



at&t

Fixed Mobile Convergence

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Key Concepts for Converged Services

Voice / Data / Messaging

Converged

- Phones / devices having a common feature set, melding wireline and wireless enterprise capabilities
- Implemented via an IMS-enabled application server which controls both the wireline and wireless user experience
- Protect customers' investments by providing reliable, scalable access wherever users are

Dual Access

- One device able to use multiple access networks, typically WiFi and cellular (e.g., GSM)
- Not integrated, manual access network selection

Seamless

- Ability to roam across different access networks - cellular, WiFi and wireline - without dropping the connection or losing features / functions / call context
- IMS enabled 'mobility server' manages automatic handovers

Convergence – Enterprise Environment



Voice Handsets



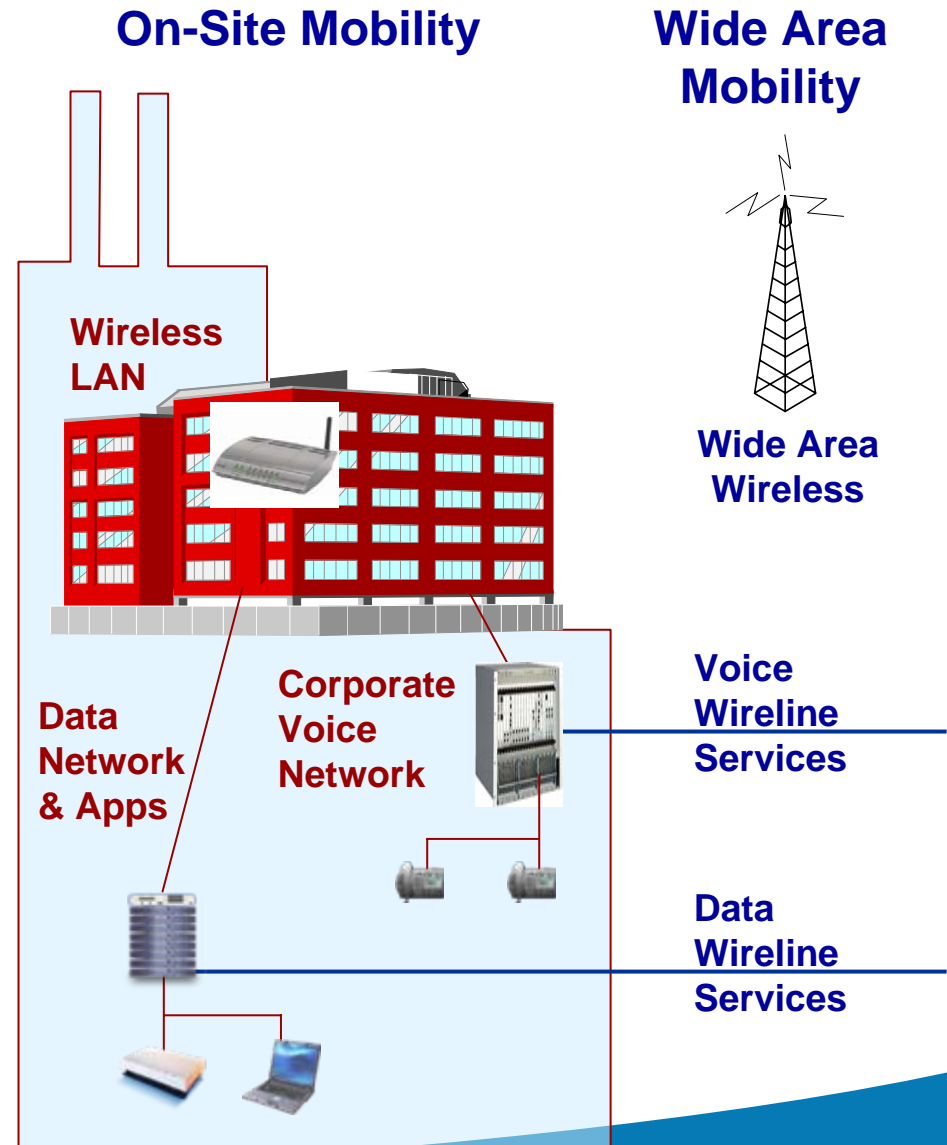
