



VISLINK
News & Entertainment

Advanced Gateway System for File Base Workflow

Howard Tulloch
17th September 2010



Advanced Gateway System



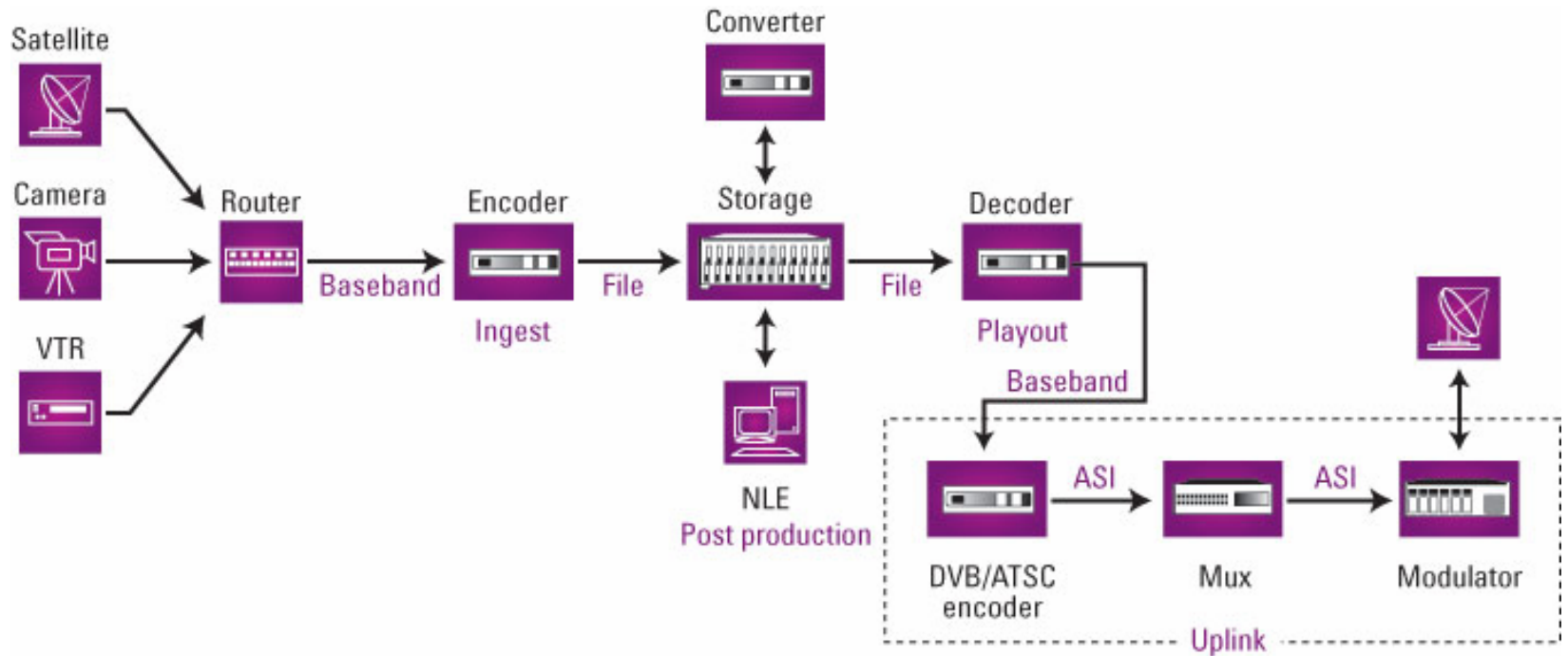
New Language

- Slug – Story in production,
- File Based Workflow – move away from tape,
- NCS – Newsroom Computer System,
- NLE – Non-Linear Editor, file based rather than tape based,
- Essence – Video & Audio,
- Metadata – Data about the work item,
- MXF – Media Exchange Format, container file,
- Proxy File – low resolution video for editing,
- EDL/ECL – Edit Decision List, Edit Cut List,
- MOS – Media Object Server, Workflow Protocol,
- BXF – Broadcast Exchange Format, Workflow Protocol,
- DAM – Digital Asset Management,
- MAM – Media Asset Management,
- Old Media – Newspapers, Broadcasters,
- New Media – Web, YouTube, Streaming.

