

**ENTWURF, ERRICHTUNG, BETRIEB
VON DATENNETZEN**

VU 184.149

**Dr. Manfred Siegl
m.siegl@citem.at**

www.citem.at

NETZMANAGEMENT

„Was erwartest Du vom Netz?“

„Das es immer gut funktioniert.“

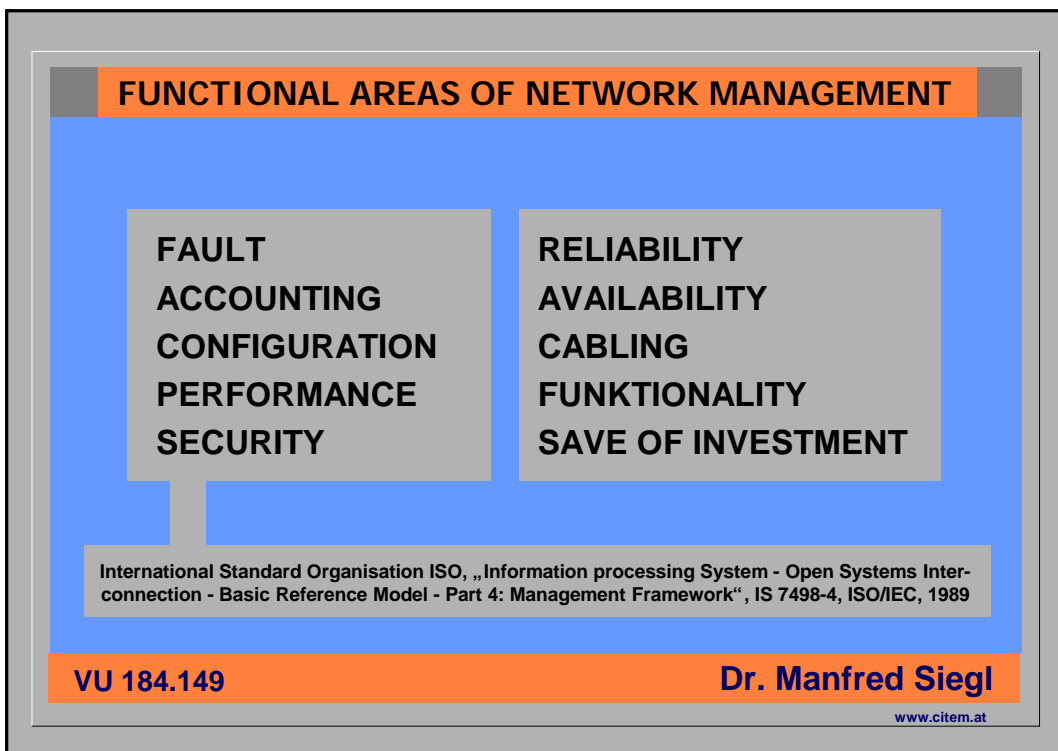
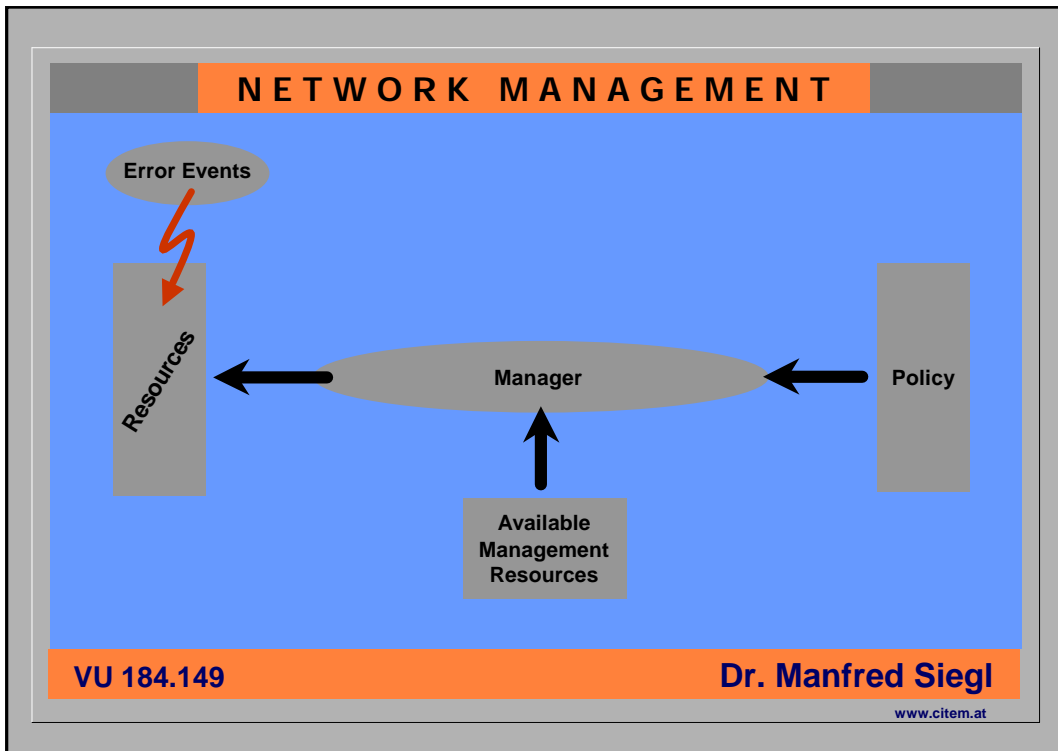
„In Wirklichkeit sind wir alle abhängig von Euch.“

