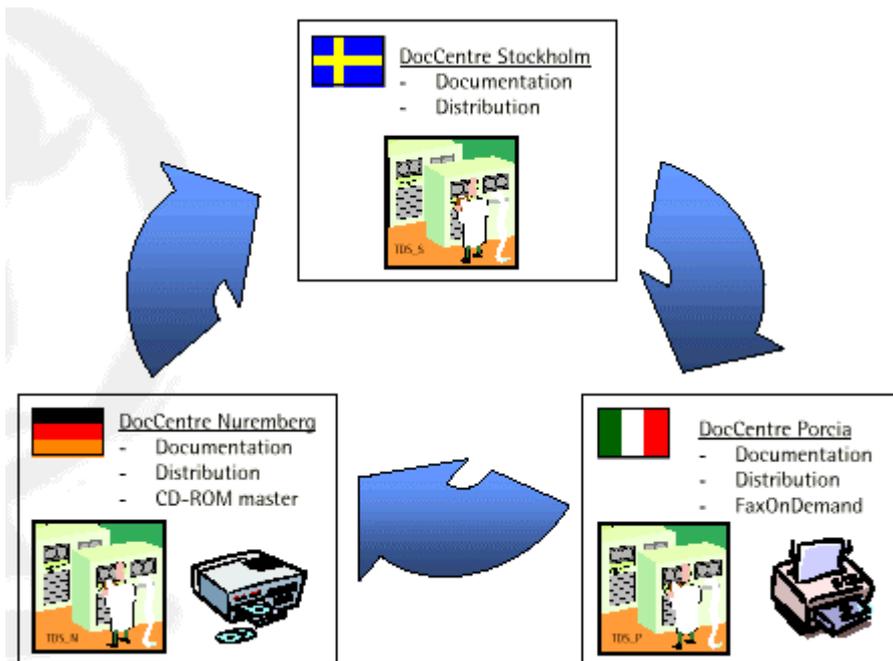


TDS_WEB_HELP

TDS_WEB_HELP	1
What is TDS (Technical Documentation System)	3
Access and Addresses	3
Registration as User	4
Registration	4
Fill out Registration Fields	5
Product Search, Search Keys	5
Product Search by PNC	6
Product Search by Models	6
Product Search by Publication Numbers	7
Multiple Search	8
The Spare Parts list	9
Explanation of Symbols in the 'Spare Parts List' mask'	9
Functions of the Acrobat Reader:	9
Display of Parts List	10
Display of Sections (pages)	10
Printout in Internet Explorer (IE)	10
Download	10
Saving of PFD File	12
Sending by e-mail	13
Attach PDF File	13
Look over the Circuit Diagram	14
Service Bulletins and Service Manuals	15
Spare Parts Search	16
Problem Report	17
Problem List	17
Markets	18
Availability of TDS	18
Network Costs	18
Future of TDS	18

What is TDS (Technical Documentation System)



Three SQL servers operate approximately 70 tables including approximately 133000 product numbers (PNCs) with 139000 pictures, 50000 diagrams and 2590 Service Manuals (SM) resp. Service Bulletins (SB).

System Requirements

Pentium >100 MHz, if possible 128kB RAM,
Microsoft Internet Explorer 4, Acrobat Reader 3 or better 4.

Access and Addresses

TDS is accessible via the Electrolux Intranet
TDS is protected by a Firewall against unauthorized access.

All IP addresses unknown to the Firewall will be rejected.
An access with a proxy server (used by the internet) is not possible. Please check the configuration of your browser.