Advanced Gateway System



Simple Studio based Workflow



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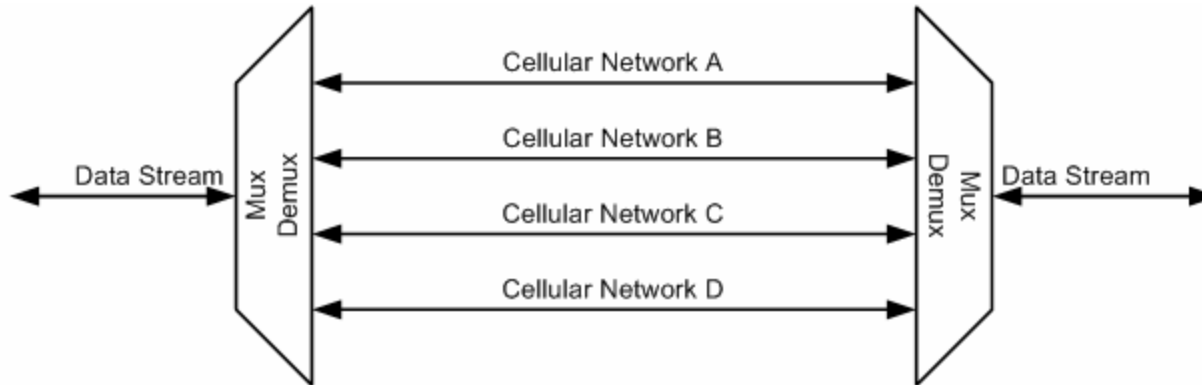
Transparent Workflow extension to the Field

- Assignment desk connectivity to the truck,
- Allow Journalist to edit in the field almost as connected to Studio Network,
- Utilise existing Infrastructure,
 - ENG/SNG to the Studio,
 - Cellular / OTA / SNG from the Studio,
- Work automatically in conjunction with the Workflow System.

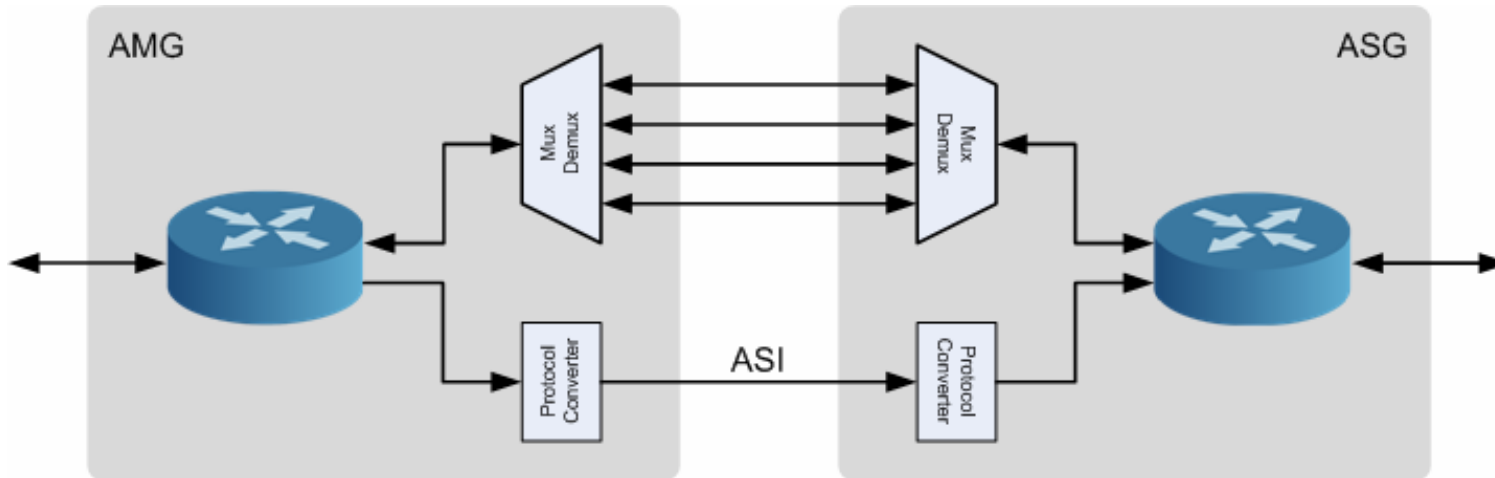
Advanced Gateway System Hybrid Communications



