

# M-Link<sup>®</sup> NewsCaster

Broadcast quality HD & SD  
Video delivery



## NEWSCASTER

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M-Link Newscaster is the professional solution for the delivery of HD & SD store & forward video.

The latest generation of M-Link NewsCaster incorporates RazorLink<sup>®</sup> technology, the next level in network optimisation that guarantees maximum use of available network resources.

The software has been optimised for use over 3G/4G, satellite and other IP connections with optional bonding of all available network connections to use the aggregated bandwidth with channel loss resilience. M-Link Newscaster provides a highly mobile, reliable and compact solution for broadcast quality LNG/ENG/SNG file-based newsgathering. M-Link Newscaster can be deployed and operated by a single reporter.

## HIGH DEFINITION

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The M-Link Newscaster High Definition option allows 1080i footage to be delivered directly from the field. The outstanding performance of the M-Link H.264/AVC codec makes timely delivery of very high quality 1080i footage possible over narrow bandwidth connections.

## NEWSCASTER IPHONE APP

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A journalist caught in the action with only their iPhone or iPad can use Newscaster Mobile to capture news that would otherwise be missed and post it directly to their broadcast newsroom via the same infrastructure as the full Windows or OSX client.



## KEY FEATURES

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- **NEW** Accelerated file delivery - up to 4 times faster than FTP over 4G cellular networks.
- **NEW** Optional bonding of multiple Cellular, Wi-Fi, Satellite and Ethernet connections to increase bandwidth, reduce transmission times and provide a very high level of resilience.
- Simultaneous encode whilst transmit operation – saves time and battery life
- Background encoding for automated workflow – user configurable
- Queued encoding with re-prioritisation – deliver rushes first
- Multichannel audio – up to 8 channels of audio supported for Mac OSX clients
- Source video validation – identify video problems in the field before incurring transmission costs
- Enhanced High profile H.264/AVC codec, maintain quality and reduce file size
- Wide choice of encoding profiles – broadcast quality HD, SD & Web
- Optimised data transfer protocols – designed to work through restrictive networks
- Transfer resume and automatic retry – Fast and Reliable. Simple and intuitive user interface – Mac and Windows
- Integrated BGAN control – manual or fully automatic context activation, including HDR
- 12 months support included

## OPTIONAL FEATURES

- Bonding of multiple Cellular, Wi-Fi and Ethernet connections to increase bandwidth, reduce transmission times and provide a very high level of resilience
- High definition support - Progressive and interlaced broadband quality HD; MXF source file encoding
- Central management plans for large rollouts, reducing management & maintenance overheads.

## ACQUISITION & EDITING

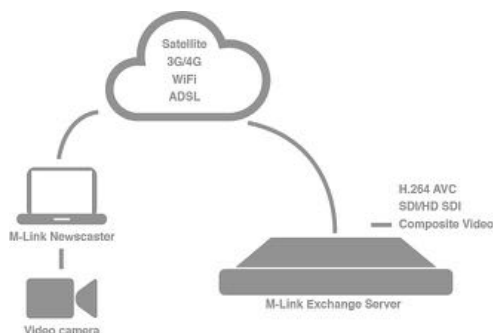
M-Link Newscaster is designed for use with Non Linear Editing packages like Avid, Premiere & Final Cut Pro, but simple video acquisition tools may also be used. M-Link Newscaster includes a simple DV logging tool for Windows.

## FIELD UNIT

M-Link Newscaster offers an ideal solution for global newsgathering when combined with Inmarsat BGAN terminals. The software offers advanced control of the terminal including automatic call termination to prevent unexpected airtime bills, whilst simplifying the user workflow. Full control of the latest Cobham & Hughes BGAN HDR terminals is included.

## FIREWALL TRAVERSAL

M-Link Newscaster has advanced features to allow easy transfer of video within any network structure. The file transfer technology is designed to allow video to be sent from locations where Internet access is highly restricted, filtered or censored.



## TECHNICAL SPECIFICATIONS

Video Formats	1080i/p, 720p, NTSC and PAL
Video Bitrates	User configurable, default options range from 384Kbps (SD) to 12Mbps (HD)
Network Protocols	Livewire, proprietary FTP and HTTP
Optimisation & Bonding	RazorLink®
Operating System	Windows: Windows 7 & 8.1 OSX: 10.8 (Mountain Lion), 10.9 (Mavericks), 10.10 (Yosemite), 10.11 (El Capitan)
Minimum System Requirements	Core i5, 4GB RAM
Minimum Screen Resolution	1280 x 800
Recommended for HD	Quad Core i7, 8GB RAM

## SUPPORT & UPGRADE POLICY

Newsgathering in remote or hostile environments can be very challenging for the reporter and equipment. Livewire Digital offers a comprehensive support package on all M-Link products offering expert advice on all aspects of using the equipment in conjunction with cameras, NLEs, IP networks and satellite terminals. In line with Livewire Digital's policy of protecting the customer's investment, all M-Link products come with a high level of compatibility. For those Livewire Digital customers that wish to upgrade their existing equipment to the latest M-Link technology, a technology refresh path is available.