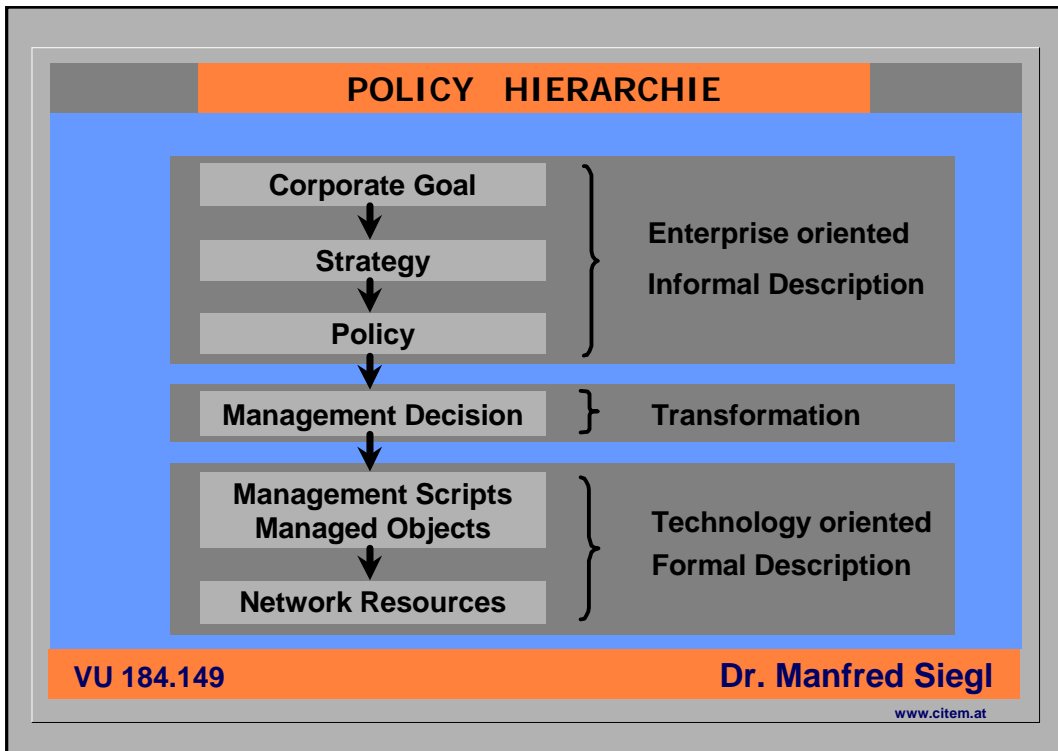
**„Wenn das Netz nicht funktioniert,
funktioniert gar nichts.“**

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KLASSIFIZIERUNG DER ZEITLICHEN ANFORDERUNGEN

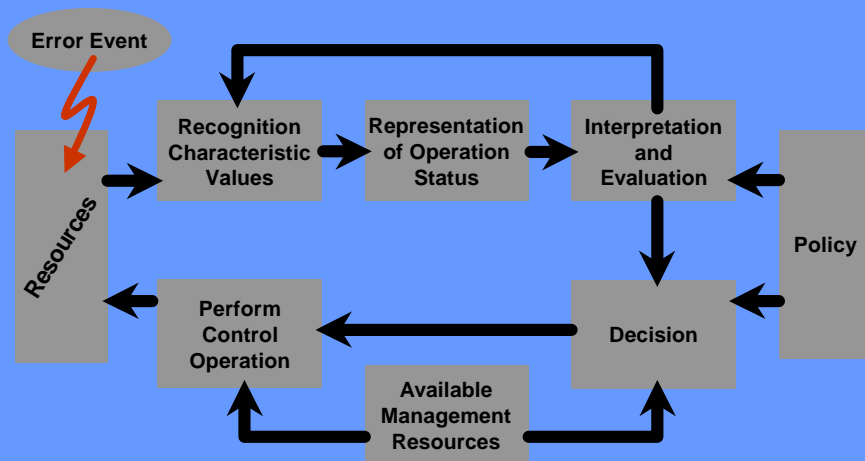
- **Isochron** konstante Verzögerung
keine Verzögerungsvarianz
- **Synchron** beschränkte Verzögerung
Verzögerungsvarianz erlaubt
- **Asynchron** keine Beschränkung der Verzögerung
und der Verzögerungsvarianz

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NETWORK MANAGEMENT ACTIVITY LOOP



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ENTITIES OF SNMP

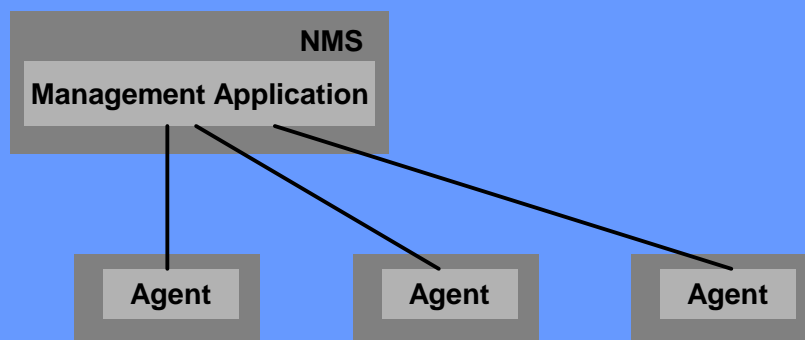
- ⇒ Management Information (MIB)
- ⇒ Managed Node (Agent)
- ⇒ Management Station (NMS)
- ⇒ Management Protokoll (SNMP)

