

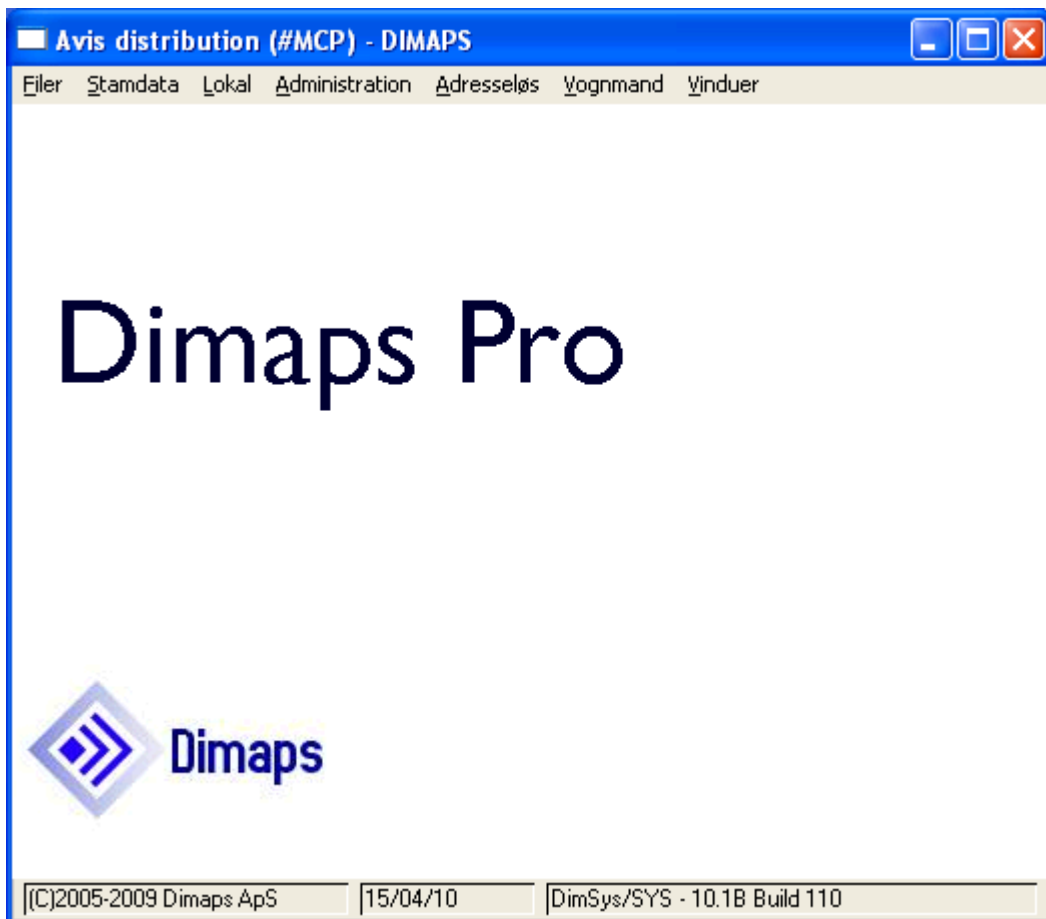
Distribution of newspapers

The program handles carriers, routes, recipients, one or several newspapers, payment of wages, distribution days, packing list, with a logic and intuitive presentation for the user. The program is based on the standard database Progress. Crystal Reports is used for reporting and printout.