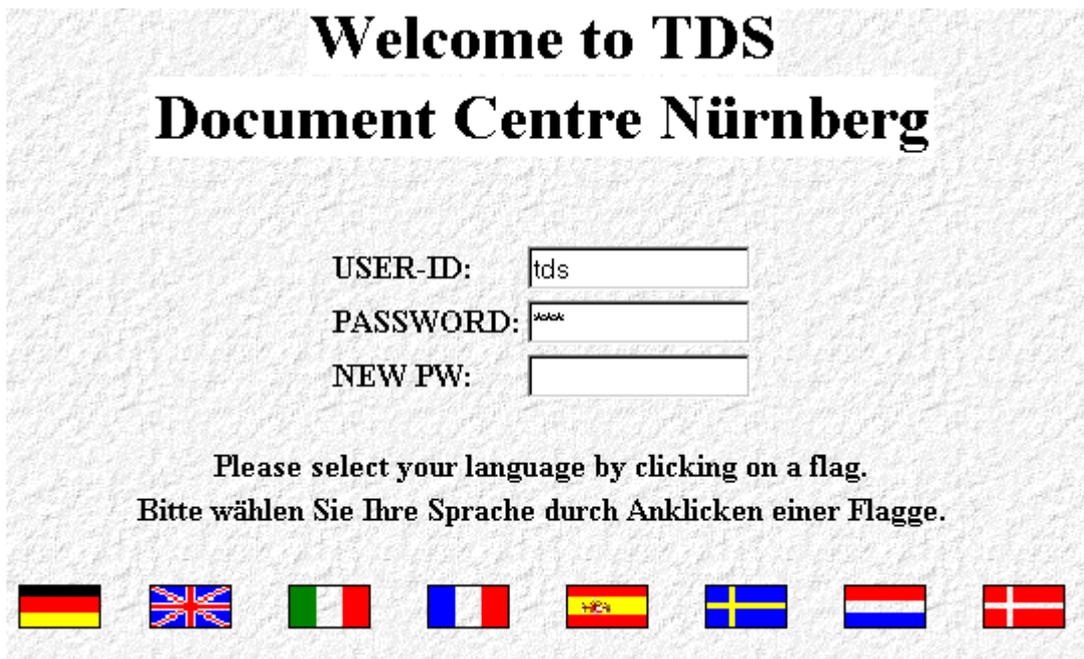
Country	Server Location Database	TDS Homepage	Data	Last Update
	Stockholm TDS Replica	Http://193.183.86.38/tds/asp/tds.asp	IT, FR, DE, BE, CH, UK-Tess, SE, F-Line Siegen	Uptodate
	Nürnberg TDS Produktion	Http://194.246.10.19/tds/asp/tds.asp	IT, FR, DE, BE, CH, UK-Tess, SE, F-Line Siegen	Uptodate
	Pordenone TDS Produktion	Http://194.12.17.33/asp/tds.asp	IT, FR, DE, BE, CH, UK-Tess, SE, F-Line Siegen	Uptodate

The TDS databases Pordenone, Nürnberg and Stockholm are updated every 10 min. That makes changes or new products visible on all servers after 10 minutes at the latest (Porcia, Nürnberg and Stockholm). *Note:* The data integration makes it possible that there are several documentations in the system for one appliance. These can be identified by a letter in the production date: P=Porcia/Italia, S=Stockholm/Sweden, F=France, U=UK, D=DES/Siegen.

Registration as User

The access to TDS can be made with the first activation using the guest user ID 'TDS' and guest password 'TDS'.

Open the mask by clicking on the specific national flag (of your national language).



Welcome to TDS
Document Centre Nürnberg

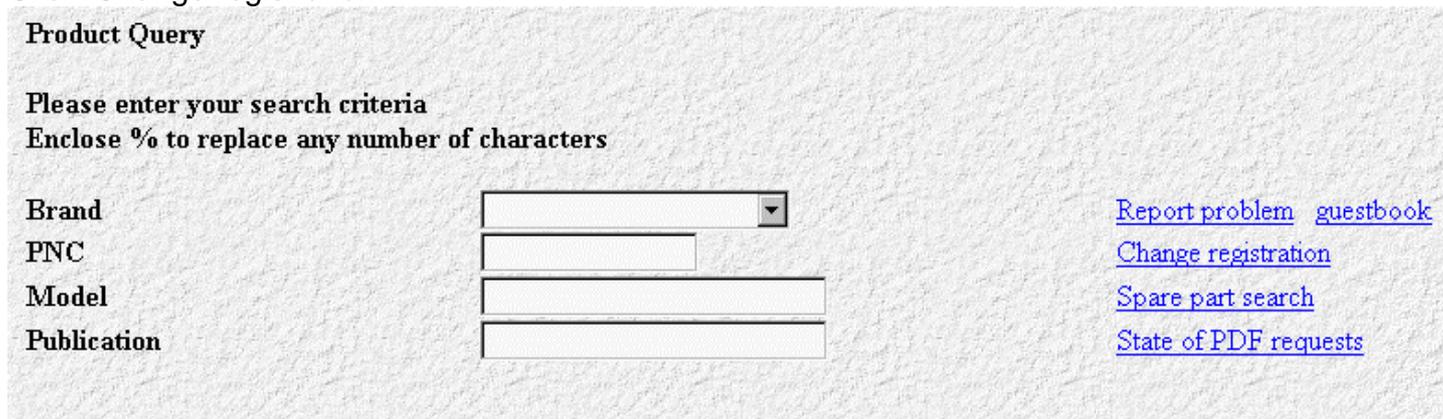
USER-ID:
PASSWORD:
NEW PW:

Please select your language by clicking on a flag.
Bitte wählen Sie Ihre Sprache durch Anklicken einer Flagge.

