

International
WorkShop
2007

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Triple-Play

BUSINESS DEVELOPMENT

Visión estratégica de expertos independientes

MADRID, 12 de enero de 2007 (9:30 a 14:30 horas)

MATERIAL A ENTREGAR:

Triple Play



Research Reports



CD con sesiones multimedia



8 manuales de referencia:
Converged Networks, IPTV, VoIP, Carrier,
Ethernet, NG SDH, Classic SDH y xDSL

¡Material valorado en mas de 500 €!

Triple Play Architectures

What is Triple-Play

Rollout strategies and challenges

Telcos, ISP and CATV strategies
Market segmentation
Local loop unbundling and FTTx
Technological shifts and challenges

Towards a True Broadband Access

Maturity of DSL: ADS2 and ADSL2+
VDSL2: Band plans, profiles, ranges
Crosstalk and spectral compatibility
Deep fibre rollouts
IEEE 802.3ah: Ethernet in the First Mile
PON vs. Active Ethernet
GPON vs. EPON

Carrier Grade Ethernet

MEF Services: E-line, E-LAN
EPL, EVPL, ELAN, EVPLAN
Ethernet over Fibre, WDM and SDH
Provider Bridges: QiQ and MiM formats
MPLS and Ethernet pseudowires
Smooth Migration to carrier Ethernet

IP QoS

Differentiated and guaranteed services
The Intserv architecture and the RSVP
The Diffserv architecture

Installation and Maintenance

Triple Play Business

Service Requirements

Performance parameters
Telephony, videotelephony
Internet access, VPNs
SDTV and HDTV

IP Telephony

Coding: PCM, ADPCM, CELP...
Delay sources and control in VoIP
Opinion Quality Rating: MOS, DMOS
E-model, PSQM, PAMS, PESQ
RTP / RTPC protocols
Signalling of voice IP calls with SIP
SIP vs. H.323
VoIP Gateways: MGCP, Megaco
Converged Telephony
IP telephony in Carrier Networks
IP telephony in Enterprise Networks

IPTV and VoD services

Coding: MPEG2, MPEG4, WMF
MPEG frames
MPEG2 transport stream
IPTV and multicast video services
Multicast routing
Multicast groups and IGMP
VoD and unicast video services

Triple Pay testing

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- WORKSHOP** (Incluye todo el material) **190 € + 16% I.V.A.**
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