

Future Enhancements to RC9000

- Hardware:**
- R3000 based PU (Q2/90)
 - 100 Mbps fiber link SIB (Q3/90)
 - 1/2" cartridge tape (IBM format) (Q1/90)
 - 5 1/4" disc drives (Q1/90)
 - Cost improved Communication Processor

- Software:**
- ISO WAN Transport Station (TS0,2)
 - ISO LAN Transport Station (TS 4)
 - Networked Ingres via ISO WAN
 - X/OPEN certification
 - 3270 pass-through
 - LM/X Server
 - NFS Server

- Longer term:**
- 50 Mips PU based on R4000
 - ABI compatibility
 - System V.4 compatibility
 - Distributed database system

R3000 based RC9000 PU

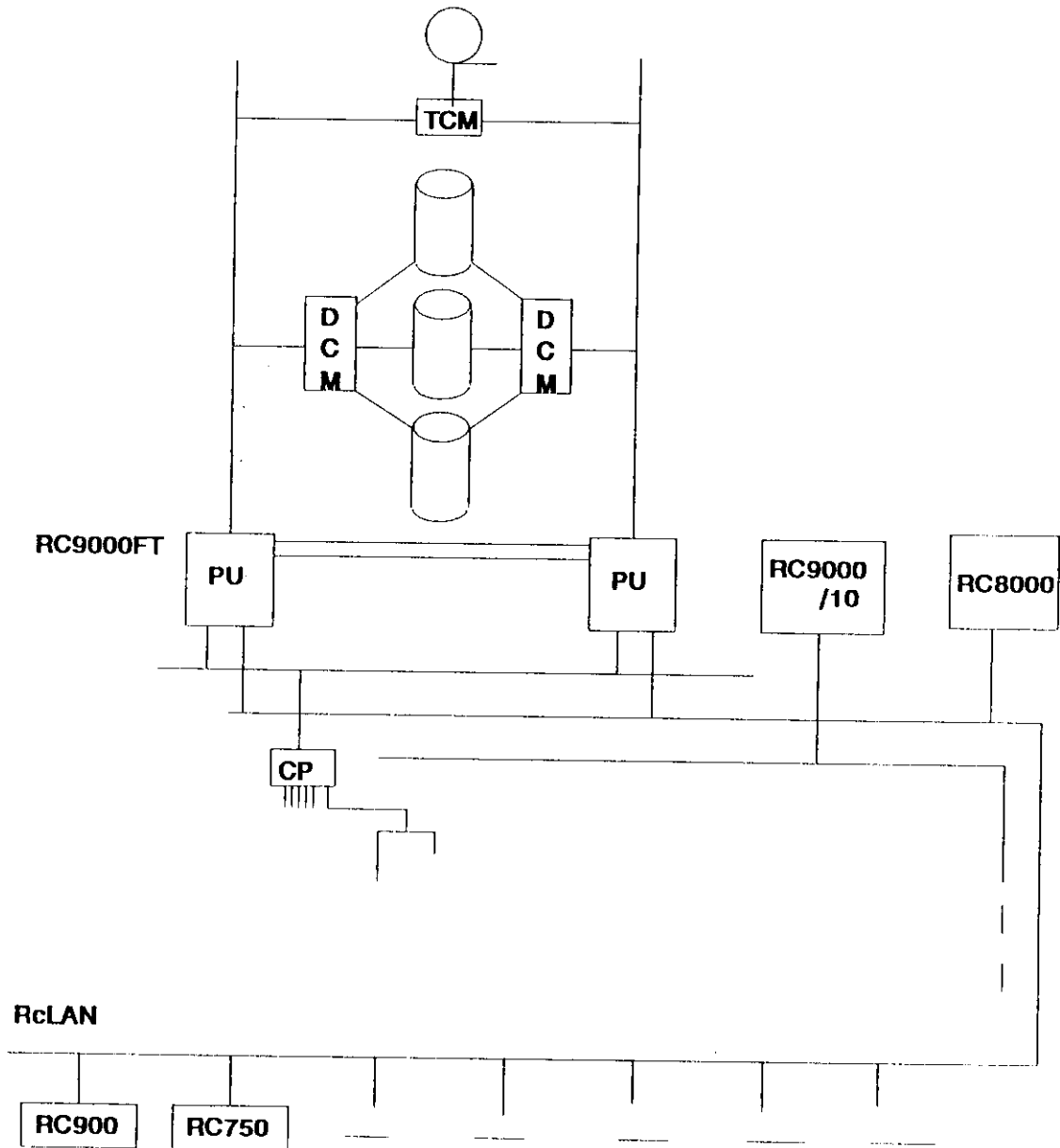
UPU+RPU:

