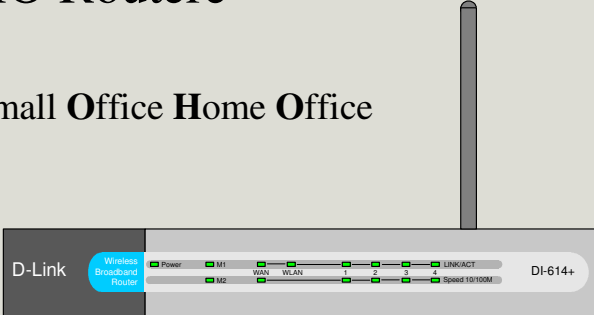


EUC MIDT

SOHO Routers

- Small Office Home Office



D-Link Wireless Broadband Router DI-614+

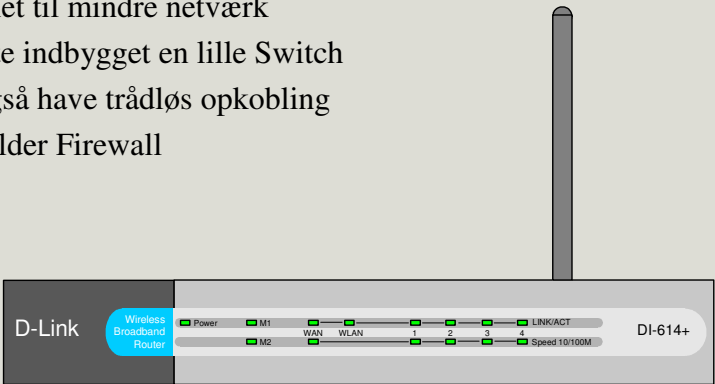
Afsnit 11 - SOHO-router med NAT & PAT

The image shows a D-Link DI-614+ SOHO Router. It is a white, rectangular device with a single antenna on the right side. The front panel features a power button, a power LED, and several status LEDs for WAN, WLAN, and four LAN ports (labeled 1, 2, 3, 4). A 'LINK/ACT' LED is also present. The text 'D-Link Wireless Broadband Router' is printed on the left, and 'DI-614+' is on the right. The router is shown against a light gray background.

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SOHO Router

- SOHO – Small Office Home Office
- Beregnet til mindre netværk
- Har ofte indbygget en lille Switch
- Kan også have trådløs opkobling
- Indeholder Firewall

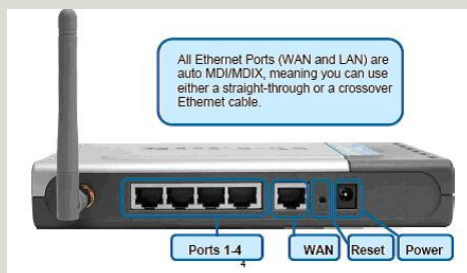


D-Link DI-614+ SOHO Router – Set forfra

The image shows the same D-Link DI-614+ SOHO Router as in the first slide, but with a list of features to its left. The router is shown from a slightly different angle, highlighting its front panel and antenna. The text 'D-Link Wireless Broadband Router' and 'DI-614+' are visible on the device. The background is light gray.