Facilities

The program has the following facilities among others:

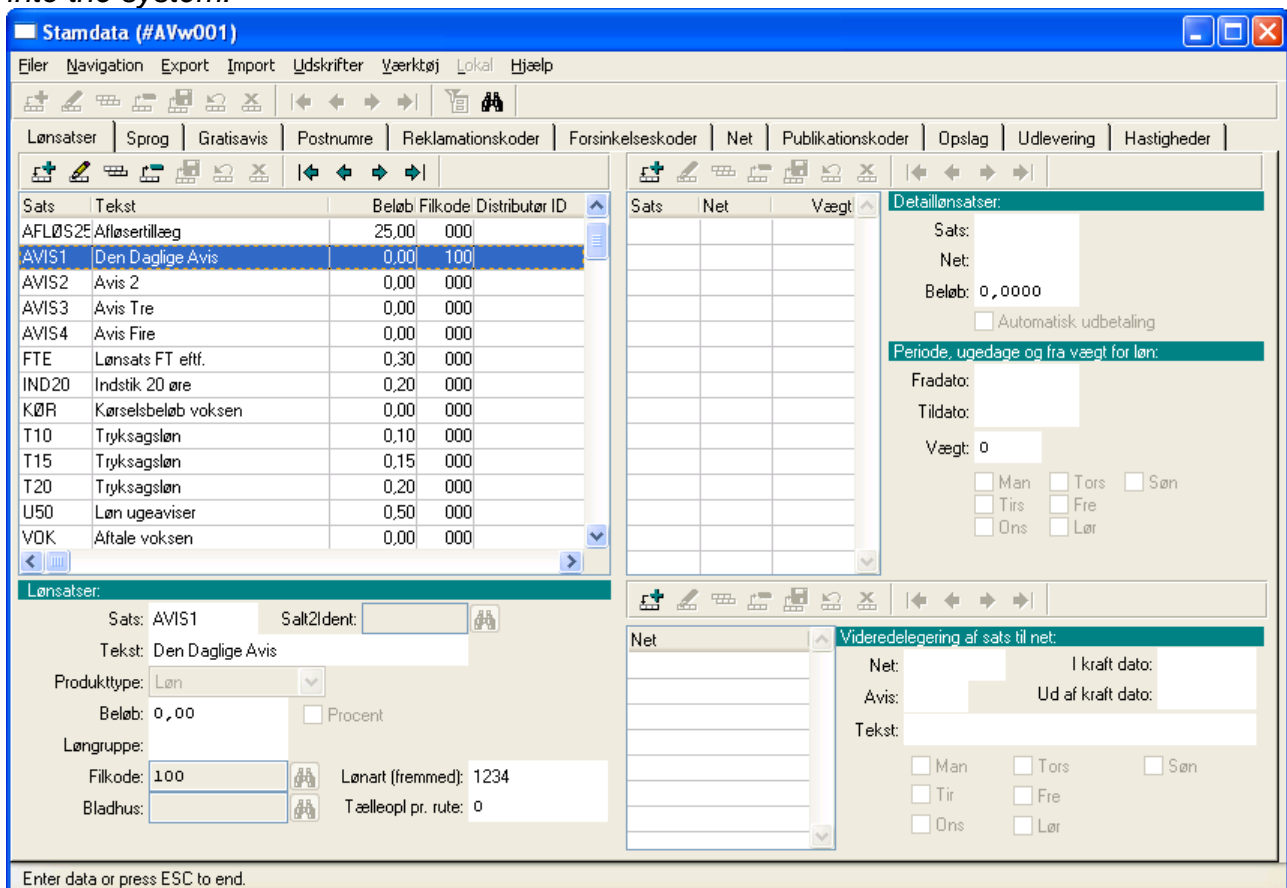
- Support of transactions to and from publishing companies and subscription systems through ascii files, MQ or webservice.
- Support of different route coverages ("network") depending on weekdays, periods or holidays.
- Registration of streets and route information.
- Registration of carrier information including absence and supplied equipment, work permits a.s.o.
- Support of messages in different languages for carriers.
- Support of special deliveries where standard carrier or route is not to be used.
- Handling of production days, holiday and illness etc. by means of a logic and intuitive approach.
- Printout of route list with subscribers, starts/stops and complaints for the different routes.
- Printout of packing list on paper and/or as packing files.
- Registration of delays.
- Registration of complaints.
- Handling of complaints with printout for follow-up on complaints, e.g. statistics, repeaters' lists and lists of subsequent deliveries.
- Advanced but easily available creation of wage basis for the individual carriers, routes and rates.
- Intuitive indication of interconnected data between routes, carriers, complaints and delays etc.



