

# Detect On-Air Loudness Deviations at a Glance

Why does loudness control remain a headache for broadcasters?

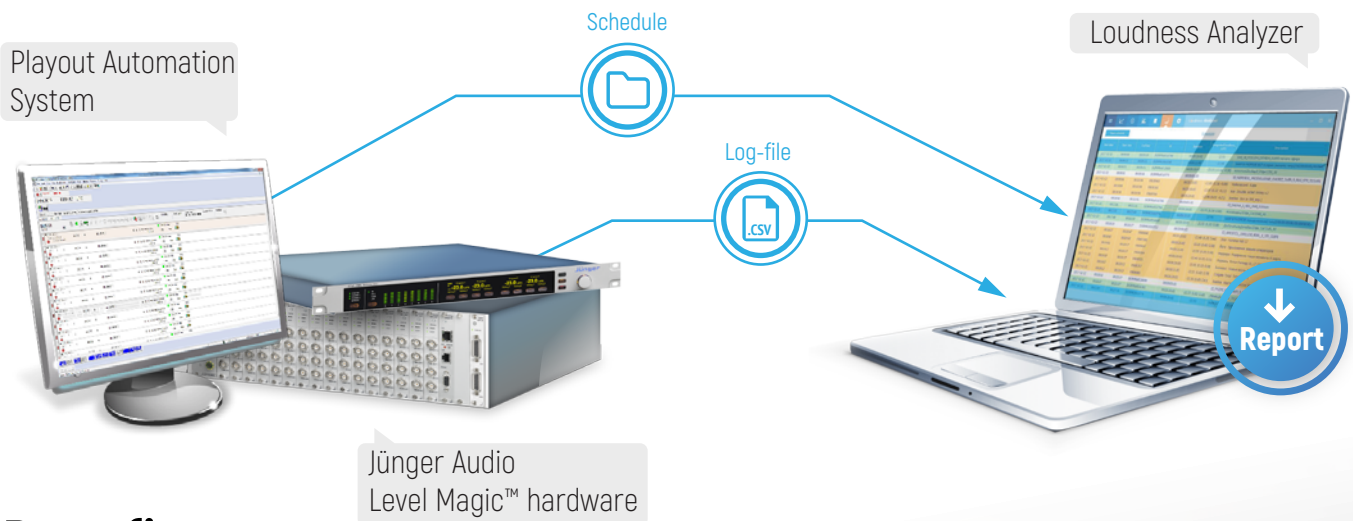
Even though loudness normalization is adopted all around the world, broadcasters still need to ensure compliance with the local loudness regulations.

Getting analytical reports about the integrated loudness of each program segment is no longer a problem with the new smart solution from Jünger Audio and Tecom Group.

**jünger**

**Loudness Analyzer**

- Level Magic™ loudness processing and measurement according to all worldwide standards (incl. ITU-R BS.1770 (all revisions), EBU R 128, ATSC A/85, ARIB TR-B32, Free TV OP-59 and Portaria 354)
- Dynamic range management, dynamic equalizing, true-peak limiting and many more processing options
- Network-based multi-channel and multi-format audio monitoring
- Logging of momentary, short-term and integrated loudness plus true-peak input and output values with J\*AM Loudness Logger software
- File-based loudness compliance verification and normalization
- Compatibility with various playout automation systems
- Calculation of integrated loudness of program blocks, ads and announcements based on the broadcast schedule
- Comparison of the neighboring events' integrated loudness
- Multiple formats, video player, automatic mode and other useful features



## Benefits:

- ✓ Off-the-shelf hardware solution (no additional hardware is required)
- ✓ Analytical information about the integrated loudness of each event
- ✓ Compliance with international loudness standards and regulations
- ✓ Detection of loudness regulations infringements
- ✓ Network based measurement data delivery
- ✓ Better performance
- ✓ Regulatory reporting
- ✓ Improved audience trust