Registration

Click 'Change registration'



Product Query

Please enter your search criteria
Enclose % to replace any number of characters

Brand
PNC
Model
Publication

[Report problem](#) [guestbook](#)
[Change registration](#)
[Spare part search](#)
[State of PDF requests](#)

Fill out Registration Fields

Registration

In the near future registration is required to download parts list and to create a problem report.
Please fill all fields marked by a and press the register button.

LogonID*	<input type="text" value="test"/>	Password	<input type="password" value=""/>
Full name*	<input type="text" value="test_user"/>	Company*	<input type="text" value="Electrolux"/>
TTown	<input type="text" value="teststadt"/>	Country	<input type="text" value="Testanien"/>
Full phone no*	<input type="text" value="123456789"/>	Telefax	<input type="text" value="123456789"/>
E-Mail	<input type="text" value="test@testonline.de"/>		

If you need the spare parts search, you must additionally apply for the spare parts search with TSE-N via Lotus Notes using your login ID.

Product Search, Search Keys

It is possible to search for the product by following fields:

Attention: Basically, a maximum of 100 products will be displayed as result!

- Brand
- PNC (product number)
- Model
- Publication Number

Product Query

Please enter your search criteria
Enclose % to replace any number of characters

Brand	<input type="text"/>	Report problem guestbook Change registration Spare part search State of PDF requests
PNC	<input type="text"/>	
Model	<input type="text"/>	
Publication	<input type="text"/>	

Product Search by PNC

The 'JOKER' % replaces all letters and/or figures. In the below-mentioned example all PNCs with 914002 and with a 2 within the last 3 figures will be displayed

Brand

PNC

Model

Publication

AEG	914002012	19991107	LAV 85739-W	599507184	Download	Show	Markets	N1031F03
AEG	914002020	19991228	LAV 70730-W	599507399	Download	Show	Markets	N1031L11
AEG	914002021	19991228	LAV 70539-W	599507404	Download	Show	Markets	N1031M04
AEG	914002022	19991228	LAV 70530-W	599507404	Download	Show	Markets	N1031M04
AEG	914002023	20000103	LAV 76730-W	599507405	Download	Show	Markets	N1032A01
AEG	914002024	20000308	LAV 87739-W	599507676	Download	Show	Markets	N1032K05
AEG	914002026	19990819	LAV 72730-W	599506983	Download	Show	Markets	N1031D07
AEG	914002027	19991209	LAV72330-W	599507282	Download	Show	Markets	N1031H07
AEG	914002028	19991217	LAV 72530-W	599507292	Download	Show	Markets	N1031H14
AEG	914002029	19991108	LAV 74730-W	599507162	Download	Show	Markets	N1031E11
AEG	914002032	20000105	LAV 70530-W	599507408	Download	Show	Markets	N1032A08
AEG	914002042	19991224	LAV 74734-W	599507389	Download	Show	Markets	N1031K11
AEG	914002052	20000113	LAV 72334-W	599507282	Download	Show	Markets	N1031H07
AEG	914002062	20000105	LAV 70530-W	599507408	Download	Show	Markets	N1032A08
AEG	914002072	19991206	LAV 84730-W	599507184	Download	Show	Markets	N1031F03

Product Search by Models

The 'JOKER' % replaces all letters and/or figures. In the below-mentioned example all models beginning with Lav will be displayed.

Product Query

Please enter your search criteria
Enclose % to replace any number of characters

Brand

PNC

Model

Publication

AEG	605107911	19900101	LAV 2050 B/F/NL	8200X01	Download	Show	Markets	8200X01
AEG	605107912	19860101	LAVAMAT 2060TURBO GB	8200X09	Download	Show	Markets	8200X09
AEG	605107912	19870101	LAV 2060 GB	8200X09	Download	Show	Markets	8200X09
AEG	605107912	19870101U	Lavamat 2060	PUK0000019	Download	Show	Markets	
AEG	605107914	19900101	LAV 2060BR GB	8211X44	Download	Show	Markets	8211X44
AEG	605107914	19900101U	Lavamat 2060 b	PUK0000020	Download	Show	Markets	
AEG	605107915	19900101	LAV 2060W GB	8211X36	Download	Show	Markets	8211X36

Using this search the maximum of 100 product numbers will be achieved very often. The system therefore requires to refine the search keys

Product Search by Publication Numbers

The 'JOKER' % replaces all letters and/or figures. In the below-mentioned example all models beginning with the publication number 59950 will be displayed.