Master files

The newspaper distribution contains several master files, among others wage rates, streets, postal codes, product codes, delay codes, complaint codes etc.

Below you will find some examples of newspapers and rates which can be incorporated into the system.



Route module

The route module is employed for master information of the individual routes, indication of the carriers connected to the route as well as handling of absence on the route.

Apart from this the route module is employed for:

- Route description.
- Subscribers on the route.
- Complaints on the route.
- Absence on the route.
- Wage rates affecting the route.
- Typical newspaper editions on the route.
- Messages for carriers on the route.
- Indication of carrier prospects for the route.

This is an example of carriers on the route.

Rutenr.	Post	By	Distrikt	Køreliste	Station	Budledernr	Udlev.sted	Magasinrute	Afdeling	Rutetype	Distributør ID	Distrib
1009	8900	RANDERS 5		201		20			2	1		
101	8500	GRENÅ 101		132		25			11	1		
10101	8500	GRENAA 1	10101	132		20			11	1		
10108	8500	GRENAA 2	10108	132		20			11	1		
1011	8900	RANDERS 6		201		20			2	1		
10111	8500	GRENAA 3	10111	132		20			11	1		

Budnr	Fra dato	Til dato	Net	Budstatus	Man	Ti	On	To	Fr	Lø	Sø
124977	02.02.10	31.12.49	R	Afløser	X	X	X	X	X	X	X
124778	01.01.10	29.01.10	R	Afløser	X	X	X	X	X	X	X
124889	27.01.10	27.01.10	R	Fast			X				
124778	18.11.09	31.12.09	R	Afløser	X	X	X	X	X	X	X
123514	17.09.08	11.11.09	R	Fast	X	X	X	X	X	X	X
122045	10.06.09	02.09.09	R	Afløser			X				
122340	03.10.07	10.09.08	R	Fast	X	X	X	X	X	X	X
	13.25.06.08	25.06.08	R	Afløser	X	X	X	X	X	X	X
122340	26.09.07	26.09.07	R	Afløser			X				
122045	12.09.07	26.09.07	R	Afløser	X	X	X	X	X	X	X
122340	19.09.07	19.09.07	R	Afløser			X				
406877	05.09.07	05.09.07	R	Afløser	X	X	X	X	X	X	X
122045	18.07.07	29.08.07	R	Afløser	X	X	X	X	X	X	X
122082	25.07.07	25.07.07	R	Afløser			X				
122082	18.07.07	18.07.07	R	Afløser			X				
407026	04.07.07	11.07.07	R	Afløser	X	X	X	X	X	X	X
407026	27.06.07	27.06.07	R	Afløser			X				
407026	20.06.07	20.06.07	R	Afløser	X	X	X	X	X	X	X
406951	10.01.07	13.06.07	R	Afløser	X	X	X	X	X	X	X
406877	11.04.07	11.04.07	R	Afløser			X				

Carrier module

The carrier module is employed for information on carriers and like the route module also handles "Carrier on route" information and absence on the route.

In addition the carrier module is employed for indication of for example:

- Free newspapers for the carrier on the route with possible indication of priority.
- Complaints against the carrier.
- Wage rates affecting the carrier.
- Equipment supplied to the carrier, e.g. bags, carts and safety vests.
- Keys handed out to the carrier in case Dimaps keys have been purchased.
- History of the wage basis for the carrier.

Subscriber module

The subscriber module is employed for newspaper distribution to indicate subscribers as they are typically received from subscriber systems through previously determined protocols.

In addition the subscriber module is for example employed for indication of the following:

- Master data of the subscriber.
- Subscriber deliveries divided on the individual networks.
- Complaints against the subscriber.
- Information connected to the subscriber including starts/stops.
- Special deliveries for the subscriber.

Below an example is shown of a distributor with 3 copies on all days.

