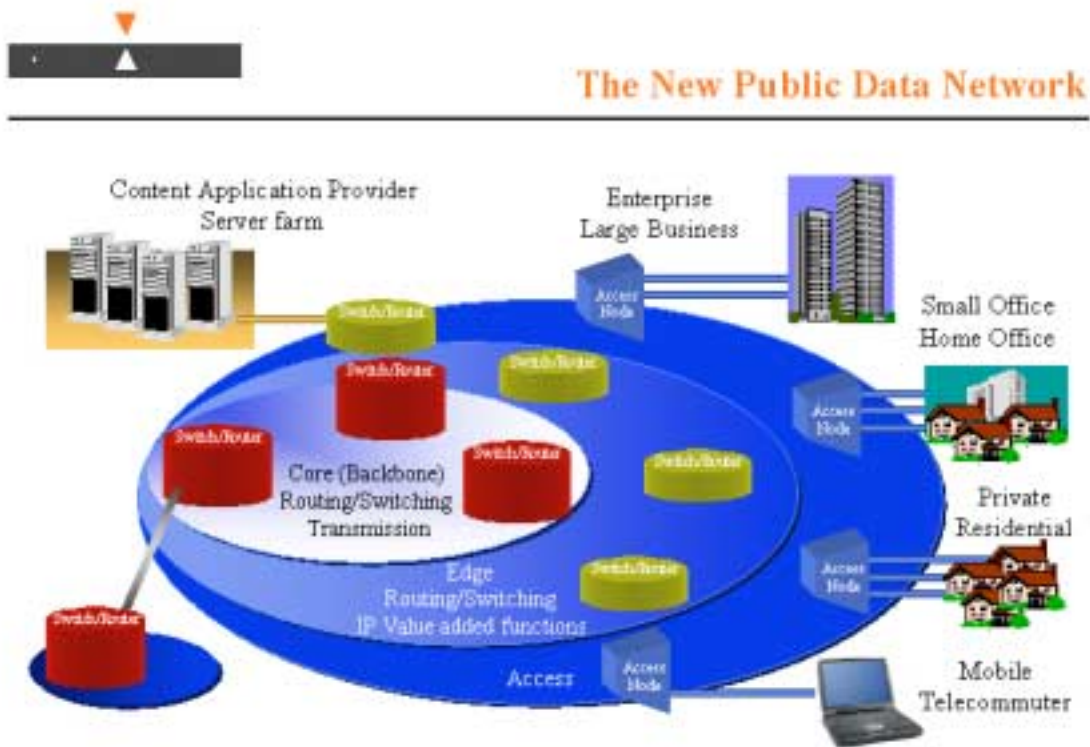


Besuch des Multimedialabors bei Alcatel

Der Besuch fand am 1. 2. 2000 statt.

Im Zuge dieses Besuches wurden uns einige Konzepte und Vorstellungen von Alcatel anschaulich gezeigt. Folgende Darstellungen sind aus einer entsprechenden Alcatel Präsentation entnommen:

The New Public Data Network



High-speed Internet



Basic Features

- 1. **Fast Access to Internet Services**
 - ATM-based backbone and ADSL access
 - Dial-up access as intermediate solution for immediate deployment
 - Effectively creates high-speed "Intranet"
- 2. **Value Added Services**
 - Easy migration to other offer packages (Kiosk Systems, Video Web, Internet-TV)
 - Alcatel VAS pack
- 3. **Provision of Infrastructure**
 - High-performance platform for content providers
 - "High-speed" connection for other server operators
 - Standard network interfaces for clients and server