Product Query

Please enter your search criteria
Enclose % to replace any number of characters

Brand

PNC

Model

Publication

Electrolux	1670650101		BSK700	599500758	Download	Show	Markets	
Electrolux	1670660101		BSK700	599500758	Download	Show	Markets	
Electrolux	1670670101		BSK700	599500758	Download	Show	Markets	
Electrolux	16709001		BSK1400L	599500668	Download	Show	Markets	E4001E06
Electrolux	16709101		BSK1400L	599500668	Download	Show	Markets	E4001E06
Electrolux	16709201		BSK1400L	599500668	Download	Show	Markets	E4001E06
Electrolux	1671030101		BSF1400L	599500648	Download	Show	Markets	
AEG	610600261	1989	SNA80	599506817	Download	Show	Markets	
AEG	610600262	1989	SEA80-M	599506817	Download	Show	Markets	
AEG	610600264	1989	SEA80-W	599506817	Download	Show	Markets	
AEG	610600266	1989	SEA80-SCHW	599506817	Download	Show	Markets	
AEG	610600270	1991	111SB	599506826	Download	Show	Markets	

Here as well, the maximum number of search results is exceeded

Multiple Search

It is also possible to use all four search keys for a well-aimed product search.

Product Query

Please enter your search criteria
Enclose % to replace any number of characters

Brand

PNC

Model

Publication

The search result thus becomes essentially finer and often you find the wanted appliance right away.

Brand	PNC	ProdDate	Model	PubNo	Download/ Diagram	Additional documents		Fiche
AEG	911232282 01	20000901	FAV 6071 B	599508896	Download	Show	Markets	1531D07
AEG	911232283 01	20000901	FAV 6071 M	599508896	Download	Show	Markets	1531D07
AEG	911232285 01	20000901	FAV 4070 W	599508901	Download	Show	Markets	
AEG	911232290 01	20000901	FAV 4071 W	599508896	Download	Show	Markets	1531D07
AEG	911232291 01	20000901	FAV 5071 W	599508896	Download	Show	Markets	1531D07
AEG	911232306 01	20000901	FAV 4090 W	599508901	Download	Show	Markets	

The Search Result.

Every line includes a product with the related link to the appliance.

Clicking on the PubNo (publication number) opens the spare parts list

Brand	PNC	ProdDate	Model	PubNo	Download/ Diagram	Additional documents		Fiche
AEG	911232282 01	20000901	FAV 6071 B	599508896	Download	Show	Markets	1531D07

The Spare Parts list

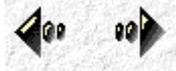
Electrolux Document Centre Nürnberg

Section N1531D07			
Pos	PartNo.	Description	replaced by
014	111 51 77-00 / 6	WIRING ESZ 6	
130	899646 12 17-80 / 5	PLASIC BAR	899646 12 17-81 / 3
130A	899646 17 75-10 / 9	SPRING	
260	111 81 85-00 / 6	Spring,flap door	
260A	111 82 64-00 / 9	Spring,release button	
260B	111 80 55-00 / 1	Spring	
303	899646 40 35-09 / 7	COVER PLATE	
305	899646 40 34-75 / 1	DOOR PLATE,ASSY,WITH	
308	899646 40 34-69 / 4	HINGE,ASSY	
308A	899646 12 36-00 / 3	HINGE HALF	

Publication 599508896 911232282 01 FAV 6071 B	
Section	Title
N1531D07	Command panel037
N1531D08	Electrical equipment 268
N1531D09	Housing 001
N1531D10	Water equipment
N1531D11	Water softener
N1531D12	Baskets, tubes 061

66.67% | 1 von 1 | 209,9 x 297 mm

Explanation of Symbols in the 'Spare Parts List' mask'

-  back to product search
-  back to search result
-  turn one page back or ahead
-  help (What you are reading now is this online help)

Functions of the Acrobat Reader:



Left to right: Save, print of present document, navigation window, scroll up and down, zoom document, highlight text on the document. With files including several pages turn ahead and back, change desired display configuration, (previous display), original size of the document, display of the whole page, window sight of the document.