The screenshot shows a software window titled "Abbonter (#avW005)". It features a menu bar with "Filer", "Navigation", "Forsinkelser", "Udskrift", "Værktøj", "Lokal", and "Hjælp". Below the menu is a toolbar with various icons. The main area contains a table of subscribers with columns: "Abbonent", "Navn", "Telefon", "Avis", "Nøgle", "Ekstern abon.", and "Forhandler".

Abbonent	Navn	Telefon	Avis	Nøgle	Ekstern abon.	Forhandler
2820000016495	Købmand		DH	Nej	2820000016495	Ja
2820000017002	Rema 1000, Holstebro		DH	Nej	2820000017002	Ja
2820000017004	Servicecentret A/S		DH	Nej	2820000017004	Ja
2820000017005	Skjernvejs Kiosk Brødsalg		DH	Nej	2820000017005	Ja
2820000017006	Q 8 Service		DH	Nej	2820000017006	Ja
2820000017008	Kiosk		DH	Nej	2820000017008	Ja
2820000017009	City Papirhandel		DH	Nej	2820000017009	Ja
2820000017019	Aktiv Super		DH	Nej	2820000017019	Ja

Below the table are tabs for "Abbonter", "Reklamationer", "Meddelelser", and "Specialleveringer". The "Abbonter" tab is active, showing a sub-section for "Leveringer" for subscriber "2820000016495".

Abbonentoplysninger:
Abbonent: 2820000016495 Net: 1 Man-Lør
Avis: DH
Stilling: Navn: Købmand Sidst opdateret: 22. 02. 10
Telefon: Type: Distrikt og område til bladhus: 16000
Ekst. abo: 2820000016495 Meddelelser: 0 Rutenet: 1 Reklamationer: 0
Co: Gadeld: 754000027 Herringvej I kraft fradato og tildato: 22. 10. 08
Husnr: 1 7540 Haderup Levingsantal: Man: 3 Tor: 3 Søn: 3
Etage: Side: Lejt: Tir: 3 Fre: 3
Sortering: 0 Ons: 3 Lør: 3
Lev. form: FORH Rute: FOR06
MapInfo: Albnr: 47066 X: 499703,34
Levingsopl.: Hlbnr: 56248 Y: 6249488,7
Kode: 0

Net Rutenr. Gadeld Husnr Aktiv
1 FOR06 754000027 1 X

Særlig bemærkning vedr. levering:

Production module

The production module is the gathering point of the production days and gives an overview of newspapers, routes, carriers and the wage basis on the day.

It is possible to have various productions with different products/newspapers on the same day of production, for example morning, midday and evening distribution.

