

## Synamedia MEG setup – HSN

### HSN1 SD OTA MP4 ASI Out

**Task-** Configuring Synamedia MEG IRDs

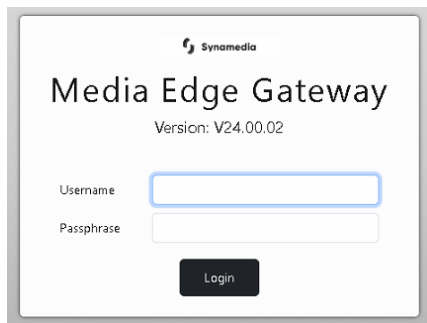
**Condition-** Service Routing HSN1 SD OTA MP4 - ASI OUT

**Standard-** How to configure a Synamedia MEG IRD for Service Routing

**Action Items:**

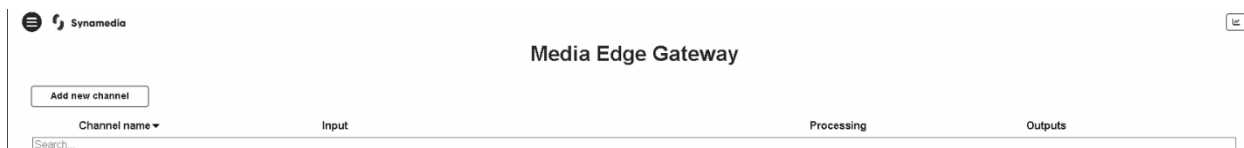
- Service Routing SD MP4
  - Begin by **Browsing to IP** of MEG IRD (Default ip - 192.168.2.20)
    - **Enter UN & PW** (see figure 1) (UN: Admin; PW: Password)

Figure 1 - Login

The image shows the login interface of a Synamedia Media Edge Gateway. At the top, the Synamedia logo is displayed. Below it, the text 'Media Edge Gateway' and 'Version: V24.00.02' are shown. There are two input fields: 'Username' and 'Passphrase'. A 'Login' button is located at the bottom of the form.

- Click on **Add New Channel** (see figure 2)

Figure 2 – Add Channel

The image shows the main menu of the Synamedia Media Edge Gateway. The Synamedia logo is in the top left corner. The title 'Media Edge Gateway' is centered at the top. On the left, there is a button labeled 'Add new channel'. Below it, there is a search bar with the text 'Channel name' and a dropdown arrow. To the right of the search bar, there are three tabs: 'Input', 'Processing', and 'Outputs'. The 'Input' tab is currently selected.

- Choose which option you would like to do
  - Select **Service Routing** for ASI setup (see figure 3)

Figure 3 – Service Routing

## What would you like to do?

Linear Transcode
Linear Encode
ABR Transcode
ABR Encode
Video Decoding
Service Routing

- Service Routing – **ASI**
  - Select **Use Existing Input**
  - **Input Selection - DVB-S2:DVBS2 1 (4.08GHz)**
  - Select which **Service ID** you would like to Route by choosing the service in the **Dropdown Menu - (22) for HSN1 SD OTA** (see figure 4)

Figure 4 – Configure Service Routing Options

Synamedia

Service Routing

Input — Descrambling — Output

○ Create new input ○ Use existing input

Input TS Configuration

Input Selection: DVB-S2: DVBS2 1 (4.08 GHz)

Input Service Configuration

Service ID: BYP806 HSN1SD OTA-ENC-8036-D-0822

User Name: [ ]

Advanced Settings ▶

< Previous Next > Create Cancel

- **Descrambling - Disabled**
- Click on **Output** next
  - Select **Type**
    - Select **ASI**
      - Select which **ASI port** you would like to use (Asi1)
      - Leave remaining fields as default values
  - Tick **Service ID** box
    - Enter **Service ID – 22** (see figure 5)

Figure 5 – Configure Output

**Service Routing - BYP802 HSN1HD ENC-B036-D-03b (20)**

Input — Descrambling — Output

**Output TS Configuration**

Type: ASI  
 Port: ASI1  
 ON ID: 1  
 TS ID: 1  
 Streaming: Active

**Output Service Configuration**

Service ID: 20  
 Service Name: BYP802 HSN1HD ENC-B036-D-03b

Navigation: << Previous, Next >>, Save, Cancel

- Click on **Create** in upper right corner (see figure 6)

Figure 6 – Create and Finish

Navigation: << Previous, Next >>, Create, Cancel

Output

- You should see a popup box that says “Channel activated successfully”
- Setup complete – There should now be 1 channel with a green check mark (see figure 7)

Figure 7 – Channel Created

**Media Edge Gateway**

Add new channel

Channel name	Input	Processing	Outputs
BYP802 HSN1HD ENC-B036-D-03b (20)	DVB-S2 : DVBS2 1 (4.08 GHz) - HSN1 HD MP4 to MP2 ASI Out (20)	-	ASI : ASI1 - BYP802 HSN1HD ENC-B036-D-03b (20)

\*Advanced View configurations are beyond the scope of this document.