Display of Parts List

Section N1531D07			
Pos	PartNo.	Description	replaced by
014	111 51 77-00 / 6	WIRING ESZ 6	
130	899646 12 17-80 / 5	PLASIC BAR	899646 12 17-81 / 3
130A	899646 17 75-10 / 9	SPRING	
260	111 81 85-00 / 6	Spring,flap door	
260A	111 82 64-00 / 9	Spring,release button	
260B	111 80 55-00 / 1	Spring	
303	899646 40 35-09 / 7	COVER PLATE	
305	899646 40 34-75 / 1	DOOR PLATE,ASSY,WITH	
308	899646 40 34-69 / 4	HINGE,ASSY	
308A	899646 12 36-00 / 3	HINGE HALF	
310	111 09 90-32 / 0	Flap,brown	

The left upper page shows the spare parts which are drawn and referred to on the display. The replacement notes are displayed as well.

Display of Sections (pages)

Publication 599508896 911232282 01 FAY 6071 B	
Section	Title
N1531D07	Command panel 037
N1531D08	Electrical equipment 268
N1531D09	Housing 001
N1531D10	Water equipment
N1531D11	Water softener
N1531D12	Baskets, tubes 061

This enables the faster searching of the respective spare part by clicking on the desired page (section) e.g. [N1531D11](#).

Printout in Internet Explorer (IE)

In IE it is only possible to print the visible pages. A printout of the complete IE page often does not lead to the desired result.

Download

Brand	PNC	ProdDate	Model	PubNo	Download/ Diagram	Additional documents		Fiche
AEG	911232282 01	20000901	FAV 6071 B	599508896	Download	Show	Markets	1531D07

Select '[Download](#)' in the column 'Download / Circuit Diagram'.

The selection mask appears:

Include spare parts list	<input checked="" type="checkbox"/>
Include selected diagrams	<input checked="" type="checkbox"/>
Language	english <input type="button" value="v"/>

Model	FAV 6071 B
Publication	599508896
PNC	91123228201
Include spare parts list	<input checked="" type="checkbox"/>
Include selected diagrams	<input checked="" type="checkbox"/>
Language	english <input type="button" value="v"/>

Diagrams:

N0292137345 - No type

(shift-click for multiple selection)

Show diagram	Create PDF	State of PDF requests
--------------	------------	-----------------------

Depending on the user's choice the download can include spare parts lists, circuit diagram, or both. So you have to highlight the check box spare parts list and/or circuit diagram. Further, if you need the circuit diagram, you must highlight (blue) the linked circuit diagram.

Diagrams:

N0292137345 - No type

(shift-click for multiple selection)

Model	FAV 6071 B
Publication	599508896
PNC	91123228201
Include spare parts list	<input checked="" type="checkbox"/>
Include selected diagrams	<input checked="" type="checkbox"/>
Language	english <input type="button" value="v"/>

Diagrams:

N0292137345 - No type

(shift-click for multiple selection)

Show diagram	Create PDF	State of PDF requests
--------------	------------	-----------------------

The download can be selected in several languages (approximately 12 languages at the moment). Now click 'Create PDF' and the mask *state of PDF requests* appears:

State of PDF requests

To save created PDF documents click the right mouse button and choose "save as..".

No. in queue	State	Pub No.	Language	Parts list	Diagram	Download
1	waiting ..	599508896	EN	X	X	

Close

This example shows that 1 download processes are worked out until your download will be carried out.