Aggregated Cellular Channels – Inverse Multiplexing,



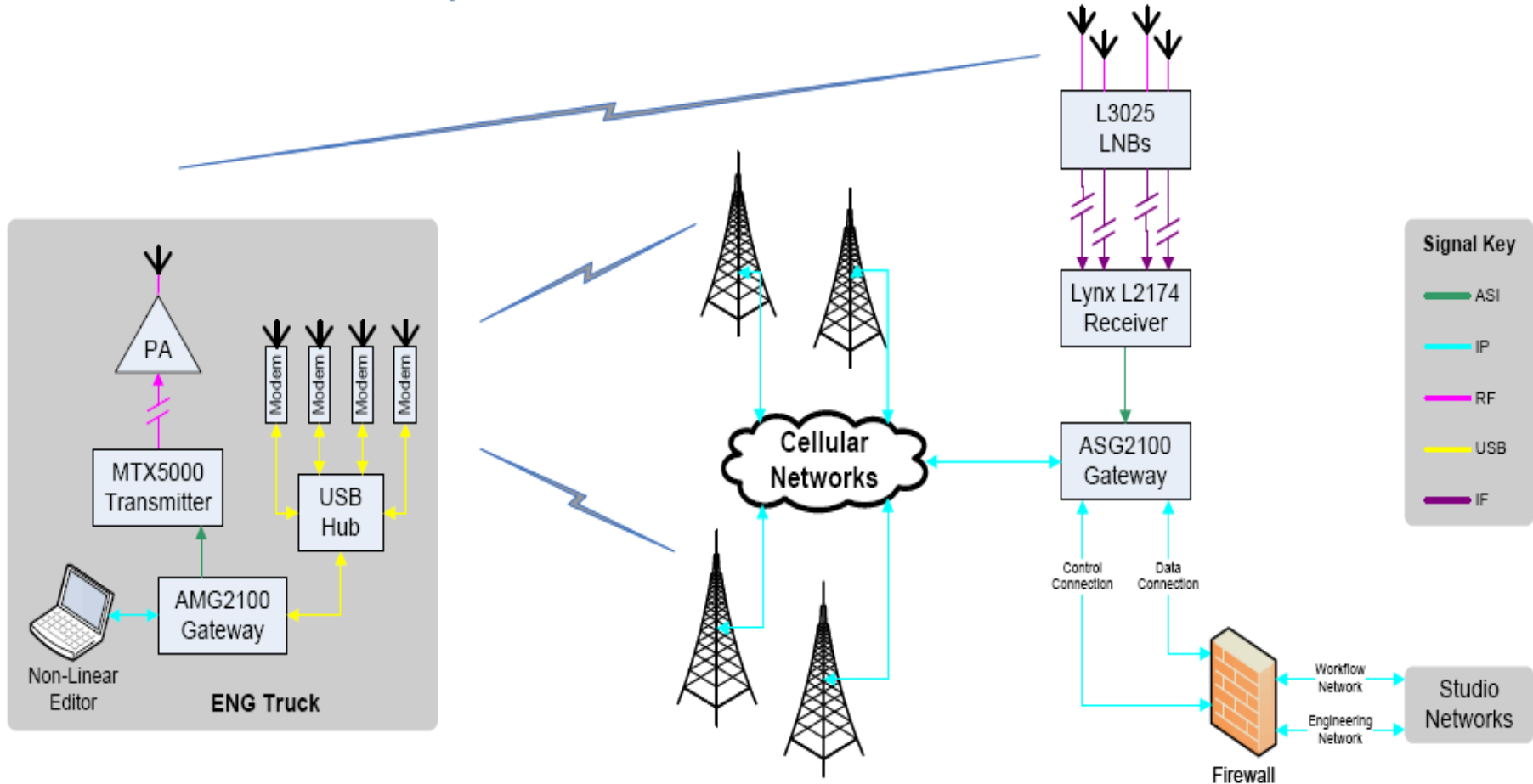
- Asymmetric Routing,



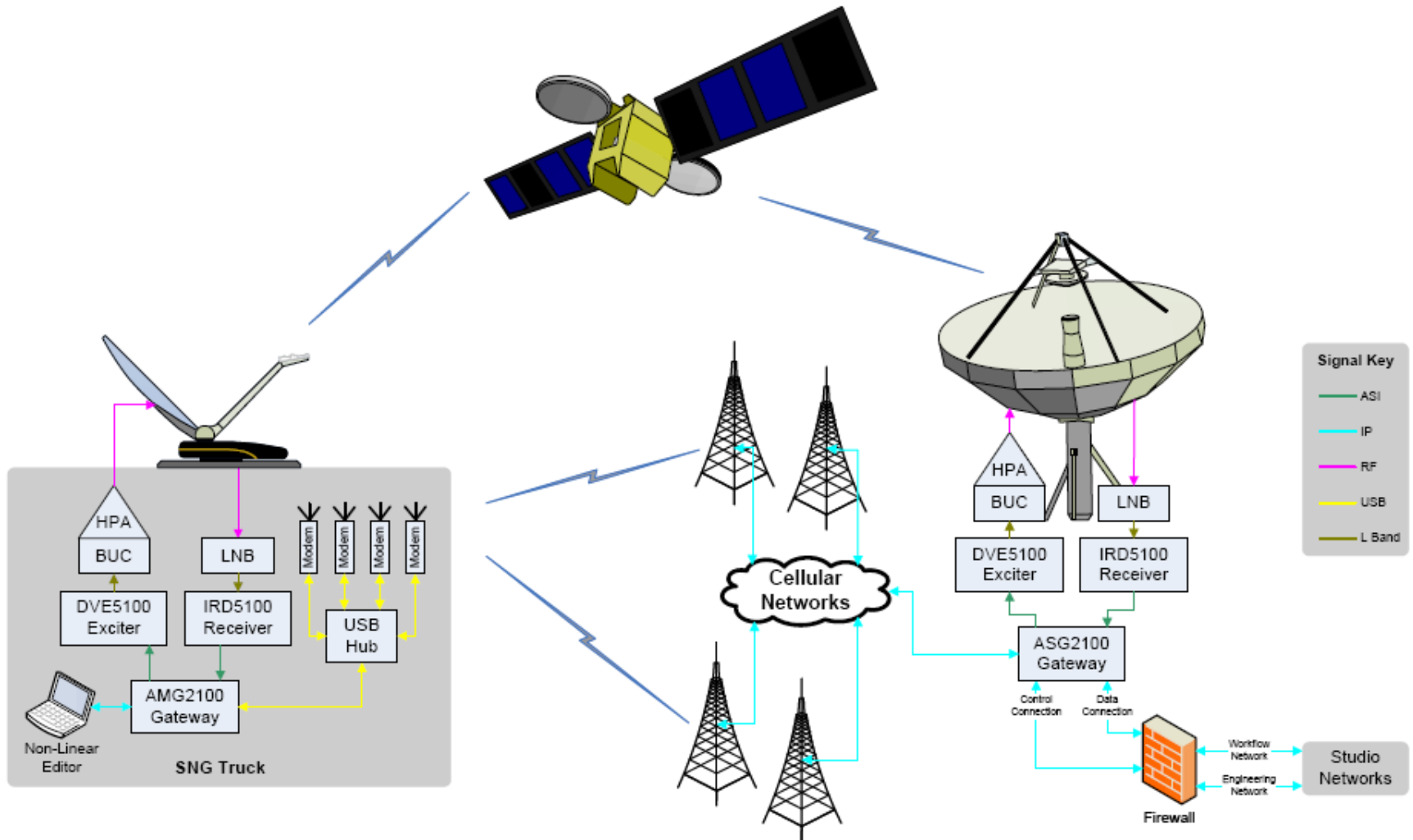
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ENG Truck with Central Diversity Receiver



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MRC
VISLINK GROUP

AMG 2100

AMGfix

Alarm

Logout

Monitor Panels | Device Configuration | Network Configuration | System Configuration | User Configuration | System Logs | Help | Support Services

Network Storage | **System Parameters** | System Restore

System Parameters

System Name : AMGfix

System Date (mm/dd/yyyy) : 05 / 20 / 2010

System Time : 15 : 51 : 26 Change Time : : :

