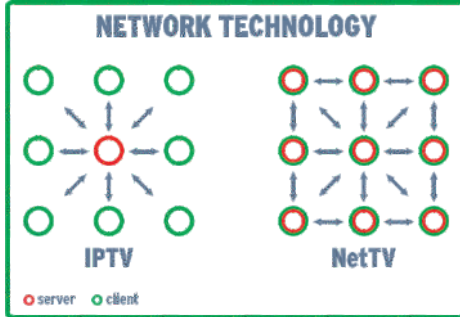


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Net-TV Solutions - Digital Interactive Television

Net-TV (Network Television) uses IP P2P infrastructure for transport and to tie televising contents in digital format through a broadband Internet connection. Usually, the use of televising contents is being offered as Video on demand along with Web access to a centralized server, due to the fact that both services share the same infrastructure. In the next years we hope that Net-TV will have a strong diffusion with the availability of the broadband. End-users main interest is after all, always having a greater availability of contents either paid or free. At the moment, the only alternatives to Net-TV are the traditional televising transmissions like terrestrial digital television, analogical terrestrial, satellite and, in countries where it's used, cable Net-TV. The enormous advantage of Net-TV with respect to the traditional television, in addition to the possibility for the end-user of integrating with the emitter, consists of the considerable savings in transmission infrastructure terms. Net-TV doesn't need repeaters or transmitters to cover the territory; this is achieved through the Web and using the diverse clients as repeaters, thus, translated in an initial investment and in a small management and maintenance cost of the transmission initial setup. Net-TV covers either direct TV or video recording (on demand) transmissions. In order to support the Net-TV services, it is required to use a PC or a Set-top box connected to the TV and the broadband network. Video contents are in general MPEG4 or H.264 format and are spread thanks to a new technology in which the information is tied through network nodes and where the old concepts of IPTV are exceeded.

Net-TV Solutions - Television Digitale Interattiva

Net-TV (Network Television) utilizza l'infrastruttura di trasporto IP P2P per veicolare contenuti televisivi in formato digitale attraverso connessione internet a banda larga. Ad oggi la fruizione dei contenuti televisivi web è offerta in modalità Video on Demand ed abbinata all'accesso web al

server centralizzato, poiché questi servizi condividono la stessa infrastruttura. Nei prossimi anni si ci attende che la Net-TV avrà una forte diffusione, di pari passo con la disponibilità della banda larga. L'interesse degli utenti finali è ulteriormente spinto dalla sempre maggiore disponibilità di contenuti sia a pagamento che gratuiti. Al momento le sole alternative alla Net-TV sono le distribuzioni televisive tradizionali come la televisione analogica terrestre, il digitale terrestre, il satellite e, nei paesi in cui viene usata, la IPTV via cavo. Il vantaggio enorme della Net-TV rispetto alla televisione tradizionale, oltre alla possibilità per l'utente di interagire con l'emittente, consiste nel considerevole risparmio in termini di infrastruttura di trasmissione. La Net-TV non ha bisogno di trasmettitori e ripetitori per la copertura del territorio, essendo essa veicolata attraverso la rete web ed utilizzando i vari client come ripetitori, questo si traduce in un investimento iniziale particolarmente contenuto ed in un piccolo costo di gestione e manutenzione degli impianti di trasmissione.

Solucionés Net-TV - Televisión digital interactiva

Net-TV (Network Television) utiliza la infraestructura de transporte IP P2P para vincular contenidos televisivos en formato digital a través de una conexión Internet de banda ancha. Usualmente el uso de contenidos televisivos se ofrece en modalidad Video a demanda junto con acceso Web a un servidor centralizado, dado que estos servicios comparten la misma infraestructura. En los próximos años se espera que la Net-TV tenga una fuerte difusión paralelamente con la disponibilidad de la banda ancha. El interés de los usuarios finales es después de todo el tener siempre una mayor disponibilidad de contenidos ya sean pagados o gratuitos. De momento, las únicas alternativas a la Net-TV son las transmisiones televisivas tradicionales como la televisión analógica terrestre, digital terrestre, satélite y, en países donde se usa, la Net-TV por cable. La enorme ventaja de la Net-TV con respecto a la televisión tradicional, además de la posibilidad para el usuario de integrar con el emisor, consiste en el considerable ahorro en términos de infraestructura de transmisión. La Net-TV no necesita de transmisores ni repetidores para la cobertura del territorio, siendo ésta transmitida a través de la Web y utilizando los diversos clientes como repetidores, esto se traduce en una inversión inicial y en un pequeño costo de gestión y mantenimiento de los implantes de transmisión. La Net-TV cubre tanto la TV en transmisión directa como la transmisión de la grabación de video (en demanda). Para sufragar los servicios Net-TV, se requiere utilizar un PC o un set-top box conectado a la TV y a la red banda ancha. Los contenidos de video en general son en formato MPEG4 o H.264 y son difundidos gracias a una nueva tecnología en la que la información esta vinculada a través de nodos de red y donde los viejos conceptos de IPTV se rebasan.

About Medianet

Medianet as been operating since 1976 in satellite communication and HW-SW development. Its three main divisions, Multimedia, Satellite and Engineering, have achieved outstanding results thanks to a constant attention and care for customer needs. Team work and synergy are at basis of the company philosophy. Our main objective is to develop innovative DSP and FPGA solutions, using advanced codec based on Mpeg4 and H.264 technology. Software development and system integration are our core business as well as Satellite Communication, Multimedia Distribution, R&D and Engineering. We provide up to date solutions to anticipate the future.