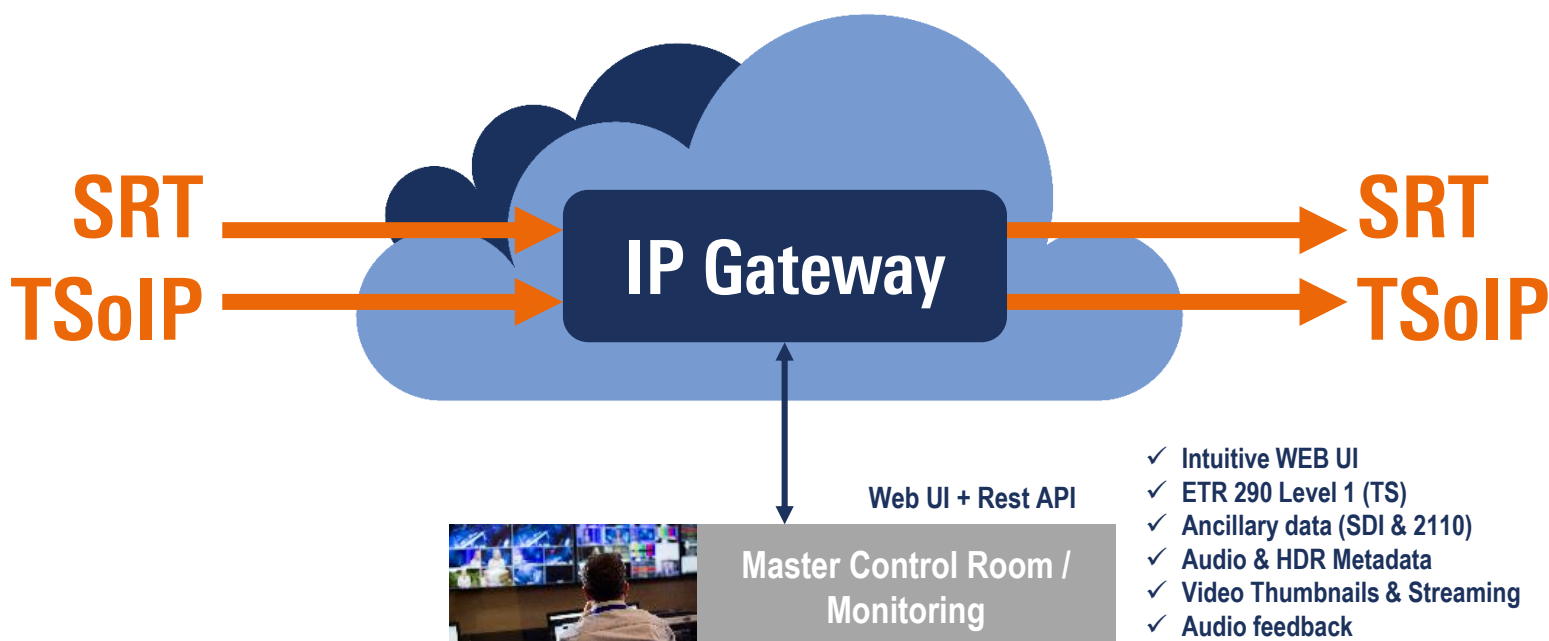


■ Highlights

- ✓ Versatile IP Gateway to cross convert SRT & TS over IP streams
- ✓ Multiple sources analysis
- ✓ All SRT modes: Caller / RendezVous / Listener mode
- ✓ Multiple SRT & TS outputs per channel
- ✓ Video and audio monitoring over WEB UI (MPEG-DASH Streaming)
- ✓ Appliance or VM



■ Specifications

■ Video:

- ✓ SRT & TS: Multi-Codec support: HEVC / H264 / MPEG2 / JPEG2000
- ✓ HD / Full HD / Ultra HD and HDR ready

■ Audio:

- ✓ Dolby DD / DD+ / DD+JOC / Atmos / E / AC4 decoding
- ✓ Dolby Metadata display
- ✓ Up to 16 Audio Channels per stream
- ✓ AAC/HE-AAC/MPEG1 LayerII decoding

■ Monitoring:

- ✓ ETR 101-290 level 1 input error monitoring
- ✓ Video Thumbnails + Audio Bargraphs
- ✓ Bitrate Bargraphs (per PID)

■ Virtual Machine (VM version)

- ✓ Default: VMWare / ESXI
- ✓ Other VM formats available on request.