Select Timezone : US Select City : Eastern

System Country : USA

ASG Name : ASGLab

ASG Location : US

ASG IP Address : 75 . 147 . 6 . 212 Secondary IP Address : 216 . 195 . 2 . 72

Security Key : MultiCast ASG Subnet : 172 . 172 . 172 . 1

Apply Changes

Device Parameters

Device Handling : Cell Card1 Discover Add Eject

Device Name	Device Type
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MRC VISLINK GROUP

ASG 2100
AirfortUSAsg

Monitor Panels | Server Configuration | Network Configuration | Storage Configuration | AMG Configuration | Logs | Support Services

Net Devices | VPN | Radius

IP Address :

Security Type :

Security Key :

Add

Associated AMG2100

Name	IP Address	Status
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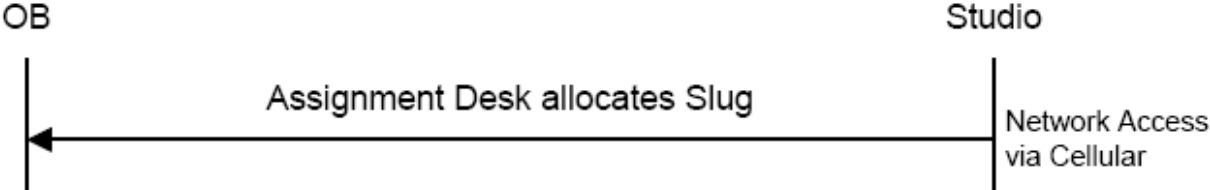
SEARCHING FOR NEW AMG ●●●

Remove

Logout

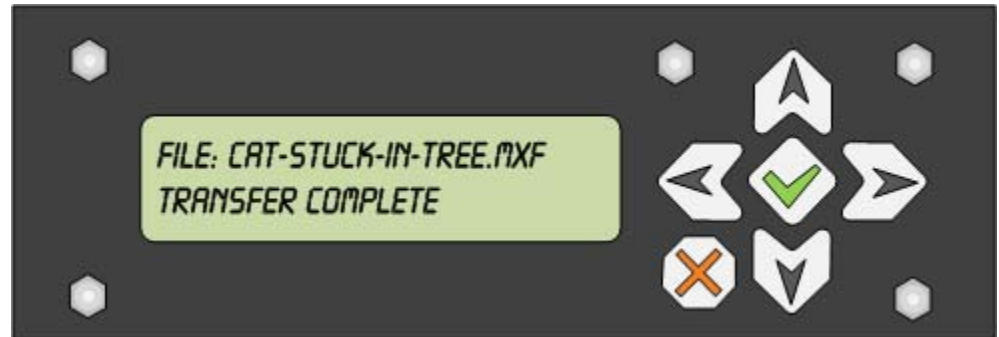
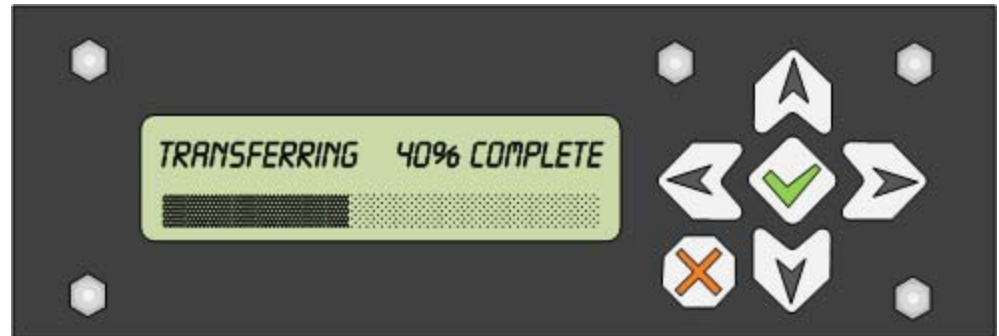
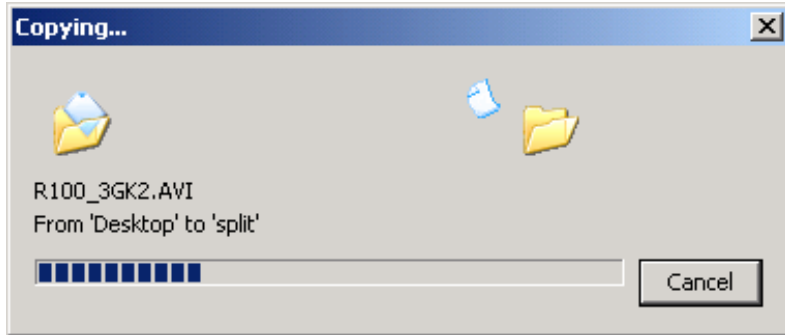
Alarm