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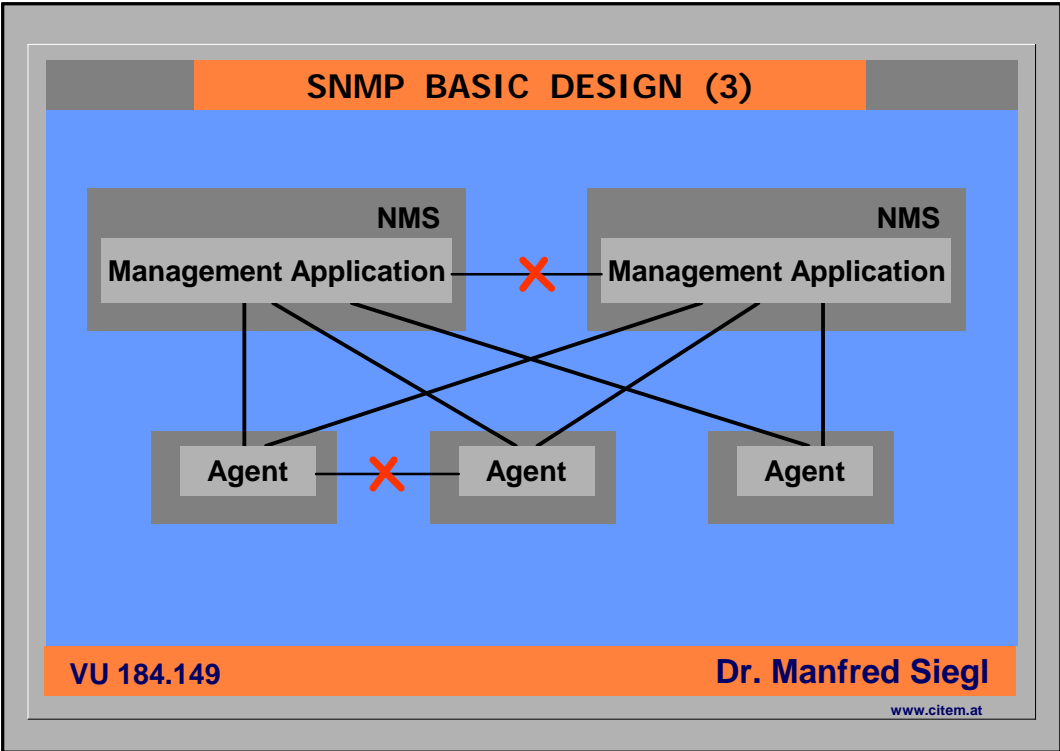
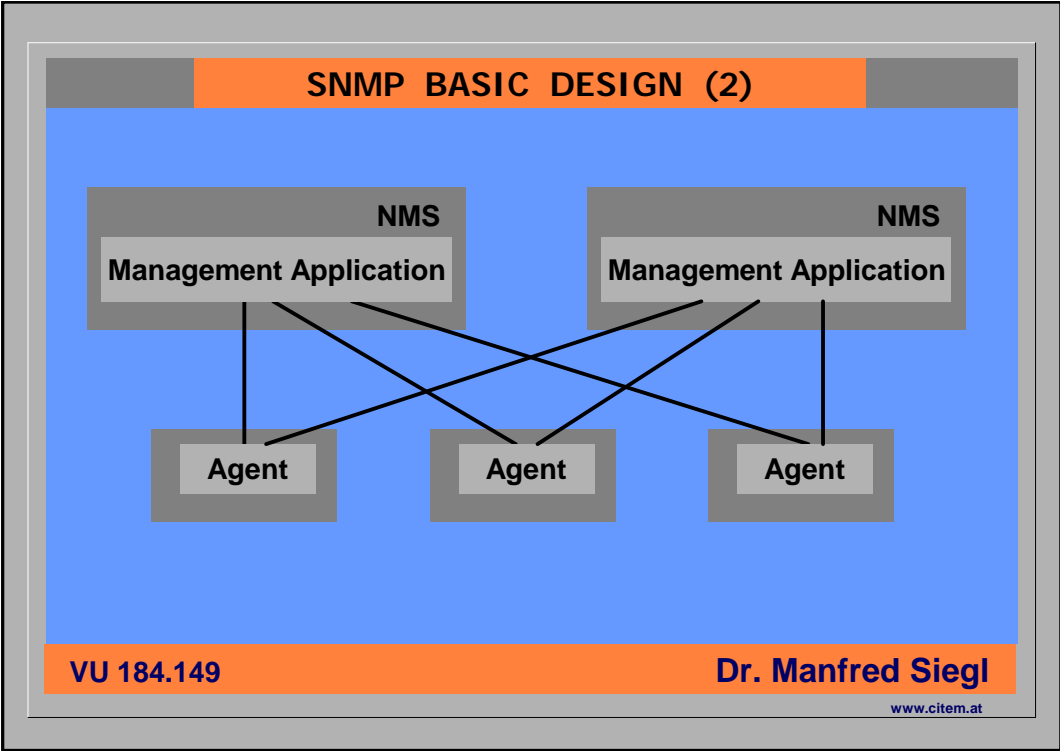
SNMP BASIC DESIGN (1)

