

IST Call 6 – “International Cooperation”

Scopus in a glance

- ◆ Was formed in 1995, SME with 250 employees and offices worldwide with corporate headquarter in Israel
- ◆ Provides IP-based digital video networking platforms for video delivery over broadcast and broadband networks
- ◆ Unique intellectual property in the areas of video routing, digital-to-digital processing, compression, decoding and encryption.
- ◆ Product portfolio: Encoder, Decoders, Processors, Multiplexers, NMS
- ◆ Adherent to the Standards: Mpeg, H.264, VC1, DVB, ATSC

- ◆ Connection with Chinese operators for test-bed at their promises

1



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Scopus contribution

Digital broadcasting / Mobile convergence - Target country: China

- ◆ Converged infrastructure -IP-based television and migration to “all IP” networks
- ◆ Innovative technologies for video processing (trans-rating, trans-coding)
- ◆ Content adaptation to adjust content to different segments (Mobile, Broadcast)
- ◆ Distributed processing topology over Heterogeneous Networks
- ◆ Network resource optimization
- ◆ Personalization services – non-linear TV, iTV, on-the-fly injection of personal content over broadcasted content
- ◆ Content preparation – hooks and metadata for on-the-fly content handling for the different segments
- ◆ Context awareness – environment, CPEs, user profile etc’
- ◆ Security – DRM

2

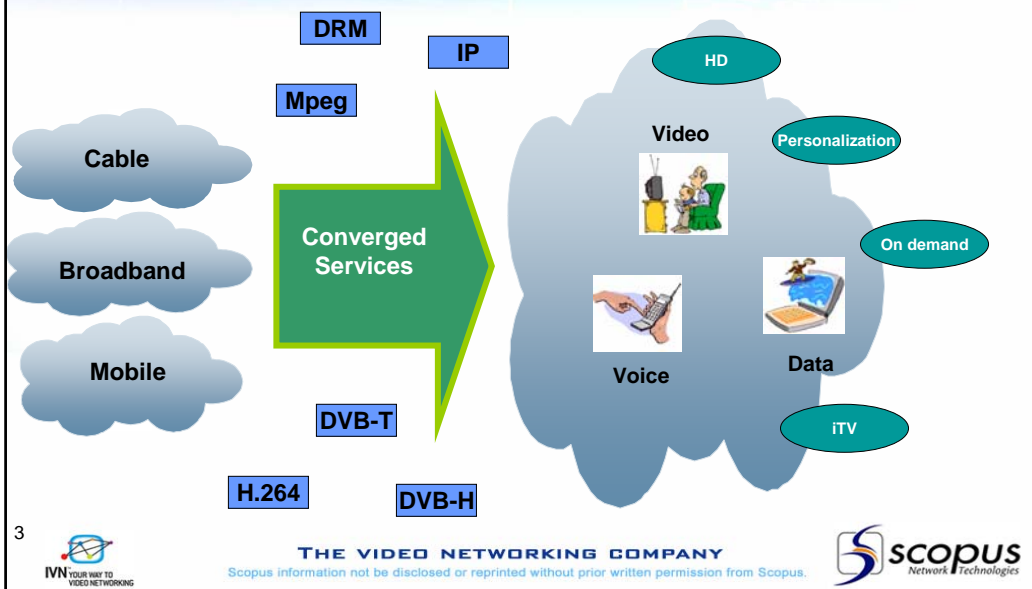


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Broadcast, Broadband and mobile converged infrastructure



3



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4



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