

## ASI Killer



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### Description

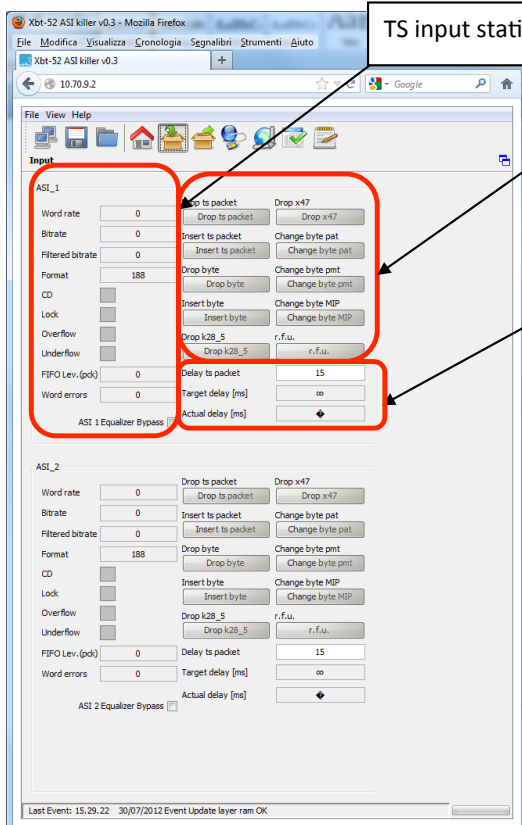
It allows in a simple manner and without need for additional tools to inject errors or delay in a TS.

Generated errors:

- Drop TS packet: delete one random packet from the TS
- Insert TS packet: insert one packet in a random position of the TS
- Drop byte: delete one random byte from the TS
- Insert byte: insert one byte in a random position of the TS
- Drop k28\_5: generates an ASI word error
- Drop x47: delete the Sync byte of a random packet
- Change byte PAT: induce one error in the PAT
- Change byte PMT: induce one error in the PMT
- Change MIP: induce one error in the MIP

Induced delay:

- Delay TS packet: insert a delay as number of TS packets stored and forwarded
- Target delay: the delay time to be reached
- Actual delay: the delay time actually reached

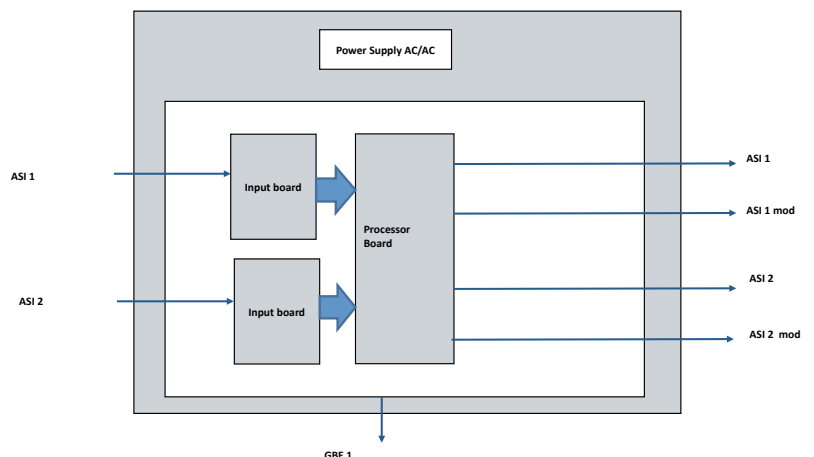


> ASI Killer Interface

TS input statistics

Generate errors

Induce delay



> ASI Killer Interface Block diagram