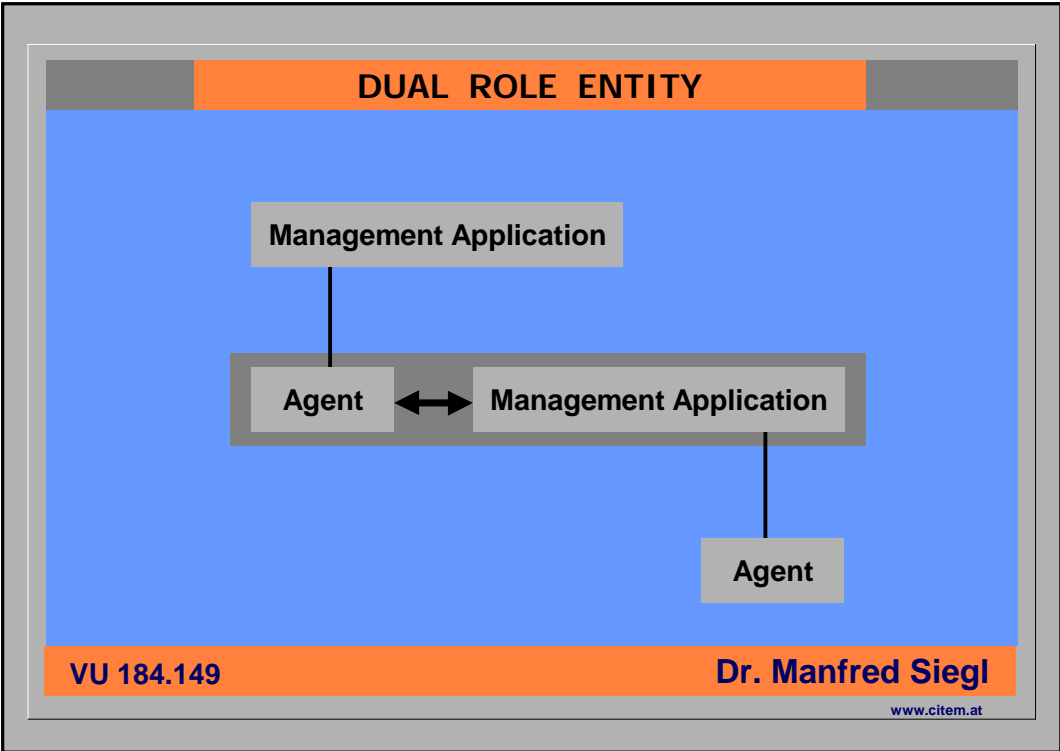
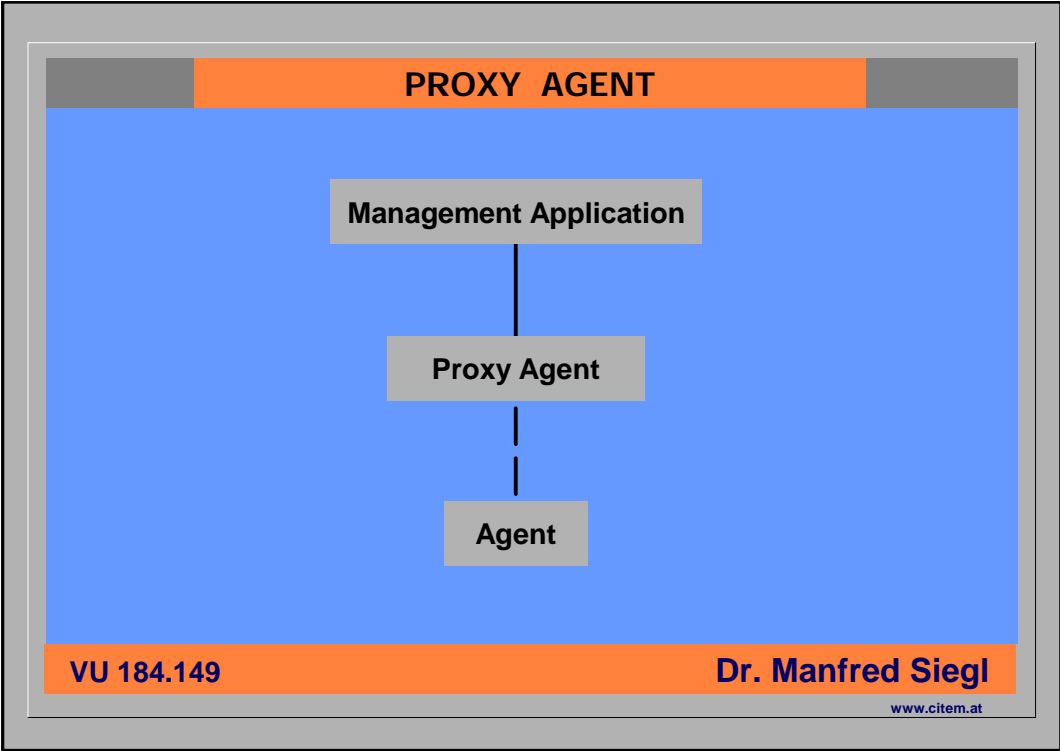


