

I BASIC INFORMATION

- 1 Name and location of the Network Organisation :

DKUUG - Dansk UNIX-system Bruger Gruppe
 Studiestræde 6
 DK-1455 København K
 Danmark
- 2 Name of the Communication Network(s) administered,
 managed or implemented by this organisation : DKnet

 (Please fill out an extra questionnaire for each
 Communication Network which is supervised by this
 Organisation)
- 3 Number and type of participating institutions (i.e.
 universities, research institutes, industry) :

 20 university institutets, 30 industry
- 4 Approximate number of sites (hosts/endsystems)
 connected :

 50 hosts / 150 endsys

5. Estimated number of end users :

450

6 Types of users (i.e. students, ingenieurs, scientists) :

students, ingenieurs, scientists, salespeople, teachers

7 State of services (please answer all questions even if the network is in a planning stage)

7.1 planned starting time :

xk8x 1983-01-01x

7.2 operational since :

1983-01-01

8 Estimation on present and future traffic loading

8.1 Estimation on present traffic volume (per month)
and estimated traffic growth (percentage per year) :

!		Estimated average traffic in Mbytes	!
!		(per month)	!

!Service	!	Present (1987)	! Growth (per year)!

!Total	!	250	! XXXX 150 % !

!dialog(line	!	0	! 0 !
! oriented)	!		!

! virtual	!	0	! 0 !
! terminal	!		!
! access	!		!

! electronic	!	8	! 100 % !
! mail	!		!

! file	!	0	! 0 !
! transfer	!		!

! network	!	0	! 0 !
!job entry	!		!

! others	!	240	! 150 % !
! news	!		!

8.2 Estimation on present connection time (per month) and, as far as possible, estimated growth (percentage per year) :

Estimated average connection time in hours (per month)		
Service	Present (1987)	Growth (per year)
Total	700	150 %
dialog(line oriented)	0	0
virtual terminal access	0	0
electronic mail	25	100 %
file transfer	0	0
network job entry	0	0
others	675	150 %

8.3 Estimated number of connections per month and estimation on future growth (percentage per year) :

!	Estimated average number of connections		!
!	(per month)		!

! Service	! Present	!	Growth (per year)

! Total	! 10000	!	150 %

! dialog(line	!	!	!
! oriented)	!	!	!

! virtual	!	!	!
! terminal	!	!	!
! access	!	!	!

! electronic	!	!	!
! mail	! 9000	!	150 %

! file	!	!	!
! transfer	!	!	!

! network	!	!	!
! job entry	!	!	!

! others	! 1000	!	150 %
!	!	!	!

9 Name of other data networking infrastructures in your country, that you know of for which you cannot fill out the questionnaire but/and

9.1 to which you forward it :
(Name, address and phone number of the contact persons for these data networking infrastructures)

9.2 to which you cannot forward the questionnaire. Why ?
(Name, address and phone number of the contact persons for these data networking infrastructures /or any other information you might have).

II ADDITIONAL INFORMATION

1 Financial Structure

(please check and specify)

1.1 Overall budget per year :

400.000 DKK

1.2 Membership fees 1000 DKK

Total income from this source :

60.000 DKK

+-----+
i no i
+-----+
+-----+
i yesi
+-----+

1.3 Licence fees for communication software
from your organisation 0

Total income from this source :

0

+-----+
i no i
+-----+
+-----+
i yesi
+-----+

1.4 Subsidised by others sources (government,
industry etc.) 0

Total income from this source :

0

+-----+
i no i
+-----+
+-----+
i yesi
+-----+

1.5 Usage oriented charging on application layer

Total income from this source :