■ Inputs:

- ✓ Multicast or Unicast TS over IP
- ✓ 2022-7
- ✓ SRT (Listener / Caller / RendezVous)

■ Outputs:

- ✓ Multicast or Unicast TS over IP
- ✓ 2022-7
- ✓ SRT (Listener / Caller / RendezVous)

■ Controls:

- ✓ Intuitive Web UI
- ✓ Rest API

■ Chassis (Appliance version)

- ✓ Up to 6x Gbits Eth ports
- ✓ 1 RU Chassis – Short Depth
- ✓ 437 mm x 287 mm x 43 mm
- ✓ 200W PSU

IP Gateway - SRT / TSoIP Gateway & Monitoring system

Markets and Use Cases

- ✓ TS to SRT or SRT to TS conversions
- ✓ Remote monitoring
- ✓ IP Gateway with built-in monitoring
- ✓ Broadcast Centers
- ✓ Contribution operators
- ✓ MCR

User Interface

The screenshot displays the BBright IP Gateway web interface. At the top, there are navigation tabs for 'GCHA', 'LOG&ALARM', and 'ADMIN'. The main area is divided into several sections:

- Input Configuration:** Shows 'Input type' as TS, 'Interface' as Data 2, and 'URI' as 224.1.7.50:1010. It includes a 'STOP' button and an 'Advanced thumbnail mode' checkbox.
- Outputs Configuration:** Lists three SRT outputs (SRT Out 1, 2, 3) and a TEST output, all in 'Running' status.
- Service info:** Provides details for service 256 (0x100), including bit rate (833.3 Kb/s), codec (H264), resolution (1280x720p), and frame rate (25 Fps).
- ETR 290 Level 1:** A monitoring section with 'RESET' and status indicators for PMT, Scrambling, Repetition, Table ID, TS sync loss, Continuity count, PAT, and Sync byte.
- Central Video:** A live video feed of a news anchor.
- Graphs:** A bandwidth graph showing 5.0 Mb/s and a signal level graph.

The bottom status bar shows 'Gateway MyPlatform 0.0.1.0-nightly 399901410BBR21440001' and the time '13:25:34 - 24/08/2022 - Europe/Paris'.

This screenshot shows the 'New output' dialog and four 'TSoIP in' monitoring panels:

- New output dialog:** Configures 'SRT output 8' with 'Interface' Data 5 and 'URI' 152.25.4.12:4000. It includes settings for 'Discovery Timeout' (2000 ms) and 'Latency' (1000 ms).
- TSoIP in 1:** Monitoring a football match from 'Data In 1' (224.1.7.200:1030).
- TSoIP in 2:** Monitoring another football match from 'Data In 1' (224.1.7.50:1210).
- TSoIP in 3:** Monitoring a news broadcast from 'Data In 1' (224.1.7.50:1110).
- TSoIP in 4:** Monitoring a dark scene from 'Data In 1' (224.1.7.50:1050).

Each monitoring panel includes a video thumbnail, a bandwidth graph, and status indicators for PMT, Scrambling, Repetition, Table ID, TS sync loss, Continuity count, PAT, and Sync byte.

Ordering Options

Type	Reference	Description
Appliances	GTW	BBright IP Gateway, up to 8 channels. 1RU.
VM	VM_GTW	BBright IP Gateway, up to 8 channels. Virtual Machine.
Hardware Options	GTW_4xIP	Extra 4x IP Board