Target Customers



Telcos

- Enhance existing dial-up infrastructure
- build ADSL infrastructure

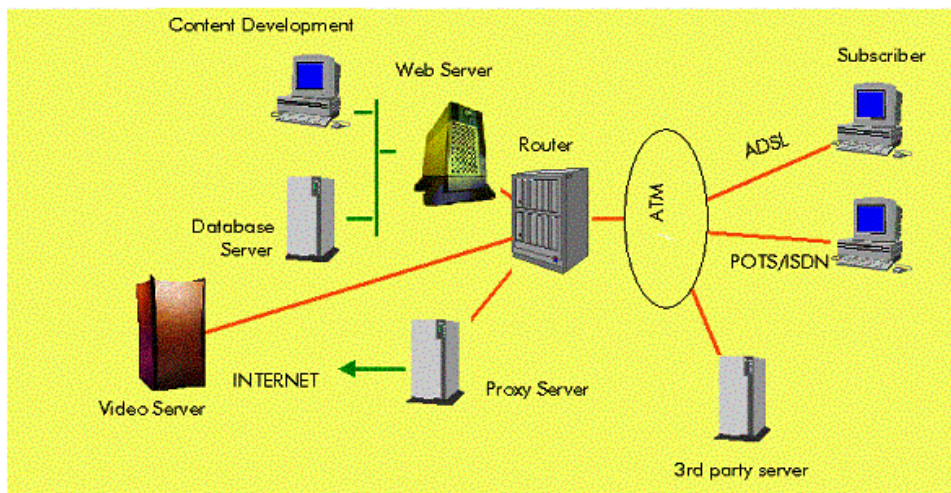
Target End-Customers

- Internet subscribers (households, SOHO, even large companies)
- Content providers (changing from their old provider)
- Server operators (getting a "Fast Internet Server connection")

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Hi Speed Internet - Overview



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Digital Video Broadcast



Basic Features

- t **Video Broadcast on Telco infrastructures**
 - ATM-based backbone and ADSL access
 - Switched ATM-point-to-multipoint connections for digital video
 - Effectively enables Telcos to provide TV-Broadcast services
 - Fully Web-based
- t **Migration path**
 - Easy upgrade to Hi-speed Internet possible
- t **Provision of Infrastructure**
 - High-performance platform for content providers
 - Standard network interfaces for clients and server

Customers

Telcos

- compete with Cable-TV operators in their incumbent business
- add value to ATM infrastructure

Corporations and Organisations

- enhanced communication on intranet

Target End-Customers

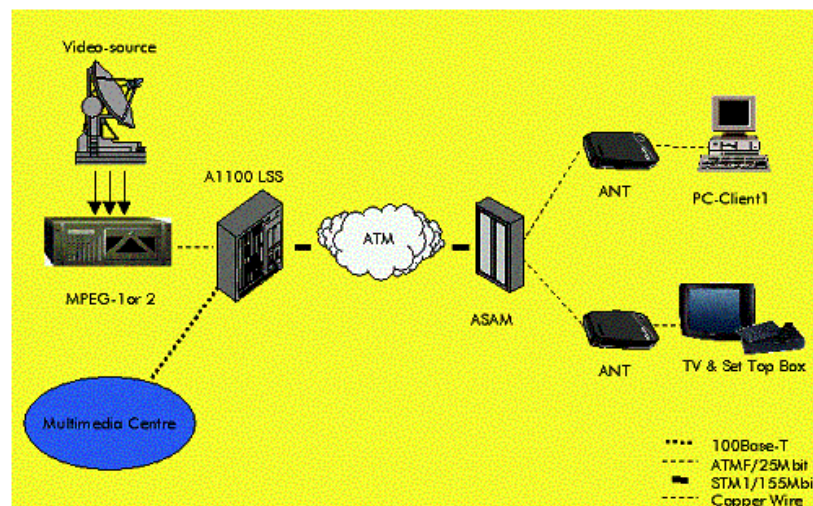
- Residentials (Set-Top Box)
- Computer Based Training
- Corporations („Business TV“)
- Content Provider (new distribution channel)