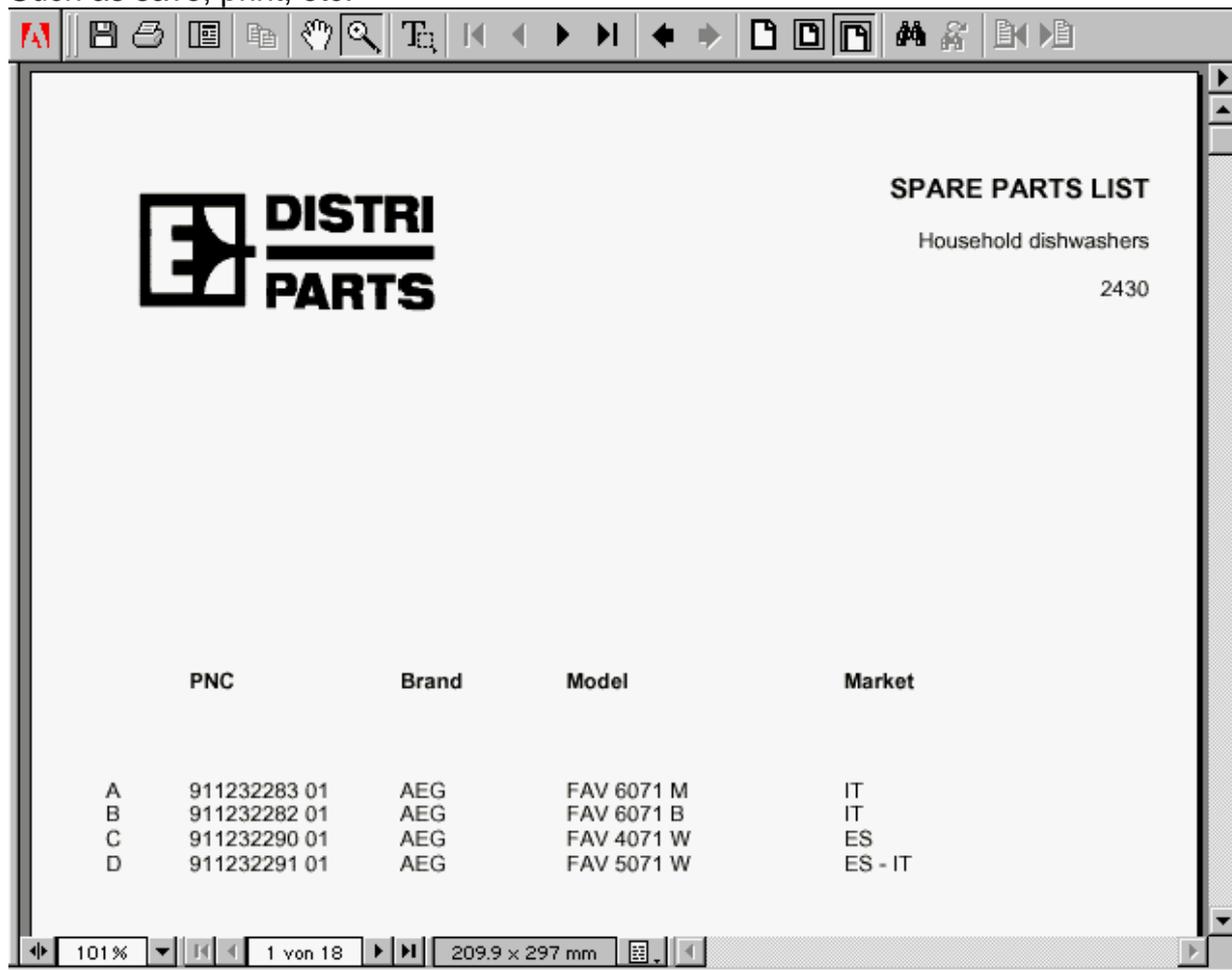


If the Acrobat Reader symbol appears in the download field, the file can be opened by clicking on it.

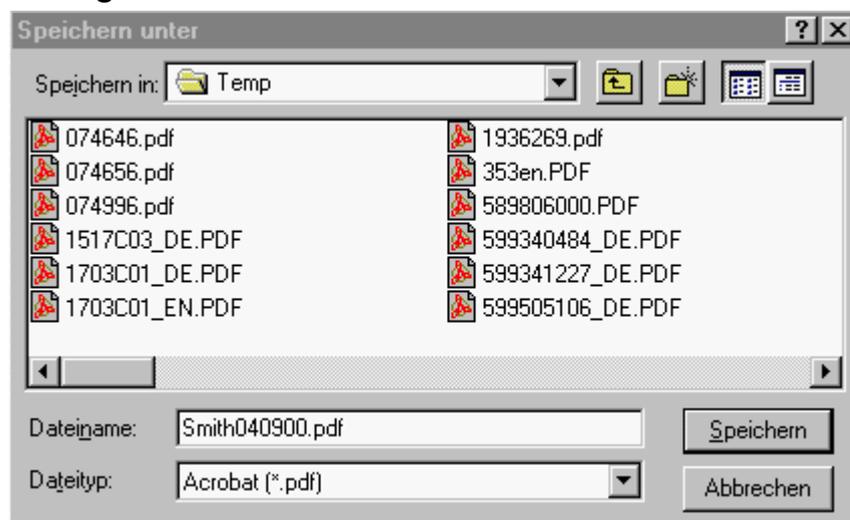
Attention: It is not necessary to wait directly for the termination of the download function. At any time it is possible to look at and/or download another appliance.

The download function is a separate program in TDS.

The functionality of the Acrobat Reader can now be used again.
Such as save, print, etc.



Saving of PFD File



This file can, of course, also be saved on your hard disk. You just have to give a file name for it.