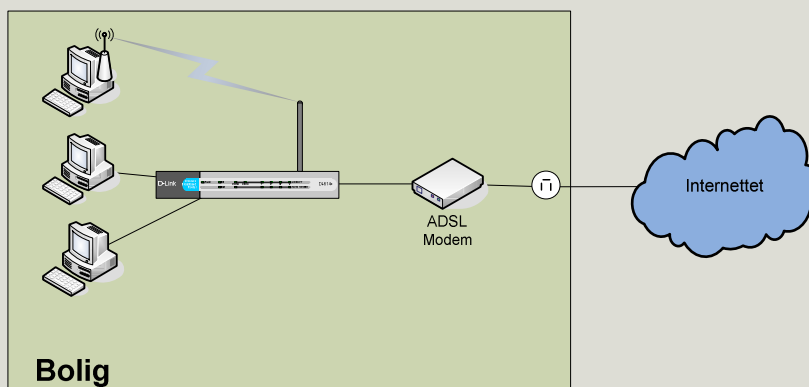
SOHO Router tilslutning

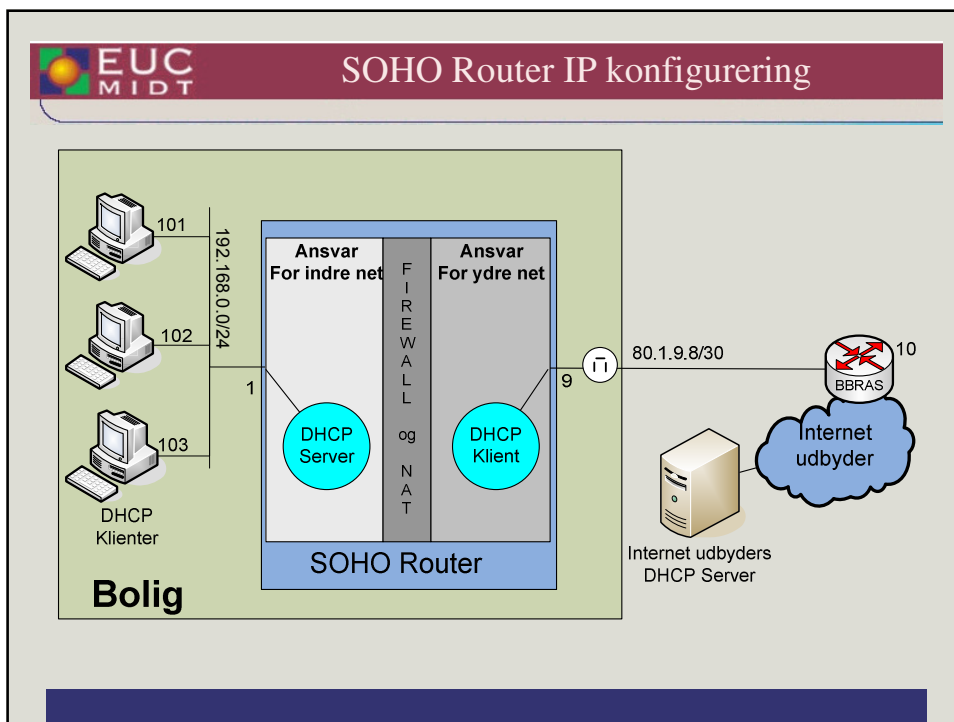
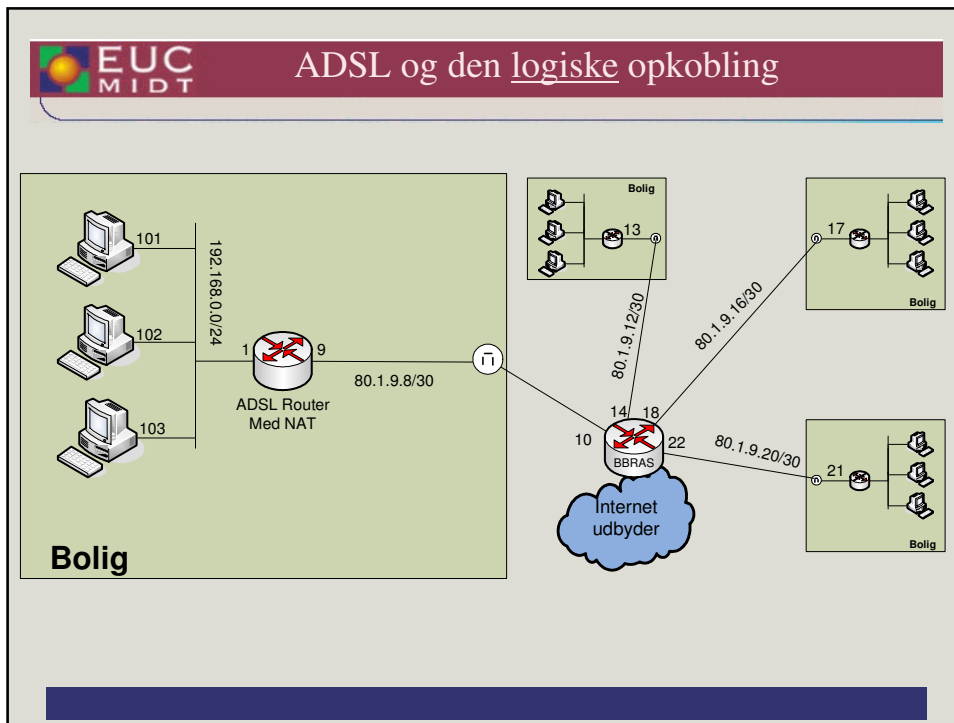
- Indbygget 4 ports Switch til lokalnet – også kaldet Indre Net (Bag firewallen)
- Indbygget trådløs Access-Point til lokalnet.
- Tilslutning til ADSL modem med WAN-port