- R3000 25MHz RISC processor
- R3010 Floating Point Coprocessor
- 64Kbytes instruction cache
- 64Kbytes data cache
- Cycle time: 40ns
- Peak performance: 25 Mips
- Sustained performance: 15-18 Mips

Plug compatible with the existing R2000 board (RC9010).

RC9000

RC9000 PEN-SAM



100-200 in-house workstations

- Pension fund administrations for all members
- Insurance administration

RC9000

Customer cases

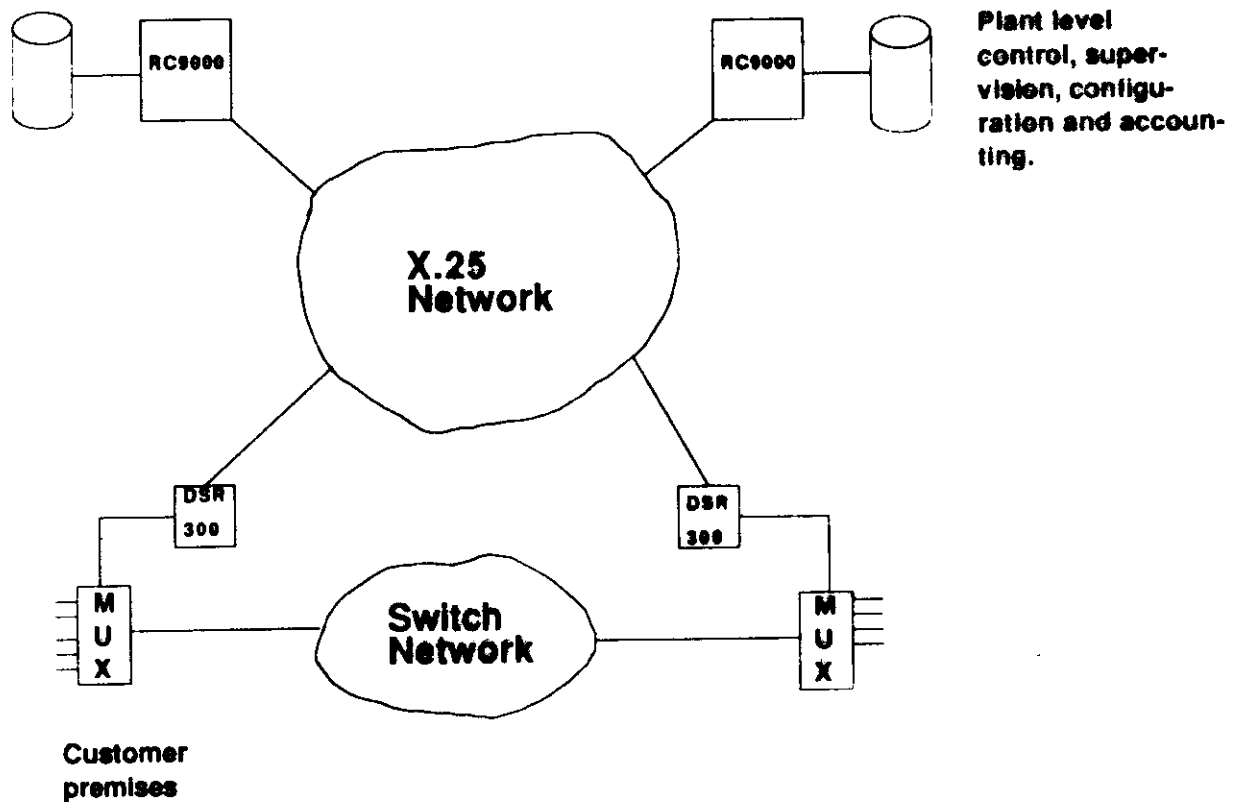
- Pension Funds System (PENSAM)**
- STC FAS**
- MDNS**

RC9000 - STC/FAS

FAS = Flexible Access System.