Sending by e-mail

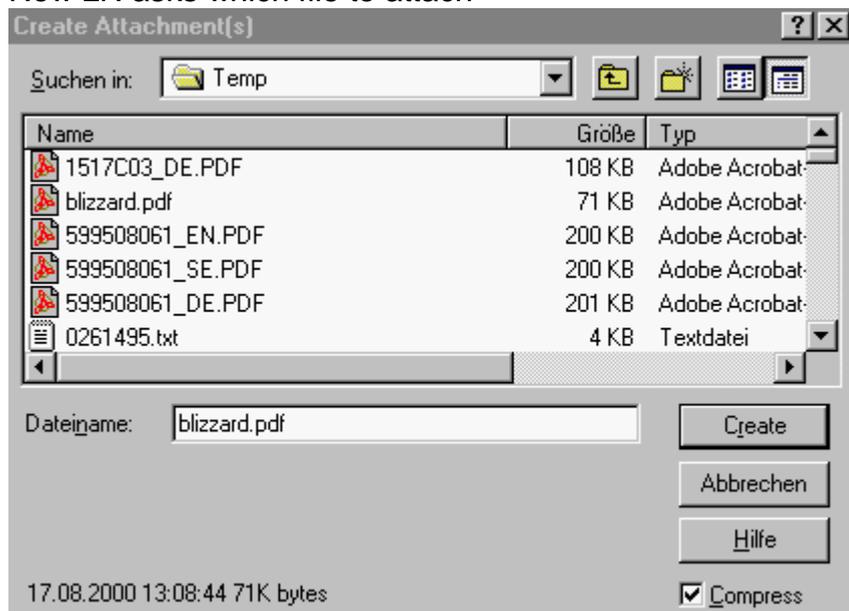
The Electrolux Group mainly uses Lotus Notes (LN) as e-mail client.
Click New Memo and fill out the address line and the reference line.

To: Kertz@ackermann.com
cc:
Subject: Ersatzteilunterlagen



Attach PDF File

Click on the paper-clip in Lotus Notes
Now LN asks which file to attach



Select Create and then Send

Now the e-mail message is sent directly to your customer or your colleague.

Look over the Circuit Diagram

As already described select the appliance

Brand	PNC	ProdDate	Model	PubNo	Download/ Diagram	Additional documents		Fiche
AEG	911232282 01	20000901	FAV 6071 B	599508896	Download	Show	Markets	1531D07

Press 'Download'

The selection mask appears:

Model	FAV 6071 B
Publication	599508896
PNC	91123228201
Include spare parts list	<input checked="" type="checkbox"/>
Include selected diagrams	<input checked="" type="checkbox"/>
Language	english <input type="button" value="v"/>

Diagrams:

N0292137345 - No type

(shift-click for multiple selection)

Select 'Show Diagram'. Now the Acrobat Reader starts again automatically.

general data				
operating voltage	V	230		
measurements	cm	Standard	But-in	But-in
		85 x 611 x 60	84 x 67 x 61 x 57	67,6 x 66,6 x 60 x 66,6
		capacity (standard place settings)	N	12
power draft garant	W	3400 / 5200		
Water capacity in tub	l	4,8		
water pressure (max/min)	N/cm ²	100/10		
technical features				
drain pump				
max. height	cm	100		
pump rate	l/min	16		
power input	W	30		
holding resistance	Ω	170		
dispenser combination				
dosing area	cm ²	1,7 - 6,5		
resistor	Ω	1560		
regenerating valve				
resistor	Ω	3000		

Now it is possible to save the file on the hard disk and/or print it, as with the spare parts list.

Service Bulletins and Service Manuals

As already described, select the appliance

Brand	PNC	ProdDate	Model	PubNo	Download/ Diagram	Additional documents		Fiche
AEG	911232282 01	20000901	FAV 6071 B	599508896	Download	Show	Markets	1531D07

Additional documents

[Show](#)

Select ,Show' in the column Further Documents

A new screen appears:

Publ. no.	Type of publication	Title
599506759	Service Bulletin (SB)	Dishwasher SOMAT 2 in 1

Click on the publication number ([599506759](#)) and again the Acrobat Reader starts automatically. As with all previous documents, the file can now be saved and/or printed.

The screenshot shows a Microsoft Internet Explorer browser window with the title "TDS DocNumber 599506759 - Microsoft Internet Explorer". The main content area displays a PDF document titled "Service-Bulletin". The document content includes:

- Publication number: 599 50 67 59
- Category: Waschgeräte
- Product: Geschirrspüler Henkel Produkt SOMAT 2 in 1
- Description: Das neue Produkt SOMAT 2 in 1 besteht aus Reiniger und Klarspüler kombiniert in einer Tablette. Der Klarspüler ist in einer Wachspille eingeschlossen die bei 62 °C schmilzt und den Klarspüler freigibt. Damit ist das Produkt in Geschirrspülern nur eingeschränkt verwendbar.