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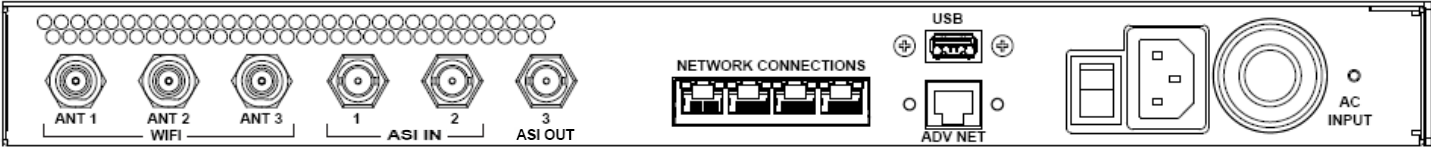
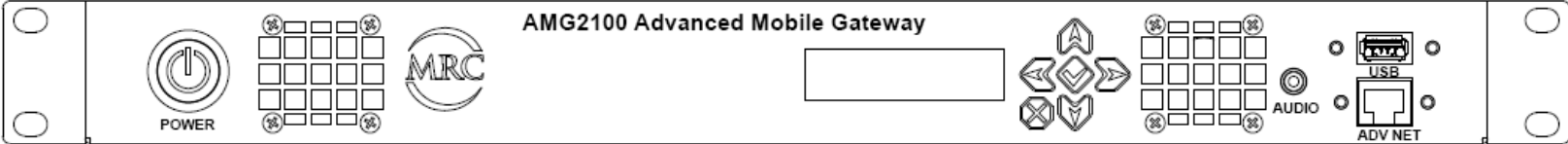
What the Journalist sees



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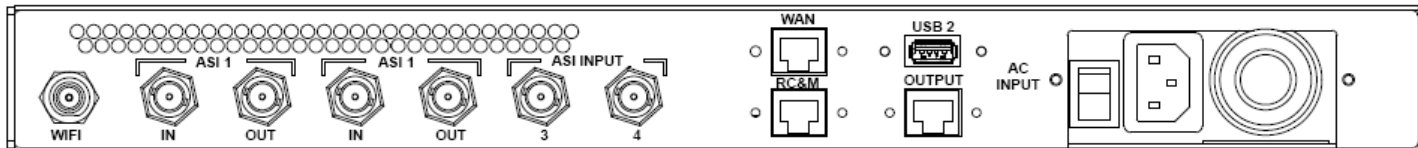
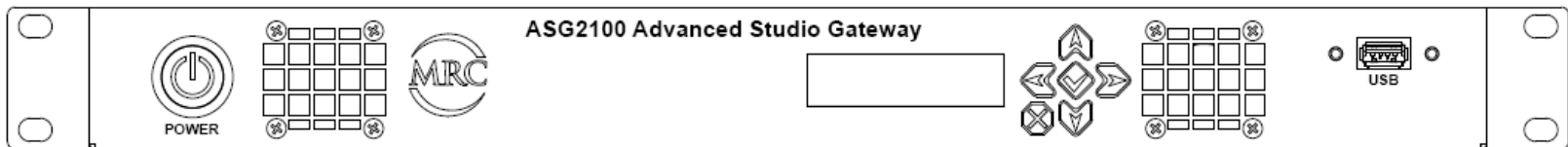
AMG2100 – Mobile Gateway Interfaces