**Fibernet based voice/data multiplexers/switches,
dynamically and individually configurable
according to customers varying need.**

Customer: BT



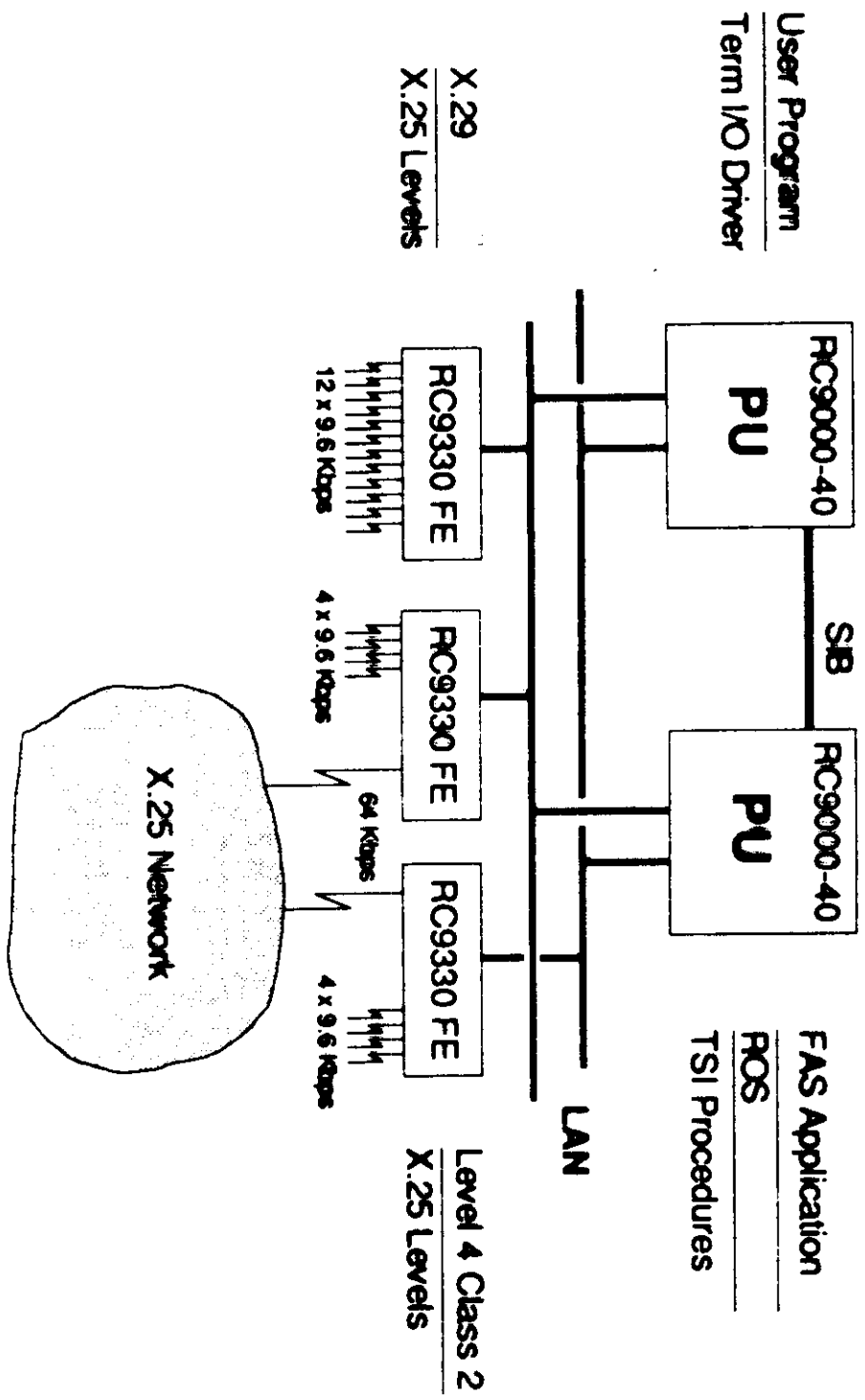
RC9000

RC9000

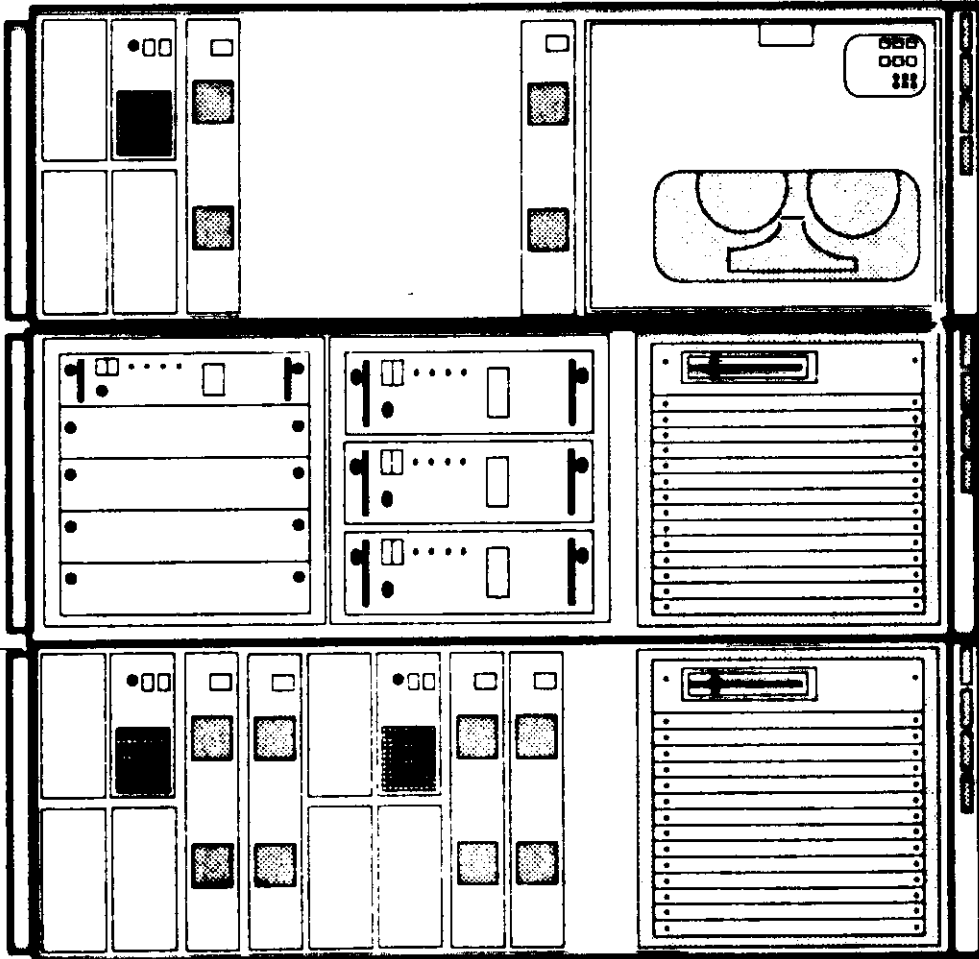
RC Computer

||||| AN STC ICL COMPANY

Configuration for FAS An Example



RC9000 configuration for FAS



Expansion cabinet including additional PU and disk drives

MDNS

(Managed Data Network Services)

Set up as a private company by 22 European PTT's via the CEPT Commercial Action Committee.

