



# German Bundeswehr: Current Status IPv6

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## Current Status: Address Space



### TODAY:

National IPv4 address plans with

- a limited number of public addresses and
- private re-use of public Internet address space

result in overlapping, thus, in conflicting address plans obstructing interoperability.

- Used technique: Network Address Translation (NAT) – a NAT gateway (not allowing the flexibility of dynamic scenarios) must be placed at each domain interconnection point.

### Near FUTURE:

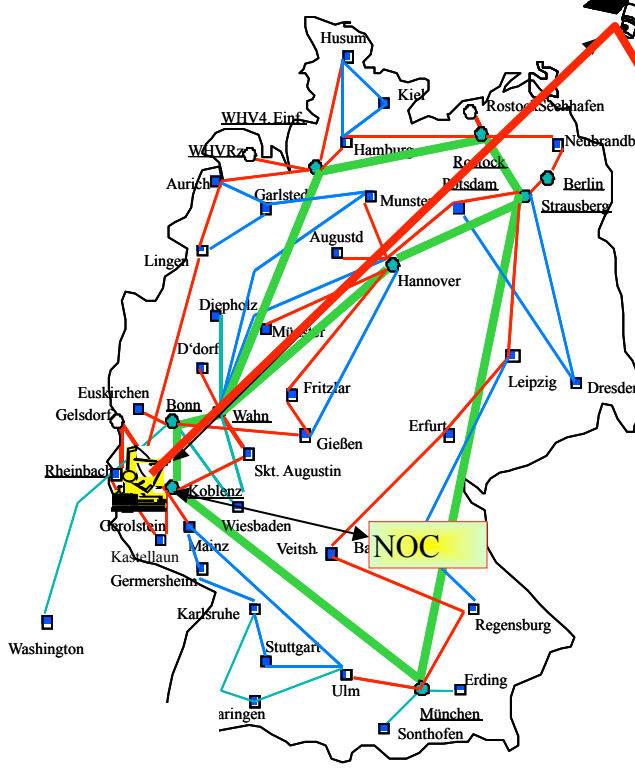
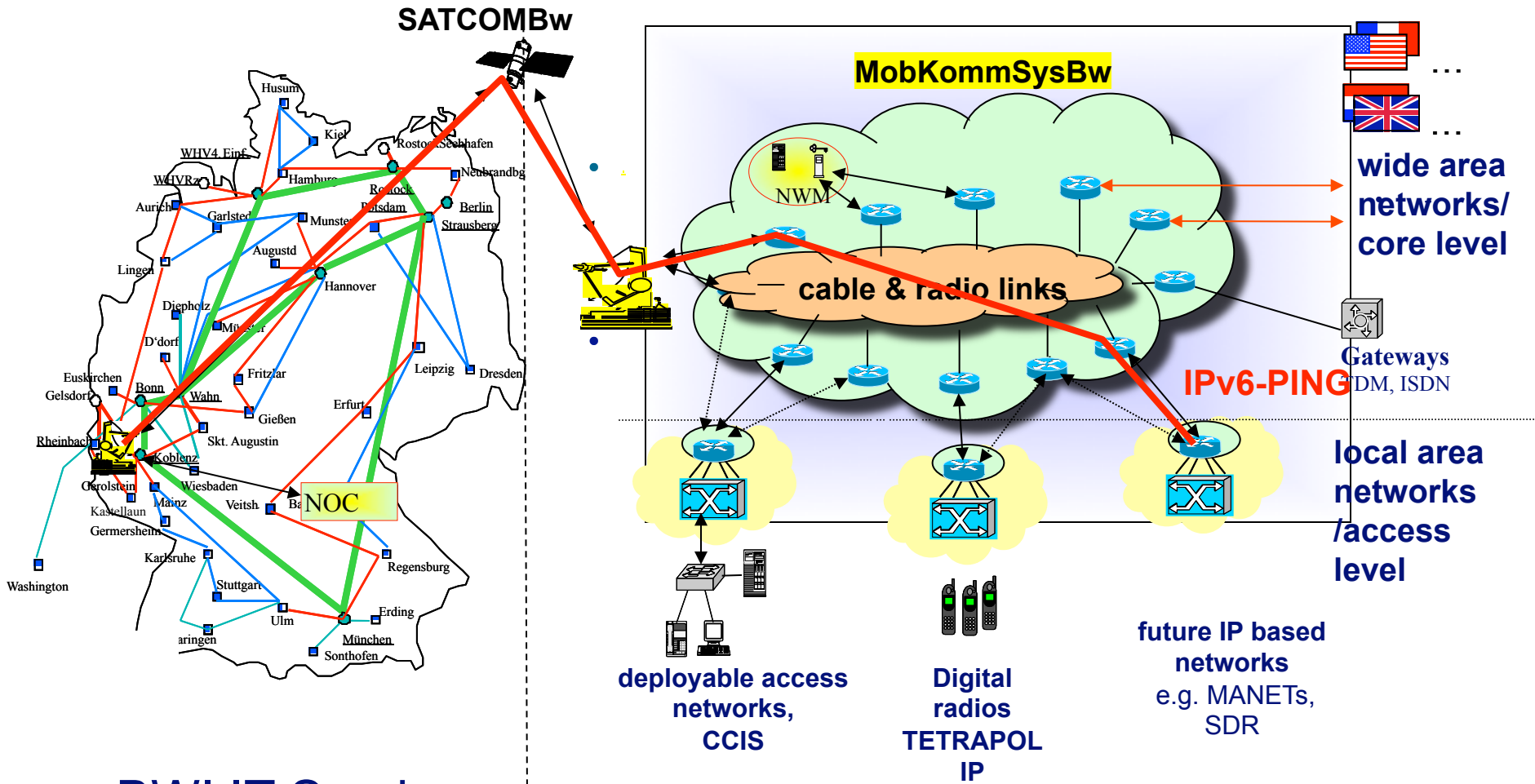
Domain name service concepts that will last into the future

De-conflicted address plans using global IPv6 addresses provide for

- seamless communication
- including secure end-to-end connectivity between information systems.



# Current status: 1st IPv6 Ping



BWI IT Service  
(Contractor)

Bundeswehr