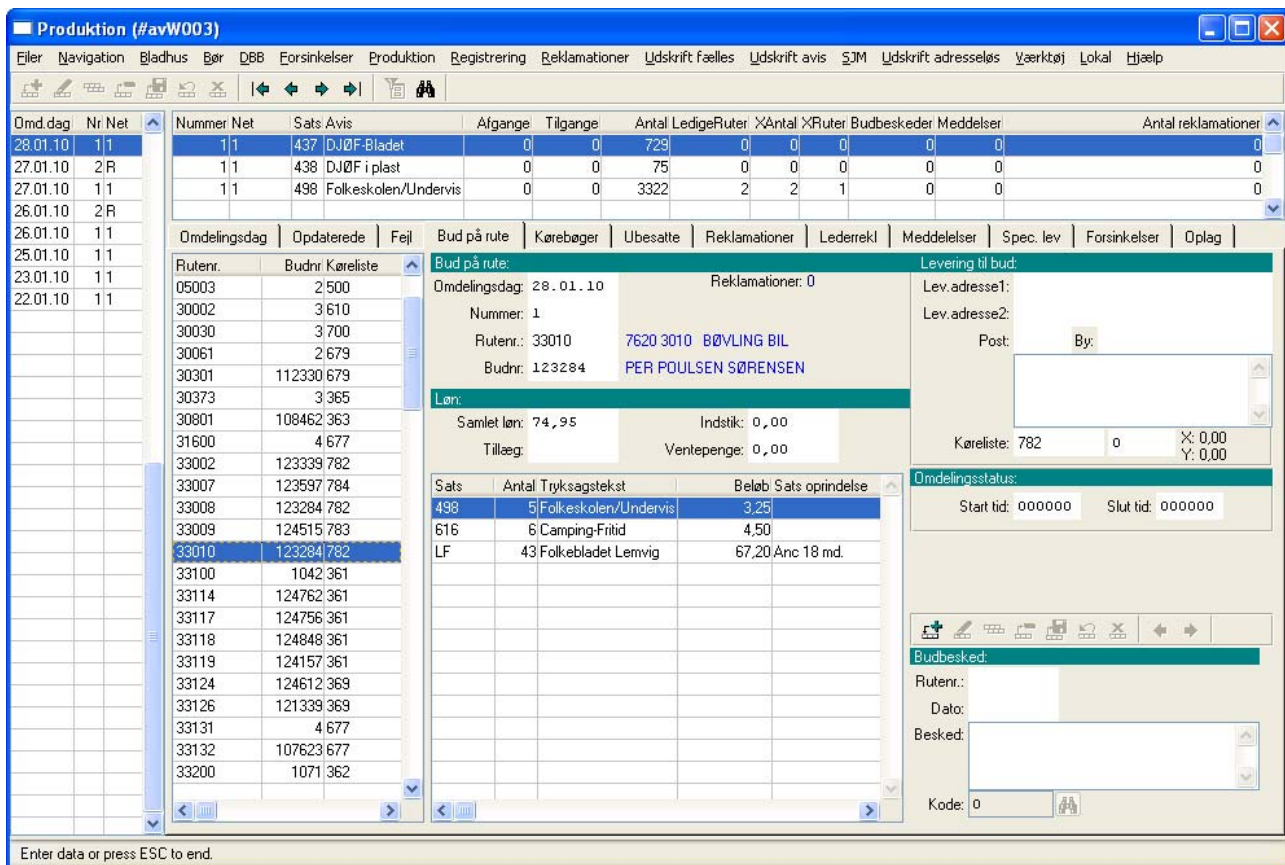
The production module gives an overview of the following on the production day:

- Newspapers on the day of production.
- Updated subscribers with received transactions from the subscriber system.
- Efficient indication of potential subscribers with errors to be solved prior to distribution.
- Carrier on route for the production with wage basis and delivery address.
- Vacant routes.
- Newspapers and number of newspapers per route.
- Indication of route books.
- Entering of complaints and follow up on complaints to subscribers and management.
- Special delivery for subscribers.

It is for example possible to print out the following from the production module:

- Available routes on the day.
- Route lists for the day (individual routes or all routes).
- Complaints for follow-up.
- Complaints for subsequent delivery.
- Statistics of complaints for carriers, routes and complaint codes.
- Parcel lists.
- Route books.
- Route lists.

Below you will find an example of a route with products and wage basis on a production day.



Wage module

The wage module shows the wage basis.

In the wage module it is among other things possible to create:

- Extra rate for one or several carriers, e.g. standoff pay.
- Transfer of the wage basis to a wage program.

System configuration

The Dimaps programs contain a system configuration module that handles users and user groups and their rights to the individual modules and functions of the individual modules. For the individual user or group a structure can be created which is adapted to their requirements.

Furthermore, it is possible to create and change menus in the program for the individual users.

A security measure could be a login history showing the users of the individual modules and menu options, time and date of login and with which parameters. In addition a registration of changes of the individual modules including values before and after is possible.

With the extra purchase of Dimaps-GIS you will find many additional advantages:

- Full integration between the Dimaps-GIS and newspaper distribution.
- In the Dimaps-GIS subscribers can be shown in maps and routes can easily be created.
- Detailed route descriptions with maps.
- Calculation of route lengths, planning of walking order etc.

The newspaper distribution can profitably be extended by means of the following Dimaps systems:

- Handling of keys
- Mobile: PDA, SMS, WAP and e-mail
- Route optimization