers for demonstration purposes and subject to the terms of this agreement. We grant you a non-exclusive, non-transferable limited license to use the components only for the purpose of developing a single prototype of your application for your internal business operations, and not for any other purpose. If you want to use the application you develop using the components for any internal data processing or for any commercial or production purposes you must contact us, or an DNA reseller, to obtain the appropriate license. If you want to use the program or components for any purpose other than as expressly permitted under this agreement you must contact us, or an DNA reseller, to obtain the appropriate license. We may audit your use of the programs.

#### **Ownership and Restrictions**

We retain all ownership and intellectual property rights in the programs. You may make a sufficient number of copies of the programs for the licensed use and one copy of the programs for backup purposes.

You may not:

- use the programs for any purpose other than as provided above;
- distribute the programs unless accompanied with your applications and for demonstration purposes only;
- charge your end users for use of the programs;
- continue to develop your application using the components after you have used it for any internal data processing, commercial or production purpose without securing an appropriate license from us, or an DNA reseller;
- remove or modify any program markings or any notice of our proprietary rights;
- use the programs to provide third party training on the content and/or functionality of the programs, except for training your licensed users;
- assign this agreement or give the programs, program access or an interest in the programs to any individual or entity except as provided under this agreement;
- cause or permit reverse engineering disassembly or decompilation of the programs;
- disclose results of any program benchmark tests without our prior consent; or,
- use any DNA name, trademark or logo without our prior consent.

#### **Program Distribution**

We grant you a non-exclusive, non-transferable right to copy and distribute the programs to your end users provided that it is for demonstration purposes only and you do not charge your end users for use of the programs and provided your end users may only use the programs to run your applications for their business operations. Prior to distributing the programs you shall require your end users to execute an agreement binding them to terms consistent with those contained in this section and the sections of this agreement entitled 'license Rights', 'Ownership and Restrictions', 'Disclaimer of Warranties and Exclusive Remedies', 'No Technical Support', 'End of Agreement', 'Relationship Between the Parties'. You must also include a provision stating that your end users shall have no right to distribute the programs, and a provision specifying us as a third party beneficiary of the agreement. You are responsible for obtaining these agreements with your end users.

You agree to: (a) defend and indemnify us against all claims and damages caused by your distribution of the programs in breach of this agreements and/or failure to include the required contractual provisions in your end user agreement as stated above; (b) keep executed end user agreements and records of end user information including name, address, date of distribution and identity of programs distributed; (c) allow us to inspect your end user agreements and records upon request; and, (d) enforce the terms of your end user agreements so as to effect a timely cure of any end user breach, and to notify us of any breach of the terms.

#### **Disclaimer of Warranty and Exclusive Remedies**

THE PROGRAMS ARE PROVIDED 'AS IS' WITHOUT WARRANTY OF ANY KIND. WE FURTHER DISCLAIM ALL WARRANTIES, EXPRESS AND IMPLIED, INCLUDING WITHOUT LIMITATION, ANY IMPLIED WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE OR NONINFRINGEMENT.

IN NO EVENT SHALL WE BE LIABLE FOR ANY INDIRECT, INCIDENTAL, SPECIAL, PUNITIVE OR CONSEQUENTIAL DAMAGES, OR DAMAGES FOR LOSS OF PROFITS, REVENUE, DATA OR DATA USE, INCURRED BY YOU OR ANY THIRD PARTY, WHETHER IN AN ACTION IN CONTRACT OR TORT, EVEN IF WE HAVE BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES. OUR ENTIRE LIABILITY FOR DAMAGES HEREUNDER SHALL IN NO EVENT EXCEED ONE HUNDRED (100) EUROS.

#### **End of Agreement**

You may terminate this agreement by destroying all copies of the programs. We have the right to terminate your right to use the programs if you fail to comply with any of the terms of this agreement, in which case you shall destroy all copies of the programs.

#### **No Technical Support**

Our technical support organization will not provide technical support, phone support, or updates to you for the programs licensed under this agreement unless technical support is acquired under a separate agreement with DNA.

#### **Relationship Between the Parties**

The relationship between you and us is that of licensee/licensor. Neither party will represent that it has any authority to assume or create any obligation, express or implied, on behalf of the other party, nor to represent the other party as agent, employee, franchisee, or in any other capacity. Nothing in this agreement shall be construed to limit either party's right to independently develop or distribute software that is functionally similar to the other party's products, so long as proprietary information of the other party is not included in such software.

#### **Entire Agreement**

You agree that this agreement is the complete agreement for the programs and licenses, and this agreement supersedes all prior or contemporaneous agreements or representations. If any term of this agreement is found to be invalid or unenforceable, the remaining provisions will remain effective.