

# A Constraint-Oriented Service Creation Environment

Bernhard Steffen\*, Tiziana Margaria\*,  
Andreas Claßen\*, Volker Braun\*,

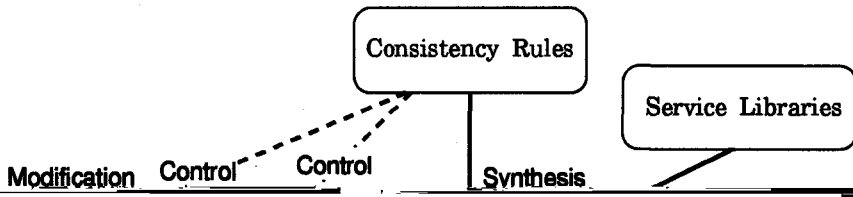
Intelligent Network (IN) services are customized telephone services, like

e.g., 1) 'Free-Phone', where the receiver of the call can be billed if some

conditions are met, 2) 'Universal Private Telephone', enabling groups of customers to define their own private net within the public net, or 3) 'Part-

Our environment is used for the reliable, aspect-driven creation of tele-

phone services in a 'divide and conquer' fashion: initial prototypes are suc-



very flexible *access control mechanism*, by allowing designers and service

providers the definition of customer specific views with restricted modi-

fication potential. Views provide in fact a natural division of the central

design process (2nd step) into levels. In particular this allows us to tailor