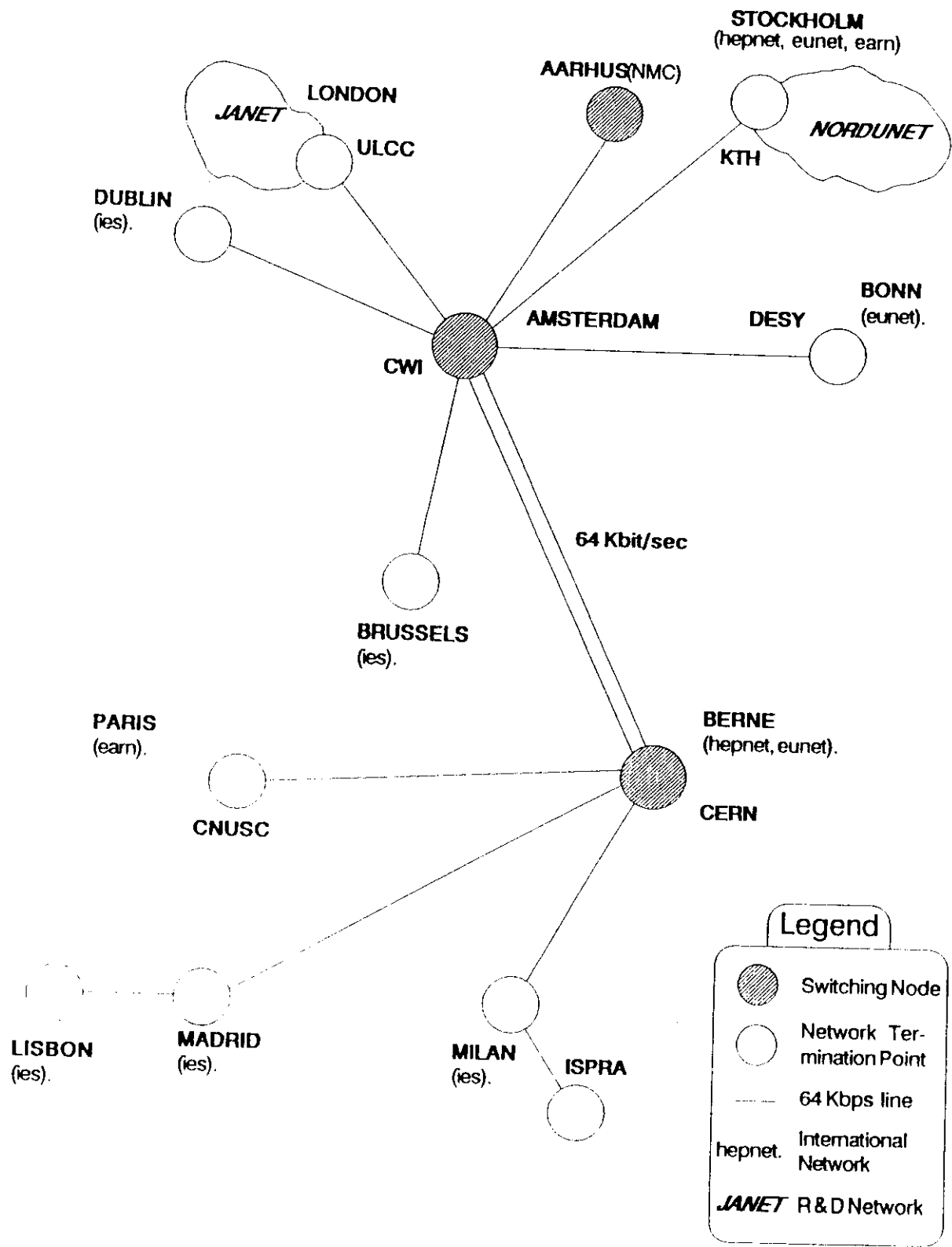
Scope of MDNS:

Joint European Telecommunication Service, with EEC as the driving force in promoting computer communication systems according to ISO - Open Systems Interconnection.