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Video Broadcast - Overview

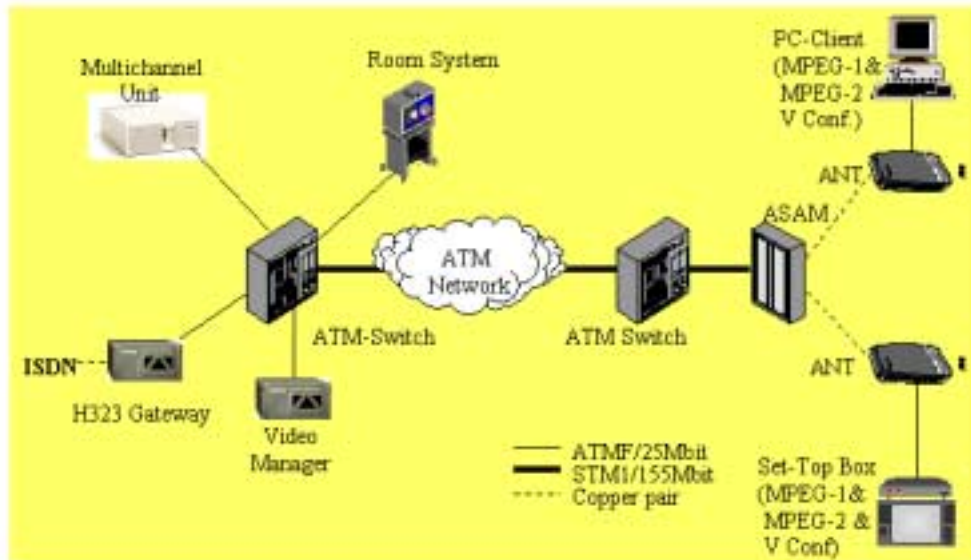


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Video Conferencing



Video Conferencing - Overview

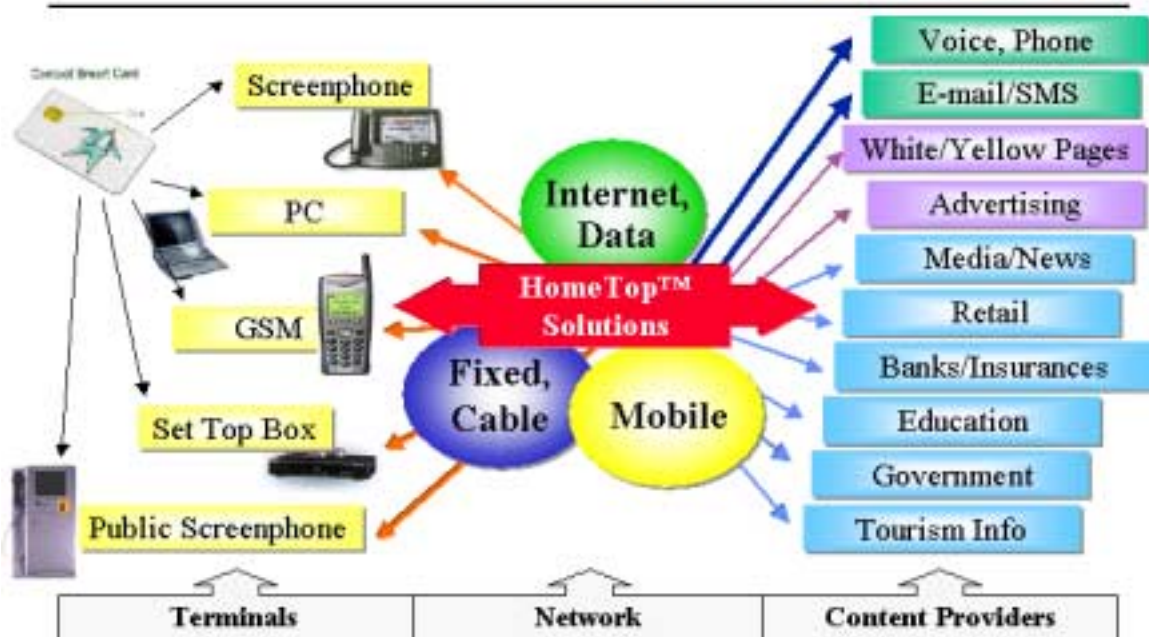


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HomeTop™ Solutions



HomeTop™ Solutions in the network



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Kiosk Systems



Kiosk System - Basic Feature

- t **Multimedia Information System for Public Audience**
 - easy-to-use interactive terminals
 - attractive, new ways of communication (sound, video)
 - Standard technology for terminals ("Wintel" PC, Web-Browser as central display agent)
- t **Internet-based Architecture**
 - Standard "Web-technology" for application development
 - Enhanced by streaming video (full-screen, full-motion)
 - Easy integration into existing infrastructure (e.g. customer database, on-line booking, ...)
- t **High-speed LAN/WAN needed**
 - ADSL/HFC & Ethernet (for "cross-country")
 - ATM & Ethernet (for buildings and sites)

Schematic Overview