Productivity platforms



Industrial Devices

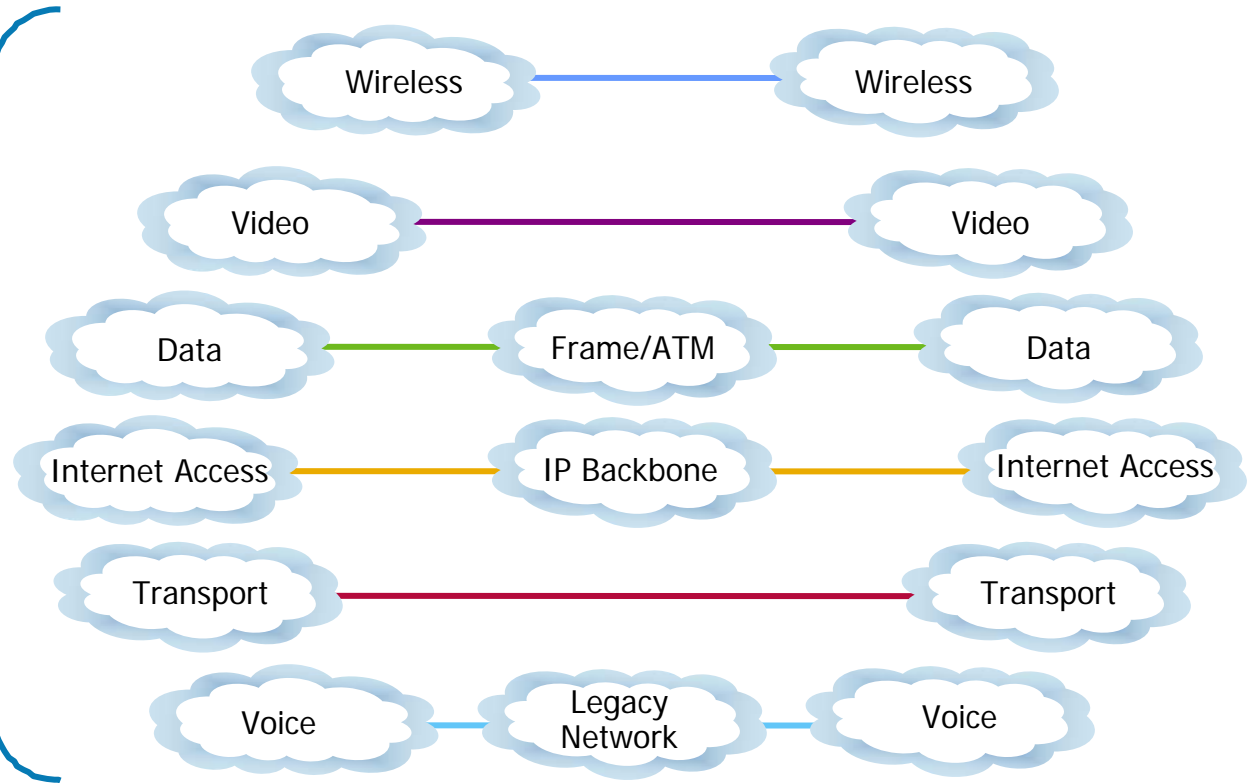


Converged Devices



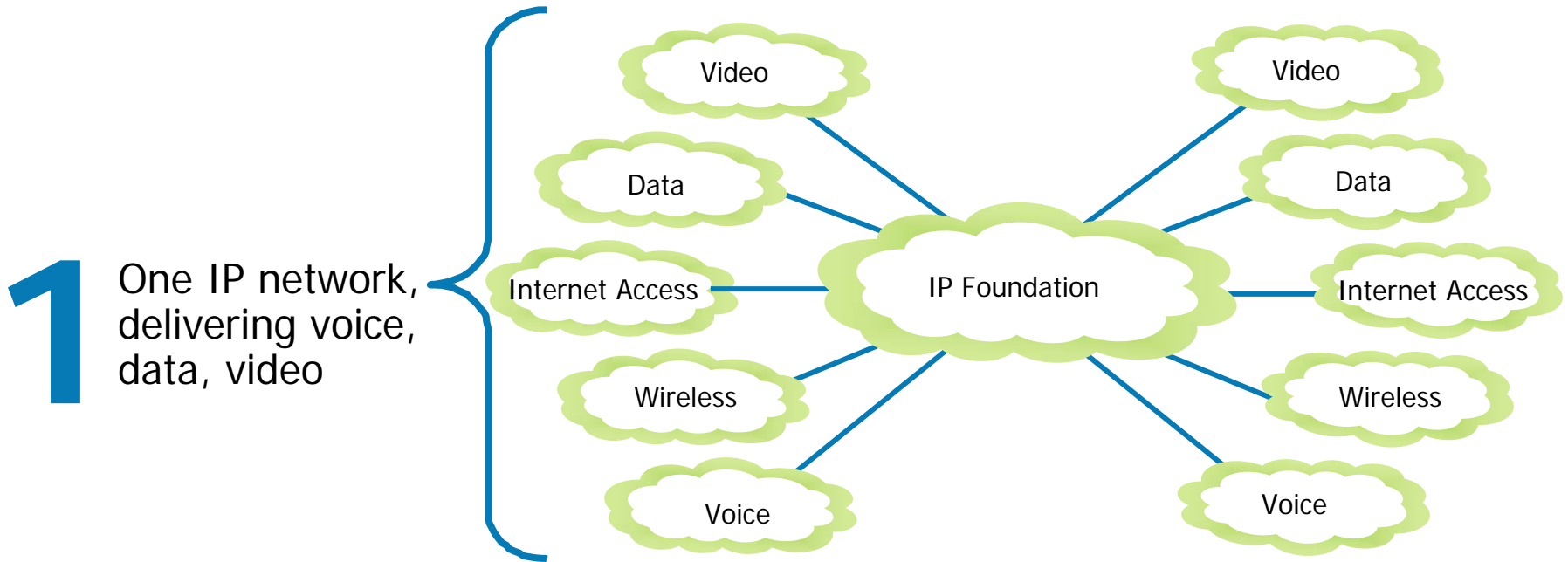
Delivering the IP Future

Today: Multiple, service-specific networks



Tomorrow's Network

New Services, Lower Operational Costs

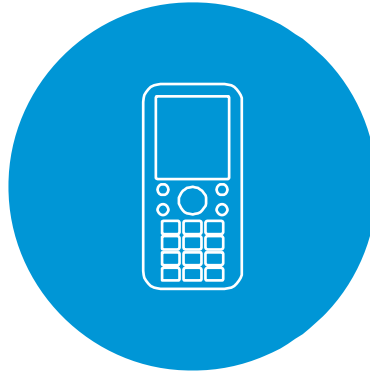


Enables integrated applications

Lowers costs

Increases network efficiency

Three-Screen Convergence



The three critical screens

Integration of wireline and wireless
IP networks

Driving Converged Communications



Anytime, anywhere
access to communications
and entertainment
services on **any device**

Moving **mass-market**
access to IP

Expanding **wireless**
leadership



IMS: Platform for the Future

IMS is a standardized reference architecture that consists of session control, connection control and an applications services framework along with subscriber and services data.

Fixed Mobile Convergence Solutions Roadmap

- Long Term Vision - IMS (IP Multimedia Subsystem) based solution with unique value added capabilities not found in standard offers (i.e. auto callback, custom applications, etc.), that blends wireline and wireless networks for ubiquitous access to advanced applications.



- Near Term Focus - Solutions that blend wireline office functionality with wireless devices.

- Single number / Single voice mail / PBX feature extension
- Call control (i.e. find me/follow me)
- Wireless access to wired applications (i.e. corporate directory)
- Integration with PBX &/or Centrex via mobile client app

A New Definition of Collaboration

- Dynamic Network Applications
- Multi-modal
- Ubiquitous
- Device independent
- Intelligent and integrated
- Delivered in New Ways
- Predictive
- Personalized
- Global
- Highly Secure
- Delivering New Efficiencies
- Improved business performance
- Enhanced corporate agility
- Increased operational control
- Strengthened security