Actions:

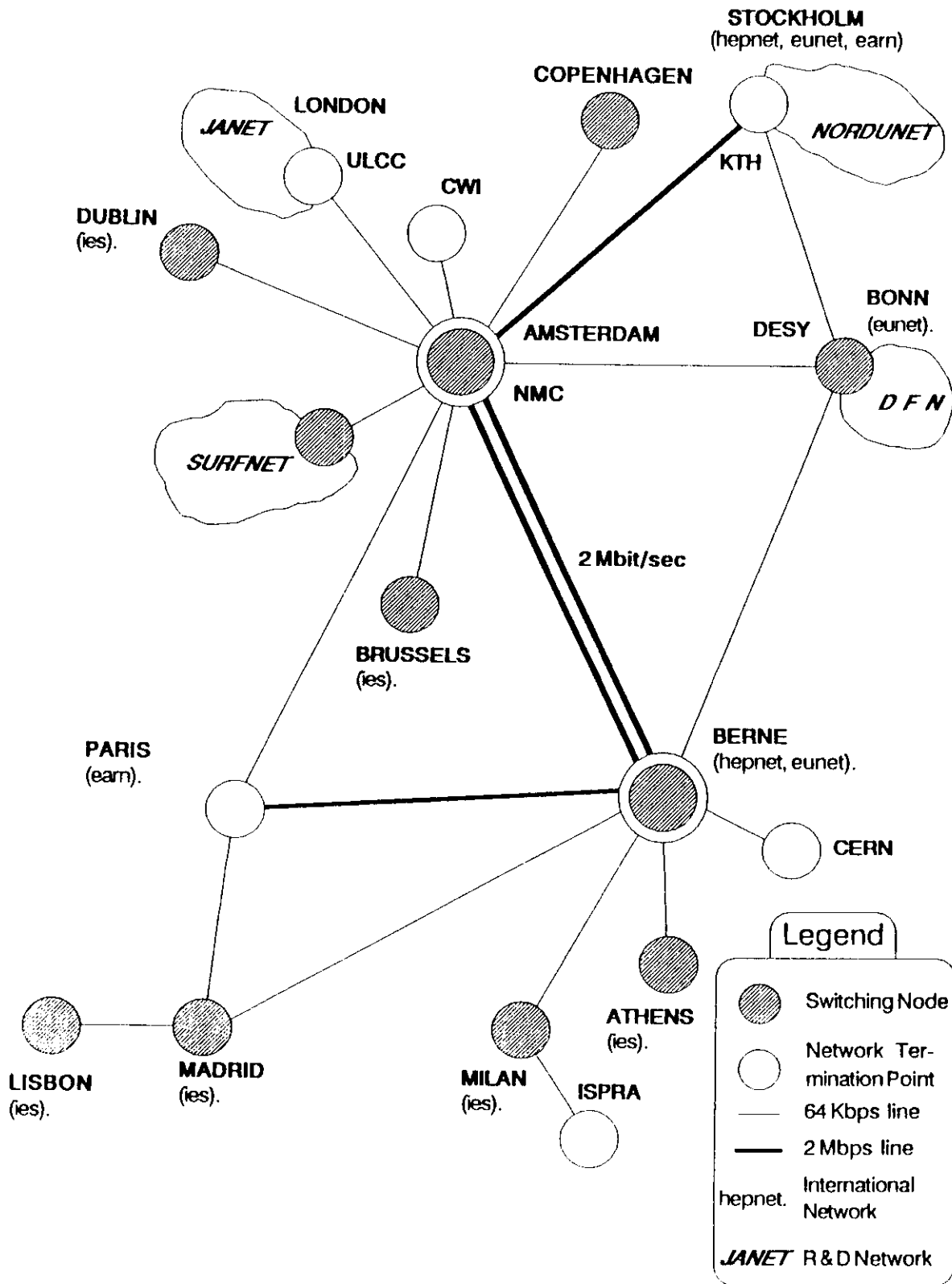
- Set up a pilot MDNS network.**
- Form an MDNS company to operate a Pan-European Network Service.**
- Dutch PTT was given responsibility of setting up the organisation.**

ANNEX I PILOT PROJECT DESCRIPTION



RC9000

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