

Powerpoint: From SDI to IP

Join us in conversation as we discuss how to move from SDI to IP effectively and the key advantages of moving to IP.

SDI	IP over SDI
SDI integration requires a change in the system	Easy migration and integration without a change in the system
Large HD cameras and hardware needed	Requires very standard digital cables
Higher costs for hardware, development and deployment costs	Highly cost efficient
Not all SDI outputs are compatible with all hardware	Locally, transmit and receive multiple streams of video and audio
High bandwidth consumption. Transmission bandwidths can be expensive and hard to manage	Low bandwidth consumption. Separates bandwidth required to capture and deliver
SDI requires integration with other systems	Easy IP transport
A change in configuration, format and standards requires a change in modification in the system	Independence of changing specifications and formats, open to future standards
Operation requires upgrade and compatibility from hardware manufacturers	Fast and easy software based upgradability, with regular patches and updates provided for change
Multiple hardware requirements, configuration and installation	From 100 MBps to 10 Gbps, it is software that allows you to manage and adjust up to 100 frames and 30 sources simultaneously

IP over SDI

Download the attached Powerpoint "From SDI to IP" for a complete list of features and key advantages.

Presentation Slides

- Moving to IP
- IP Main Challenges
- SDI and IP
- IEE Standards
- Ethernet Frame
- MAC Frame
- Unreliable, Connectionless Service
- Frames Size
- Ethernet Evolution
- Full Duplex
- Switched Ethernet
- Gigabit Ethernet
- 10 GB Ethernet
- Terabit Internet
- Standards
- Bandwidth
- The Router Challenge
- Now SDN
- Operating System for networks
- Software-Defined Networking (SDN)
- SDN structure
- Live from IP
- IP out
- Why move to IP
- It is time to move to IP
- When its better to Move to IP
- When it is better not to move
- Example of a good move
- Conclusion

About Etere

Since its beginnings in 1987, Etere has been preparing users to be ready for the future. Etere is a worldwide provider of broadcast and media software solutions backed by its mark of excellence in system design, flexibility and reliability. Engineered in Singapore, the revolutionary concept of Etere Ecosystem promotes real-time collaborations and enhances operational efficiency across the entire enterprise. Etere Ecosystem software solutions including Media Asset Management, Channel-in-a-Box, Newsroom, Ad Insertion, Airsales, Automation, Broadcast Management System, Censorship, HSM Archive, Logging, OTT/VOD Delivery, Radio-Live, Subtitling and Captioning software are built with an integrative Web and Windows architecture that are customisable to fit perfectly in any system. Etere system is developed by 4 different groups in different countries to ensure reliability and quality. Etere delivers on its service excellence commitment with its dedicated team and a 24/7 worldwide support. Its portfolio of digital technologies and market-proven remote/on-site solutions including consultancy, training, installation and demonstrations are ready to run with your business no matter where you are. Etere enhances your adaptability for the future and empowers you with the software tools to drive your business to greater heights. www.etere.com