The Acrobat Reader interface shows a zoom level of 95% and a page number of 1 von 1.

Spare Parts Search

In TDS approximately 830000 supplied resp. spare part numbers are saved. Also the 'part relation', i.e. which supplied part belongs to which spare part, is saved.

The spare parts search is only released for authorized persons by 'through TSE-N'.

Product Query

Please enter your search criteria

Enclose % to replace any number of characters

Brand

PNC

Model

Publication

- [Report problem](#) [guestbook](#)
- [Change registration](#)
- [Spare part search](#)
- [State of PDF requests](#)

Click on [Spare part search](#)

Fact./Supp.

Fact.Part.No.

Spare No.

Usage Language

If you need the part application, you have to select the check box ,Usage'.

Spare No.

Usage Language

Enter the wanted spare part number and click 'search'

Now the system shows part group, customs code number, supplier, here Nuremberg, and supplied part number.

Spare part number 1115734004	
Spare part number:	1115734004 (S)
Description:	heating
Note:	
Part group:	4824
CTN:	
Supplier:	DGN
Supplier's Partno :	111573400

Related factory parts		
Fact./Supp.	Fact.Part.No.	Description
DGN	111573400	DURCHFLU'HEIZER MIT SICHG

Verwendung des Eratzteiles 1115734004		
PNC+ELC	Production Date	Model
91123436201	20000715	FAV5285IM
91123609700	20000815	QB522W
91123436401	20000715	FAV5270IM
91123436601	20000715	FAV4270IM
91123435501	20000715	FAV5270ID
91123606901	20000915	FAV40750UD
91123231601	20000901	FAV 4070 W
91123231001	20000801	FAV 4051 D
91123229001	20000901	FAV 4071 W

After that all appliances, which include the wanted part (spare part number), will be displayed.

Problem Report

All users who enter the system with a registered user ID can report their problems directly to the respective documentation centre using the integration of an error report especially adjusted to TDS.

- [Report problem](#) [guestbook](#)
- [Change registration](#)
- [Spare part search](#)
- [State of PDF requests](#)

Click [Problem Report](#)

The problem report opens

Enter Problem report

Type of message

Factory

Product group

PNC

Publication number

Remarks

Now several types of problems can be highlighted. With all problems concerning a documentation, you should at least enter the PNC and/or the publication. The respective documentation centre will be

informed by .

No.	Respons.	rep. by	short description	Reported	solved
N000000012	ITZDENIS	kremlj	Exploded View PDF is missing PNC: 928403702 Pubno: 599341377	21.08.00	
N000000013	MUENCH	test	Other hint, proposal or critcs PNC: TDS Pubno: TDS	21.08.00	
N000000019	KREISR	chris	Diagram number wrong or missing PNC: 916011105 Pubno: 599508688	30.08.00	

Problem List

TDS now shows the problem list for the particular editors and final users.

If a problem is solved the column shows 'finished'.

The solution can be made differently: By a LN to the producer of the problem report or by the direct mail of the documentation.

Markets

Brand	PNC	ProdDate	Model	PubNo	Download/ Diagram	Additional documents		Fiche
AEG	914001025	19960101	LAV 74700 UPDATE	1026B11	Download	Show	Markets	1026B11

Every country has a product responsible.

He or she can allocate in the following mask by clicking on Markets,

Brand	AEG
PNC	91400102500
Model	LAV 74700 UPDATE
PRODDATE	19960101
Add markets	
DE - Germany	Add the market on the left
Currently subscribed markets	
DE - Germany	Remove Germany

the country code to the respective appliance. This facilitates the production of country-specific CD-ROMs.

Availability of TDS

Our servers are online 24 hours a day and 6 days a week.

Network Costs

To reduce the network costs, we are demanded to point out that using TDS causes so-called operating resp. availability costs.

Thus, among others, line capacity, server capacity and also the general speed of all our systems will be affected.

Therefore it is necessary to prevent the start of all intranet and host as well as internet connections when uploading the PC. Only the ID systems, which are required resp. called more frequently during the day, should run on stand-by.

Future of TDS

At the end of this year a CD-ROM system will be distributed, which makes it possible to work network-independent, i.e. with an on site server.

In TDS web applications you will find shortly other applications, such as Soft call avoidance, fault trees, etc.