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Betreff: Pricing and Architecture of the Internet: Historical Perspectives from
Telecommunications and Transportation
FYI: Highly recommended reading!

<http://www.dtc.umn.edu/~odlyzko/doc/pricing.architecture.pdf>

In his essay, Prof. A. Odlyzko examines the future carrier-grade Internet architecture (what we would call the next generation network) under economical aspects. He looks into the issues of transport vs. service providers, service-based charging and the impact on the open, end-to-end principle of the Internet architecture, the role 3G/mobility plays, VoIP.

He analyzes the role of price differentiators by presenting examples from history in the area of transportation industry and how differentiated pricing has changed the business. He concludes with some perspectives of today's and future telecom.

"... the networking industry [has] devoted inordinate efforts to technologies such as ATM and QoS, even though there was abundant evidence these were not going to succeed. One can go further and say that essentially all the major networking initiatives of the last decade, such as ATM, QoS, RSVP, multicasting, congestion pricing, active networks, and 3G, have turned out to be duds. Furthermore, they all failed not because the technical solutions that were developed were inadequate, but because they were not what users wanted."

Many more interesting thoughts are in the essay.



pricing.architecture
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With kind regards

Mit freundlichen Grüßen

Martin Euchner.

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