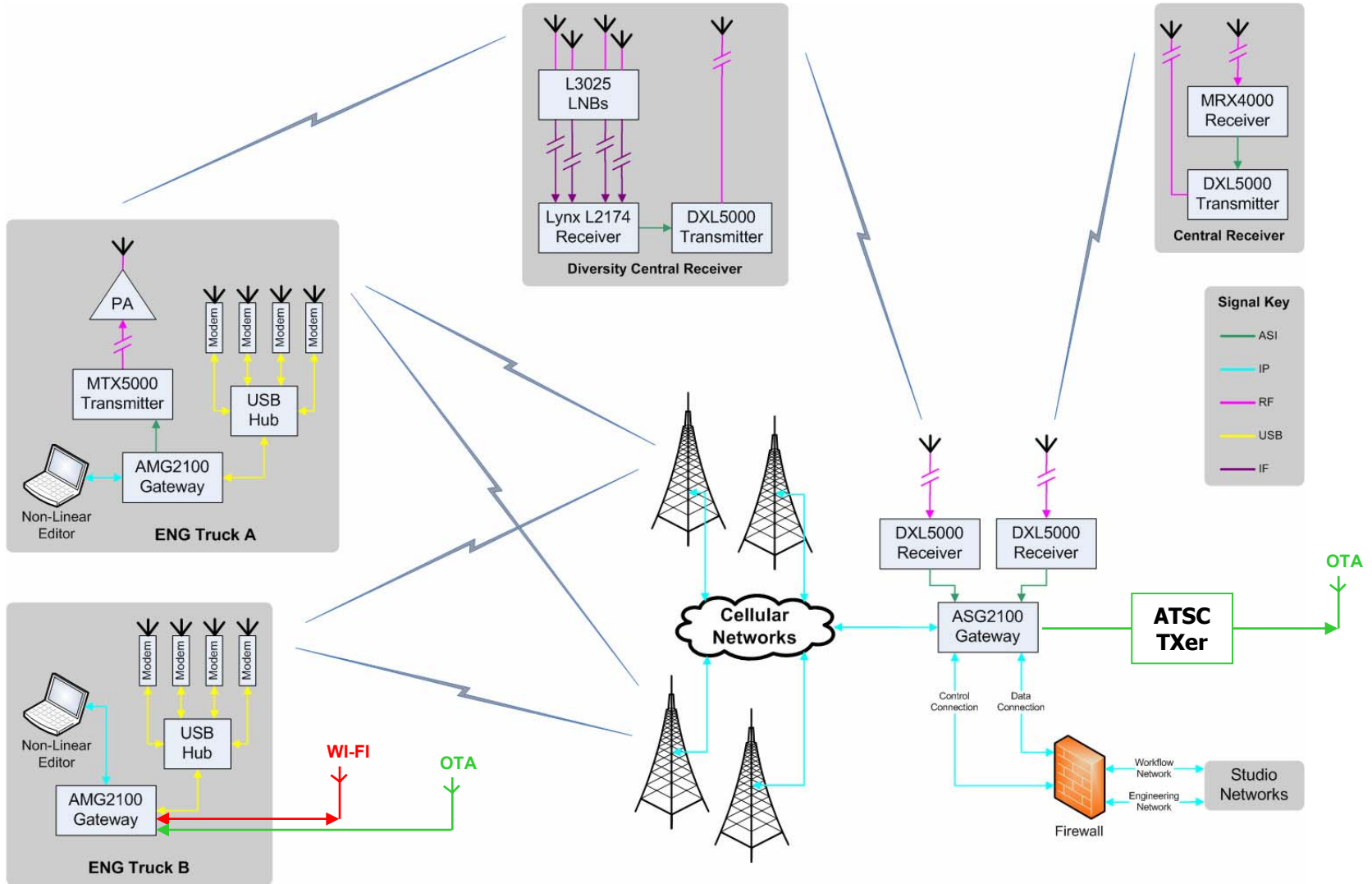
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ASG2100 – Studio Gateway Interfaces



Advanced Gateway System



Summary: Accelerating the transition to IP-based workflow management in the field

- **Provides seamless access to the studio network resources,**
- **Extends automation of the studio workflow & metadata,**
- **Enables Non-Linear Editing from the field with near-live timeline editing and file transmission,**
- **Remote Control & Monitoring of remote assets,**
- **Minimises complexity with transparent field operation with NLE clients,**
- **Enhances monitoring of story transfer progress,**
- **Redefines the role and configuration of the traditional truck**

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