D-Link DI-614+ SOHO Router – Set bagfra

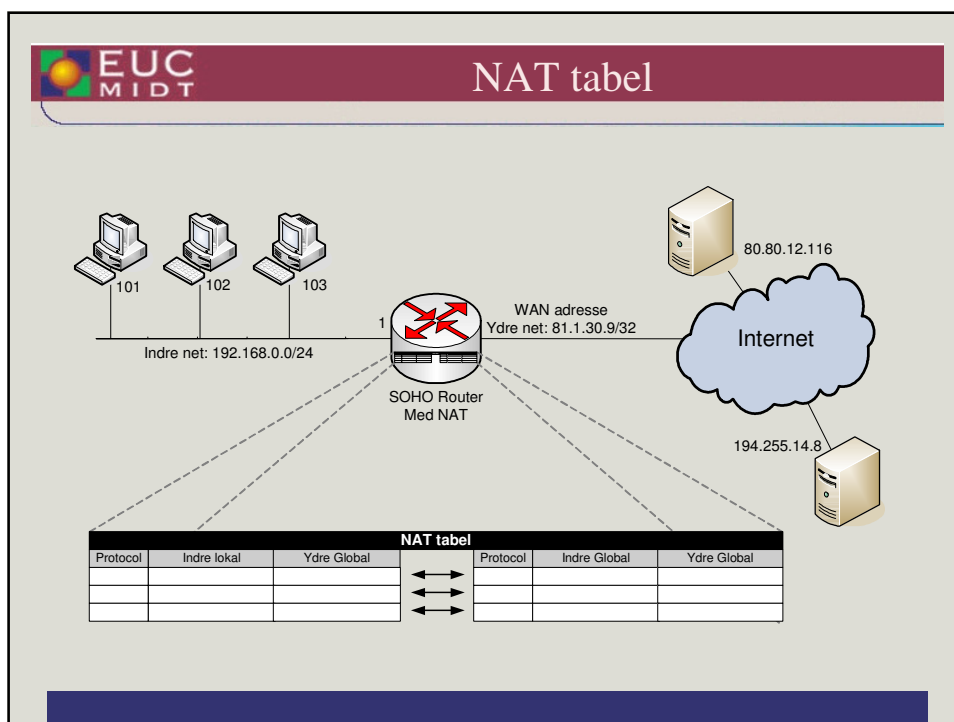
ADSL og den fysiske opkobling

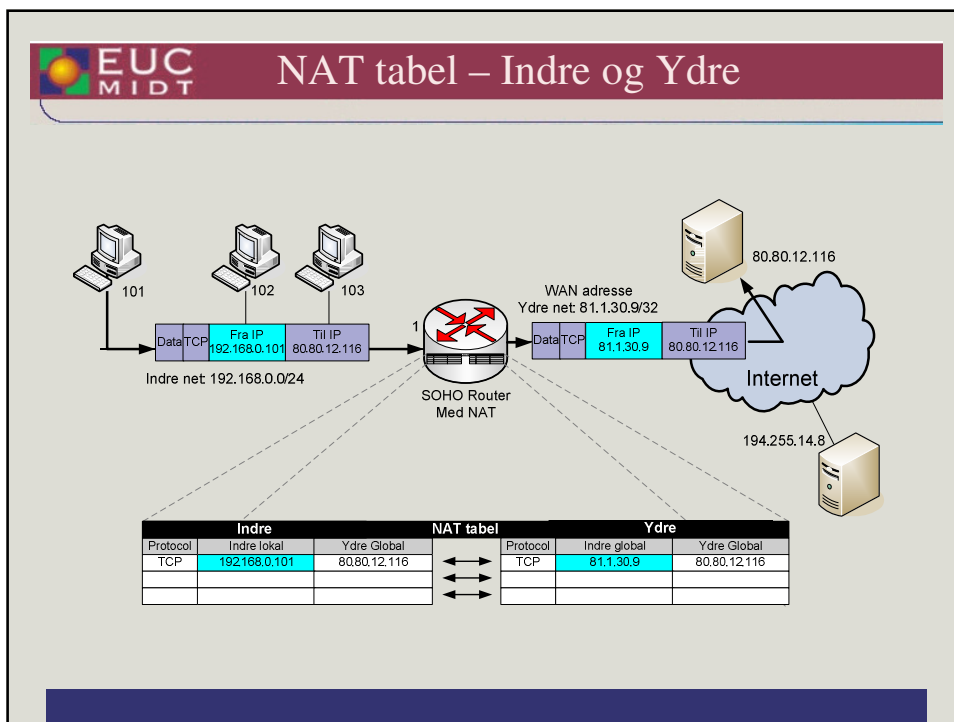
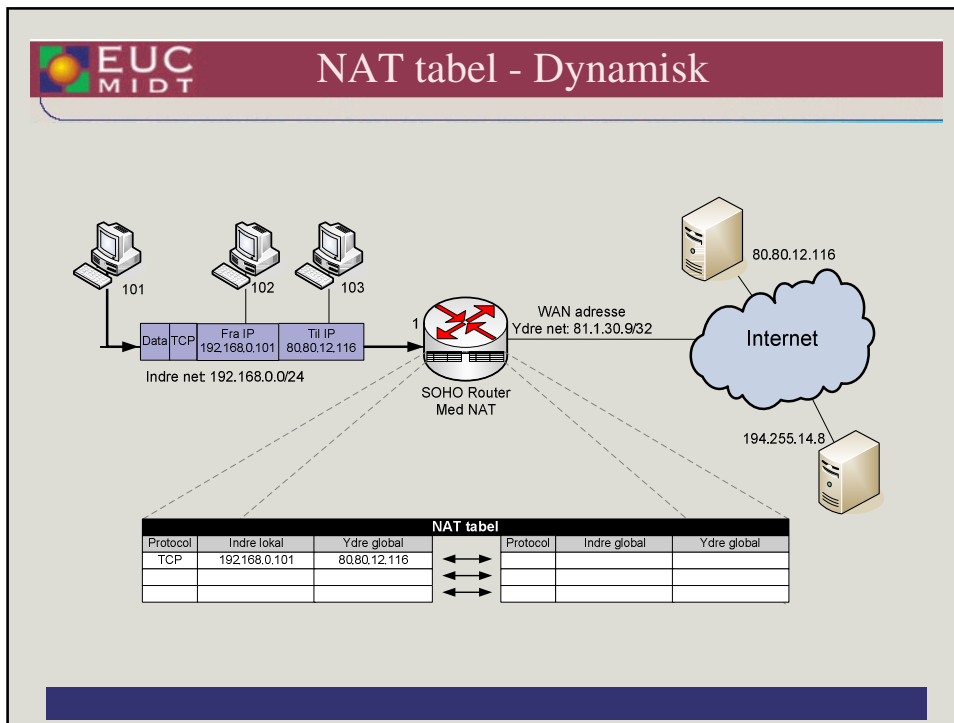


