



TINA Conference 2000

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Comments as a Network Operator Member

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DT's TINA involvement



Deutsche Telekom contributed actively to TINA:

- Founding member of TINA Consortium
- Two core team members:
Hendrik Berndt, Anastasius Gavras
- Auxiliary Project: Personal Communication Service
- Participation in the Worldwide Demonstrations
- Participation in Research Programs: EURESCOM
- Focuspoint of company's R&D programme
- Contributions to standardisation bodies

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TINA achievements



Valuable achievements from DT's point of view:

- Introduction of IT technologies and methods into telecommunications - **object oriented middleware**
- Definition of an Open Service Marketplace business model - **Reference Points**
- Definition of a Service Architecture - **reusable components**
- Session Concept - **Common Service Access**
- Service subscription - **"single sign on" concept**
- Integration of legacy systems - **gateways**
- Standards - **ITU-T Z.120 "ODL", OMG "TSAS"**

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TINA failures

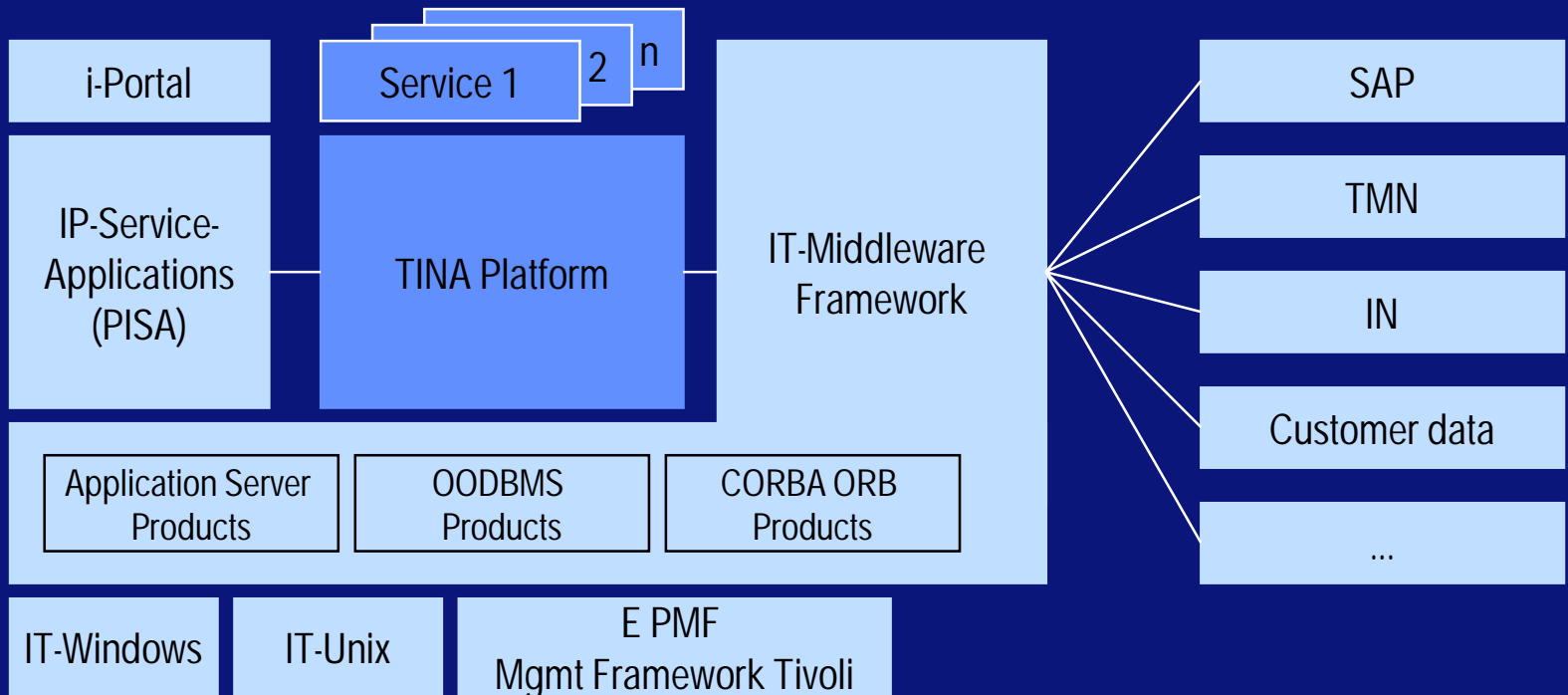


What was not achieved?

- Convincing answers to the upcoming Internet - **Network Resource Architecture failed**
- Integration of traditional networks - **that's now Parlay**
- Sufficient vendor support - **products are still missing**
- Early market adoption - **evolving new products, e.g. Application Servers**
- Sufficient standardisation activities

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TINA Platform as an integrated part of DT's Services-Platform



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First service realisations



Areas of possible TINA application:

- Common Service-, Resource- and Customer Management
- Telecom Service platform - not mature yet

First DT 's TINA-based service realisations:

- Customer Self Service -
configuration of PSTN services
- Internet Subscriber Controlled Input -
Internet-based access for the configuration of network services

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Conclusions



- TINA was very important for the IT/Telecom convergence
- TINA did not convince manufacturers
- TINA is still very useful in the areas of service, resource, and customer management
- TINA input to standardisation bodies, e.g. OMG, ITU-T, 3GPP

TINA: TINA Is Now Alive