



TITAN Recorder

POWERFUL, FLEXIBLE, RELIABLE STREAM-DELAY SOLUTION

As broadcasters transmit TV programs across multiple time zones, the ability to delay streams has become critical.

TITAN Recorder is a powerful, flexible, and reliable stream-delay solution that can adapt to a wide range of ecosystems and with secure 24/7 service.

Powerful

Supporting multiple types of streams – SDI, SMPTE 2022-6, and MPEG-2 TS over IP – it enables both pre- and post-encoding stream-delay. **TITAN Recorder** also preserves incoming audio and video quality and makes it possible to change signaling at the output (e.g., adding service names or EIT timestamps for MPEG-2 TS).

Flexible

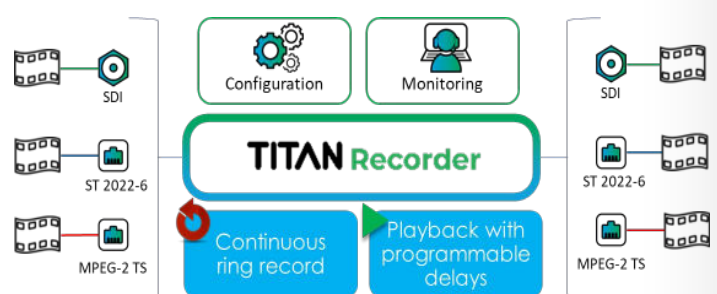
A cloud-native product, **TITAN Recorder** can deploy and run on-premises, on any COTS server, or in the public cloud. It offers outstanding density, enabling multiple programmable delays on dozens of incoming streams.

Reliable

With advanced automation, **TITAN Recorder** can automatically react to unexpected events such as input signal outage (by playing substitute material). Dynamic configuration (i.e., without service interruption) is also possible, including the delay values for daylight savings. The solution can be fully integrated into the Ateme PILOT Manager network management system, enabling a robust service with 1+1 redundancy scheme.

Easy to Use

TITAN Recorder is delivered natively with a control REST API and an easy-to-use web-based graphic user interface, with intuitive monitoring dashboards for easy management.



Key Features

- **Support for multiple formats:** SDI, SMPTE 2022-6 and MPEG-2 TS IOs
- **Microservices-based architecture**
- **High density**
- **Frame-accurate, constant, and programmable delay:** from 1 minute to 24 hours
- **Dynamic configuration:** modification of IP sources and/or destinations, time delay value, etc.
- **Fault tolerance:** playback of substitute materials in case of data loss; full support for 1 + 1 redundancy architecture
- **Advanced monitoring utilities**
- **Independent record and playback services**
- **Can be fully integrated** into Ateme PILOT Manager

Value-added Benefits

- Cost efficient and scalable
- High level of reliability and control
- Flexible with seamless integration in any environment
- Easy to deploy, easy to operate
- Secure and robust 24-hour service