

1 **Transportation Management System LFS.tms**

2 **by Ehrhardt + Partner**

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4 **E+P has extended the functions of the product line LFS.tms for**
5 **transportation management solutions: The two new modules**
6 **Online Tour Processing and Tour Planning supplement the existing**
7 **TMS functions of the warehouse management system. This**
8 **includes, for instance, freight cost and load space calculation,**
9 **shipment tracing (Log Trace), transit management, shipping**
10 **handling unit pre-calculation and yard management. With the**
11 **extension of the product line LFS.tms, the warehouse management**
12 **system becomes an overall solution for managing the logistic**
13 **processes in the warehouse and on the road. While third-party**
14 **systems require an interface connection, LFS offers all functions**
15 **for the management of all logistic processes in an integrated form**
16 **and with an intelligent connection.**

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18 An overall solution instead of an expensive isolated solution: Today,
19 many companies look for software that can manage all logistic
20 processes – on the road and in the warehouse. Using the existing load
21 space calculation module, the users could already calculate the optimal
22 utilization of the truck load space. With the Yard Management module,
23 the deployment of the vehicle fleet can now be planned efficiently and
24 economically. The Yard Management module allows monitoring and
25 coordinating the outdoor areas of a warehouse and the function for
26 calculating the freight costs allows a simple cost control. The two new
27 modules for online tour processing and tour planning supplement these
28 proven functions and turn the product line LFS.tms into an even more
29 efficient solution for the road. Thanks to the intelligent connection with
30 the warehouse management solutions LFS.wms², the warehouse
31 management system as the overall solution allows controlling the
32 internal and external logistic processes. Interfaces to third-party systems
33 are not required. LFS already contains all functions required for

34 monitoring and optimizing the processes in detail without interfaces to
35 third-party systems.

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37 **Efficient tour planning**

38 With the new tour planning module of the LFS.tms product line, single
39 orders can be assigned to suitable vehicles. In addition, the maximum
40 load capacity and the ideal route can be calculated for every truck.

41 Thanks to the permanent communication with the LFS.wms² solutions
42 for intralogistics, the shortest routes for the items are already calculated
43 when the orders are imported from the host system. Another advantage
44 of the intelligent connection of the dispatching module to the warehouse
45 management solutions is the automated assignment of orders and tours.
46 As the system are connected, E+P can significantly accelerate and
47 optimize the dispatching processes.

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49 **Paperless and real-time processes**

50 With the module for online tour processing, which is also connected to
51 LFS, the paper-based processing of orders and deliveries can be
52 omitted. This saves time and personnel costs. The software module is
53 producer-independent and can be used with all handheld computers.
54 The data are available in real-time and in transparent form. The drivers,
55 the warehouse employees and the customers receive information while
56 the tour is being processed.

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58 **Status: February 25th 2014**

59 **Volume: 3.193 characters including spaces**

60 **Photos: Intelligent connection of LFS.wms² and LFS.tms**

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64 **Ehrhardt + Partner**

65 The Ehrhardt + Partner Group is one of the leading experts in warehouse logistics at an
66 international level. Founded in 1987, Ehrhardt + Partner has developed into an
67 internationally active group of companies with more than 250 employees at six locations.
68 Company solutions are currently being successfully employed on five continents.
69 Together with the subsidiaries, Ehrhardt + Partner offers integrated total solutions for
70 warehouse logistics from one source. Conceived for a professional use in practice, all
71 products are subject to ongoing development to keep them at the highest standard. This
72 is why the products distinguish themselves with a very high level of quality offering the
73 customer security for the future and their investments. The product range of
74 Ehrhardt + Partner incorporates the LFS warehouse management system, warehouse
75 planning and consulting, Pick-by-Voice and wireless data solutions, material flow
76 computers, hosting and managed services, individual customer-specific solutions and
77 warehouse seminars. Throughout the world, customers of Ehrhardt + Partner value the
78 sound warehouse-related advice, the extensive expert knowledge in warehouse logistics,
79 the professional project management, short project run-times, on-time commissioning
80 and reliable support. There are currently more than 700 successfully implemented
81 warehouse sites of all industries on the group's list of references.
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