340.000 DKK

+-----+
i no i
+-----+
+-----+
i yesi
+-----+

2 Services

2.1 Information services

2.1.1 General data base access :

news

XXXXXX

+-----+
i no i
+-----+
+-----+
i yesi
+-----+

2.1.2 Special data base access, i.e scientific
library access :

news

+-----+
i no i
+-----+
+-----+
i yesi
+-----+

2.2 X.400 based electronic mail :

no

+-----+
i no i
+-----+
+-----+
i yesi
+-----+

2.3 Other mailing systems (please specify) :

uucp

+-----+
i no i
+-----+
+-----+
i yesi
+-----+

2.4 File transfer :

uucp

+-----+
i no i
+-----+
+-----+
i yesi
+-----+

2.5 Line oriented dialog :

no

```
+-----+
i no i
+-----+
+-----+
i yesi
+-----+
```

2.6 Full screen services :

no

```
+-----+
i no i
+-----+
+-----+
i yesi
+-----+
```

2.7 Network job entry :

no

```
+-----+
i no i
+-----+
+-----+
i yesi
+-----+
```

2.8 Other services (please specify) :

news

```
+-----+
i no i
+-----+
+-----+
i yesi
+-----+
```

3 Type of Network

(please check)

3.1 Public packet switched data network (X.25) :

yes

+-----+
i no i
+-----+
+-----+
i yesi
+-----+

3.2 Private network (X.25) :

no

+-----+
i no i
+-----+
+-----+
i yesi
+-----+

3.2.1 Connection to public network(s) :

no

+-----+
i no i
+-----+
+-----+
i yesi
+-----+

3.2.2 Connection to other networks :

a lot

+-----+
i no i
+-----+
+-----+
i yesi
+-----+

3.2.3 Other, specify please :

3.3 Leased lines :

(please explain)

no

```
+-----+
i no i
+-----+
+-----+
i yesi
+-----+
```

3.4 Telephone connections :

(please explain)

300/1200/2400 bps

```
+-----+
i no i
+-----+
+-----+
i yesi
+-----+
```

3.5 Switched lines :

(please explain)

autodial modems, X.25 service

```
+-----+
i no i
+-----+
+-----+
i yesi
+-----+
```

3.6 Others :

Internal ethernet.

4 Topology of the Private Network

(fill out only if applicable)

Definitions :

Node : Location in the network where several connections meet together

Host : Endsysteem providing computing services to users

Location : Geographical place where the nodes are located

4.1 Number of nodes installed :

50

4.2 Number of different operating systems for which the network-software is available (Please list if possible) :

uucp, quite some OSes, incl: UNIX, VMS, DOS

4.3

Geographical locations and number of locations :
(please submit a diagram if available)

50 sites all over Denmark

4.4 Line bandwidths :

300/1200/2400 bps, ethernet, X.25

4.5 Operation time per day of node's services :

24 hour service

4.6 Characteristics of the nodes

UNIX OS

4.6.1 Manufacturer(s) of the nodes :

Different

4.6.2 Name of hardware :

Different

4.6.3 Name of the communication software :

UUCP, mail, news

4.6.4 Name of the operating system :

UNIX, VMS

6	<u>Future Plans</u>	
6.1	Planned services	
6.1.1	Full screen dialogue :	
	investigated	+-----+ i no i +-----+ +-----+ i yesi +-----+
6.1.2	Graphical communication :	
	not yet	+-----+ i no i +-----+ +-----+ i yesi +-----+
6.1.3	Gateway services :	
	investigated	+-----+ i no i +-----+ +-----+ i yesi +-----+
6.1.4	High speed communication :	
	planned	+-----+ i no i +-----+ +-----+ i yesi +-----+
6.1.5	Teleconferencing (video) :	
	no	+-----+ i no i +-----+ +-----+ i yesi +-----+

6.1.6 Videotex (integration) :

no

```
+-----+
i no i
+-----+
+-----+
i yesi
+-----+
```

6.1.7 Others (which?) :

```
+-----+
i no i
+-----+
+-----+
i yesi
+-----+
```

6.2 Number of new service gateways (level 7) :

0

6.3 Number of new network/transport gateways (level 3/4) :

-

6.4 Number of new nodes :

20 - 50 per year

6.5 Anticipation of connections outside academic and universities connections :

big. This is our primary customers.