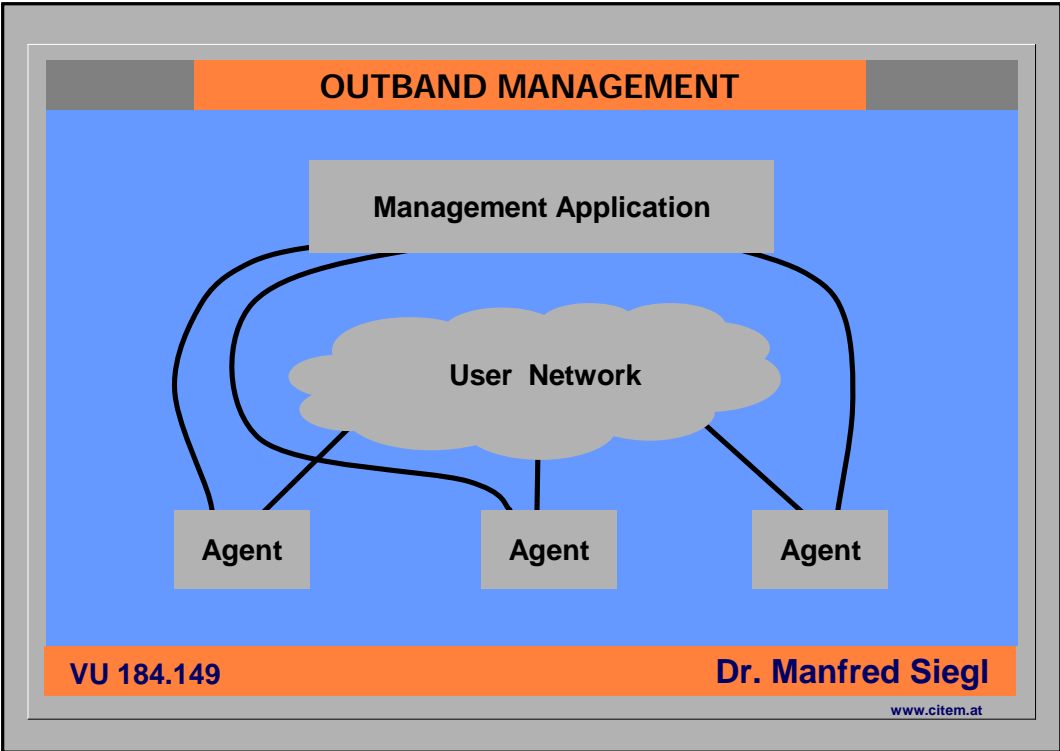
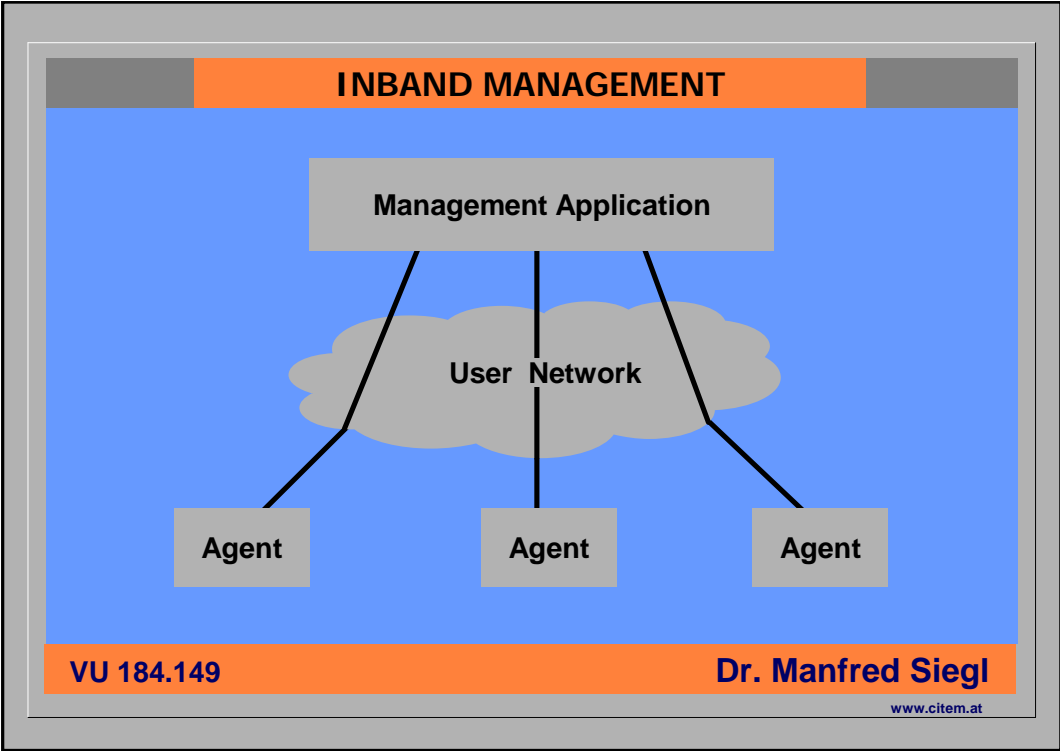
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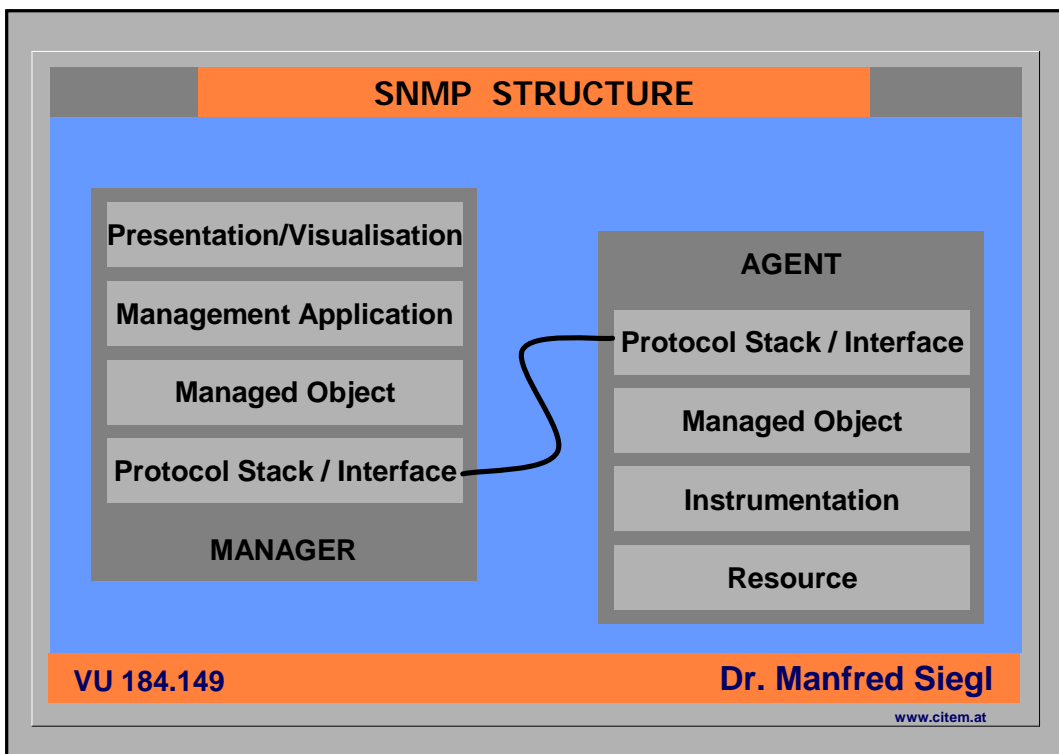