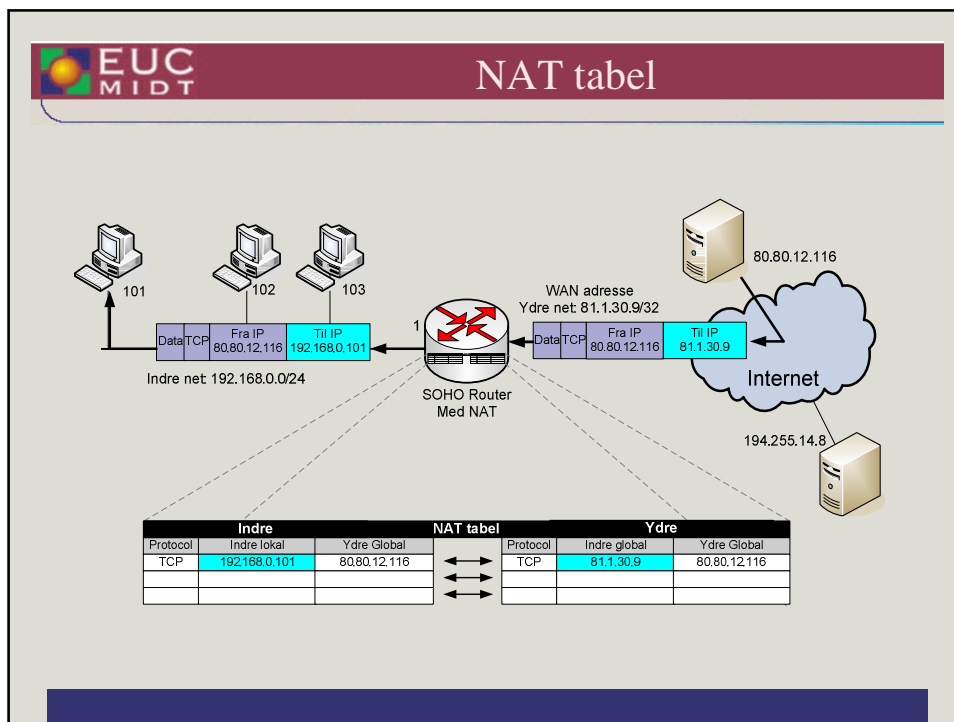


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NAT

- NAT: Network Address Translation
 - Oversætter IP adresser fra Indre net til IP adresse på Ydre net (WAN)
 - Private IP adresser benyttes oftest
 - 10.0.0.0/8
 - 172.16.0.0/12
 - 192.168.0.0/16
 - NAT skjuler det Indre netværk







- ### EUC MIDT NAT med PAT
- PAT: Port Address Translation
 - TCP og UDP anvender port numre
 - NAT/PAT software holder rede i forbindelser på:
 - Protokol (fx TCP)
 - Indre lokal IP (fx. 192.168.0.101)
 - Indre lokal port(fx. Port 1152)
 - Ydre global IP (fx. 80.80.12.116)
 - Ydre global port (fx port 80)
 - De fem parametre skal være unikke
 - Både på Indre og Ydre net

