

Content Delivery Services

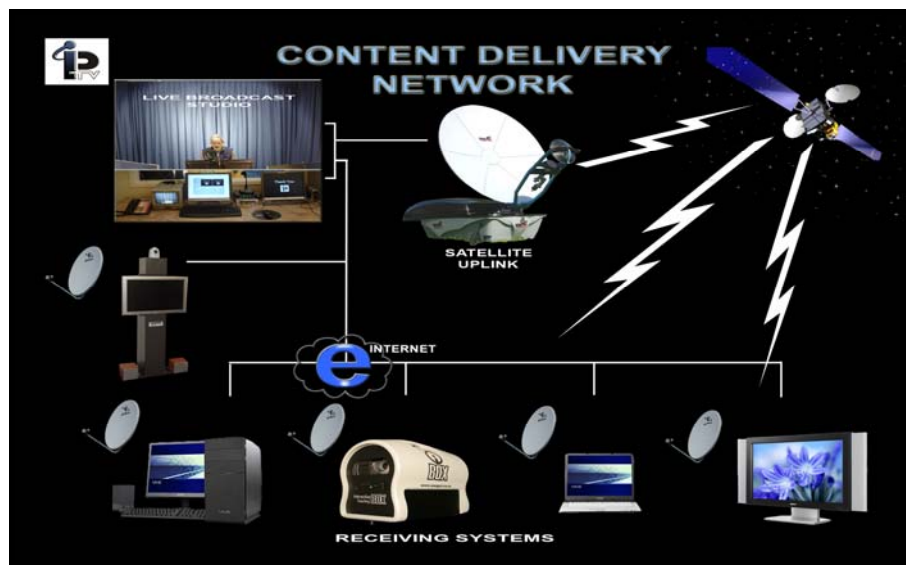
What is CDN?

It's a policy for the reduction of traffic in the WAN (Internet / Intranet / Extranet) through a parallel network based on Storage Nodes managed by intelligent redirection protocols.

It's mandatory when Customers need to build new applications where bandwidth costs "eat" 100% of the budget. Distance learning, multimedia corporate communication, database replication, software distribution are the killer applications.

In Africa, and other developing regions, satellite is today the most flexible and least expensive media to support CDN because marginal bandwidth costs for every new node is equal to "zero".

Moving contents (and traffic) to the "edge" represent a growing trend: costs of "storage" decrease much faster than costs of connectivity to the "last mile".



Applications:

- Distance Training, Education and Interactive Learning and Corporate Communication
- Events Interactive Webcasting (Conferences, Labor Negotiations, Political Rallies, etc.)
- Replication and alignment of documents, software applications and databases
- Web contents geographical distribution to a local caches
- WAN performance acceleration through content distribution
- LAN security increase through content filtering and virus scanning applications embedded

MPEG 4 Interactive video-communication

Distance learning, meeting and video communication live from head quarter to branch offices with high interaction capability (audio, video and text) by the users through multicast software and broadband connection via satellite.

Broadband connection via satellite and narrowband return -communication offers to the course participants the opportunity to interact directly with the lecturer and test understanding of the issues, saving both time and money.

This is possible by merging different tools: two-way audio/video, synchronized slides, chat and other interactive or multimedia components.

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