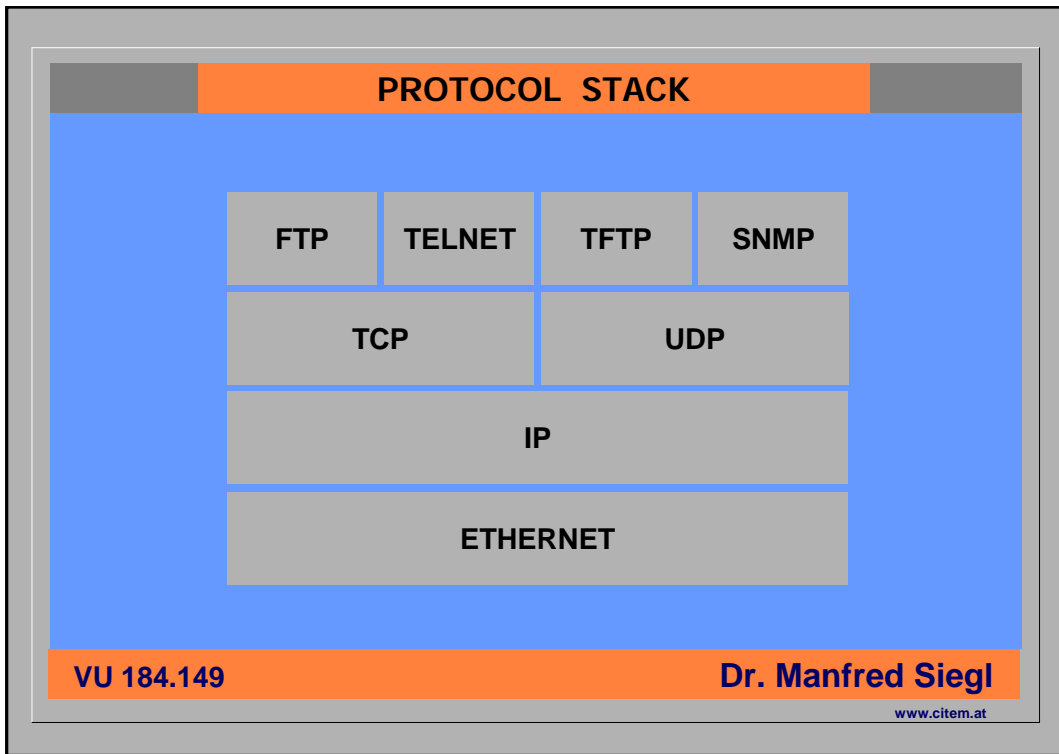
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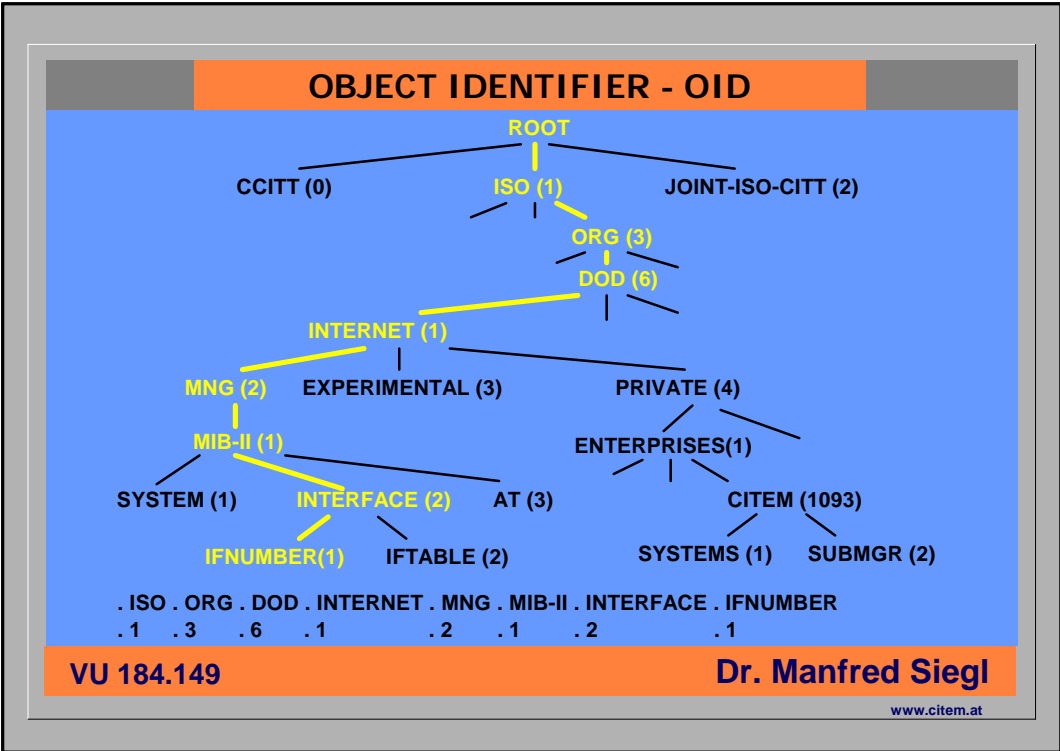
