



Thomson Reuters



Thomson Reuters employees keep in touch with the world from their desktops with Exterity IPTV Solution

Thomson Reuters is the world's leading source of news and information for professionals in the financial services, media and corporate markets. The company's UK headquarters are located in Canary Wharf, London, where more than 2,500 employees constantly monitor breaking news and global developments. The company's aging coaxial TV distribution system couldn't keep up with growth, and was too hard to integrate with staff desktop computers.

An Exterity IPTV solution uses the firm's existing IP network to stream live TV and video to employees wherever they are without the expense of additional cabling infrastructure. Flexible and scalable, the system can easily be expanded to accommodate growth, and improves the company's return on its network infrastructure and bandwidth investments.



“As an international organisation, it is essential that staff at our headquarters have instant access to television from all over the world. Exterity's network IPTV gives us this in an innovative and cost-effective way.”
 Thomson Reuter

The challenge

“As an international news organization, it is essential that staff at our headquarters have instant access to television from all over the world, enabling them to watch real-time news channels, as well as recorded and internal content in a convenient way,” said a representative from Thomson Reuters.

The company’s traditional coaxial TV distribution system could not keep up with the demands of Thomson Reuter’s growing business. It not only represented a separate cabling system from the standard IP network used to deliver email, web access, and business applications, but did not integrate easily with personal computers. Viewing TV and video content required either a separate TV display or the installation of a computer TV tuner to enable display on a personal computer, with consequent downtime for the computer involved.

Even more importantly, the existing system wasn’t scalable. Unlike with an IP network, adding users was difficult, usually requiring floors to be lifted and new cabling, and tended to degrade picture quality. This made it difficult for Thomson Reuters to add new employees and quite expensive to move to new offices.

The solution

Thomson Reuters already uses its IP network for both data and telephony services, and adding users to such a network is simple and causes no degradation in performance. Most business facilities come already equipped with IP network cabling, making it easy to expand into or move to new offices. What Thomson Reuters needed was a way to leverage network technology to also deliver TV and video, which would eliminate the need for obsolete coaxial technology and deliver the quality and scalability to support the company’s expanding news operations.

Thomson Reuters found its solution in an Exterity IP video system, which delivers broadcast-quality TV and video to a virtually unlimited number of users over the same network as data and telephony. The Exterity solution uses Thomson Reuters’ existing IP network to stream crystal clear live TV from all over the world to over 300 displays in conference rooms and lecture theatres as well as 2,500 screens and desktops around the office, with no need for any additional cabling. Channels are supplied from a single satellite dish, keeping investment in equipment to a minimum. The installation was completed within days, ensuring Thomson Reuters’ staff experienced no disruption.

The result

Since Thomson Reuters' technical staff no longer need to manage an additional network just for TV and video, operational costs are lower. The IPTV system is also future-proof: additional internal and external channels can easily be added, and additional end points such as TVs, projectors and PCs can be installed without the need for extra cabling, and without interrupting service. As corporate expansion requires new facilities, the existing network can be used to provide TV and video without the additional capital expense of a separate coaxial network.

Colin Farquhar, CEO, Exterity, says: "It is great to see Exterity's end-to-end IP video system playing such a crucial role in keeping Thomson Reuters' staff up-to-date with breaking news from around the world. What's more, by using the existing IP network to deliver TV and video, Thomson Reuters are making the most of available bandwidth and the existing network, and can easily expand the system as their business needs change and grow."

Thomson Reuters Goals

- Give employees desktop access to world news channels and internal broadcasts on their desktop PCs
- Distribute TV and video to break rooms and public displays
- Eliminate obsolete, redundant coaxial TV and video distribution system
- Enable easy scalability for growth
- Provide a top quality viewing experience

Exterity Solution

- End-to-end IPTV solution to distribute TV and video over Thomson Reuters’ existing high speed network
- AvediaStream TVgateways and Encoders capture and stream TV and video channels directly onto the IP networks
- AvediaPlayer Receivers connect displays to the IP network
- PC clients to display content on users’ personal computers

Thomson Reuters Benefits

- Eliminates obsolete, hard to maintain coaxial TV and video distribution system
- Integrates TV and video distribution with existing data and telephony network for easier management and maintenance, lower operational expenses
- Delivers broadcast-quality TV and video to any number of screens
- Easily scales to support expansion and new facilities
- Can add users and channels without service disruption
- Makes most efficient use of network bandwidth, increases return on network investments

About Exterity

Since 2001 Exterity has been designing, developing and manufacturing technically innovative products that deliver video over an IP network to some of the leading organisations across the globe.

Enabling distribution of HD quality TV, video and digital signage over enterprise IP networks to an unlimited number of end points, Exterity solutions support large volumes of content and receiving devices without compromising system performance or availability.

Highlights

- Deployed in over 50 countries
- Scalable IP video, digital signage and guest experience solutions for organisations of any size and across any sector
- Unique industry leading features and market specific application

Headquartered in Scotland UK, we extend our global reach through our offices in New York, London, Paris, Dubai, Riyadh, Johannesburg, Singapore and Sydney. Localised knowledge and expertise is enhanced through the Exterity StreamForce program of credible, technically innovative partners, plus an extensive network of in-country resellers and distributors.



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