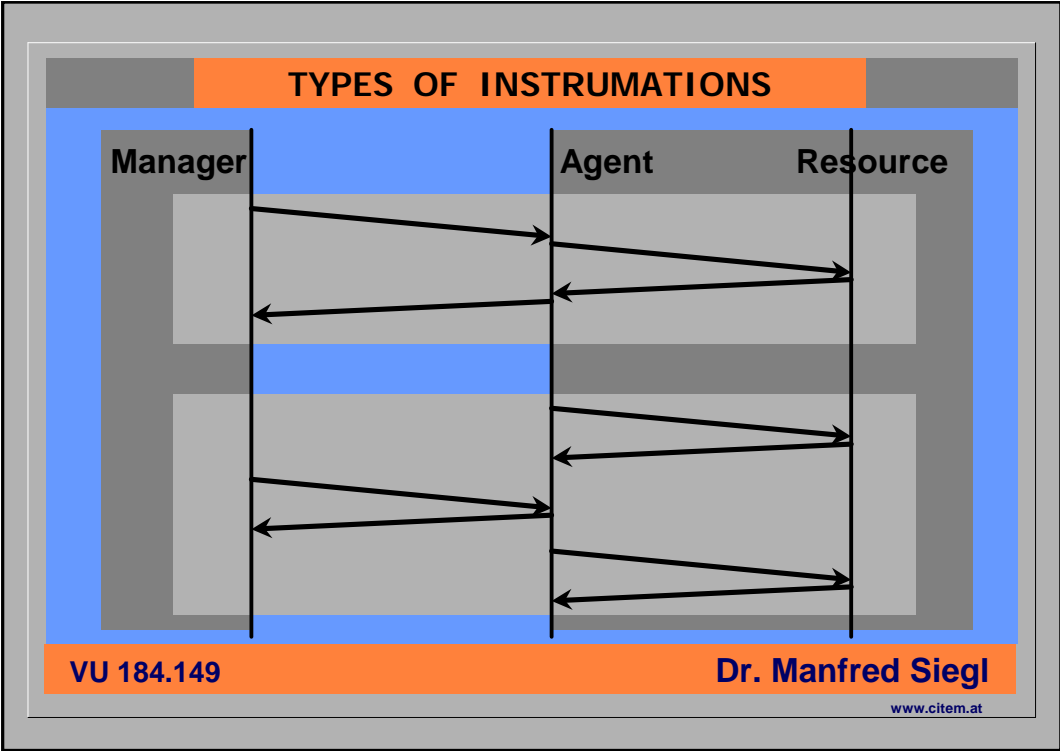
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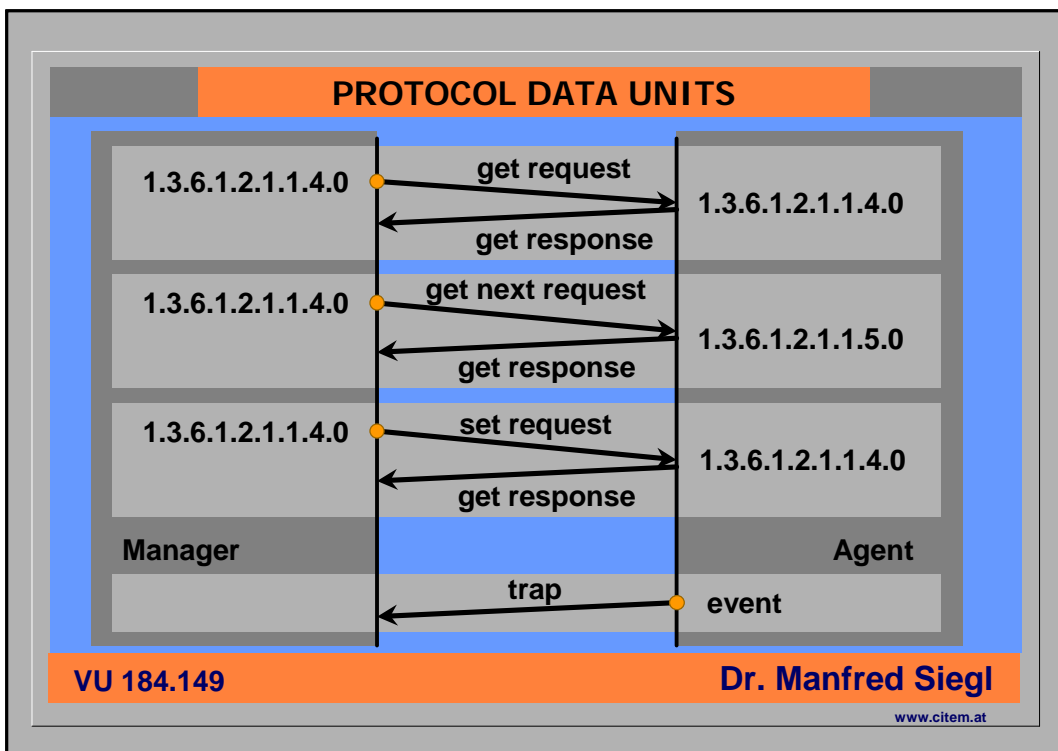
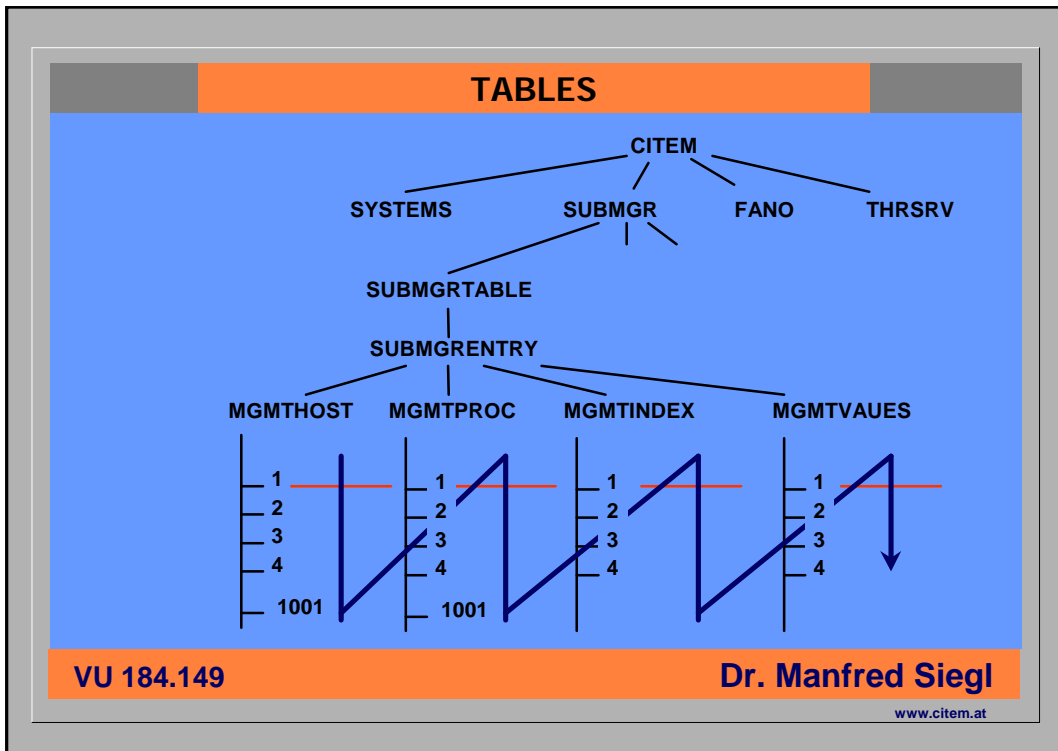












ACCESS RIGHTS

READ-WRITE

READ-ONLY

READ-CREATE

WRITE-ONLY

WRITE-CREATE

NOT-ACCESSIBLE

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