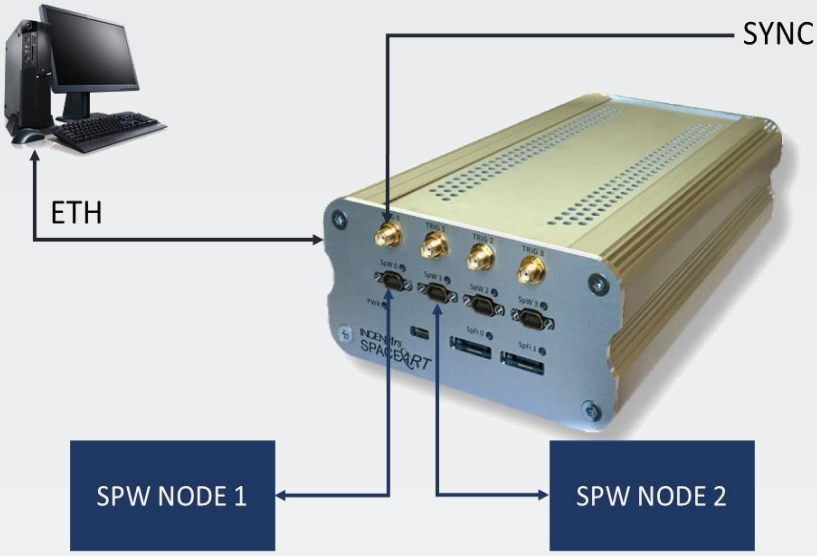
SpaceART® SpaceWire Sniffer

The SpaceART® SpaceWire Sniffer unit allows the analysis of **SpaceWire communication between two nodes at character level**, with no interaction with the communication. SpaceART® SpaceWire Sniffer is specifically designed for those applications which require long SpaceWire acquisitions and advanced trigger conditions to facilitate the acquisition of the portion of interest. It can be used as an effective tool for analyzing SpaceWire communication between two nodes in order to troubleshoot the most hidden flaws, thanks to the high recording capability and advanced trigger conditions.



Key Features

- Unobtrusive SpW link monitoring
- SpW traffic speeds up to 200 Mbps
- Gigabit-Ethernet interface for host PC communication
- Built-in advanced SpW traffic visualization features with customizable XML parser to easily analyze custom-defined SpW protocols
- Complex trigger conditions to start the acquisition
- External Synchronization via SMA connector
- Acquisition available in Human readable and binary files
- 256 MB memory for traffic snapshot
- Disconnect error injection - asynchronous or synchronous - to external SYNC signal

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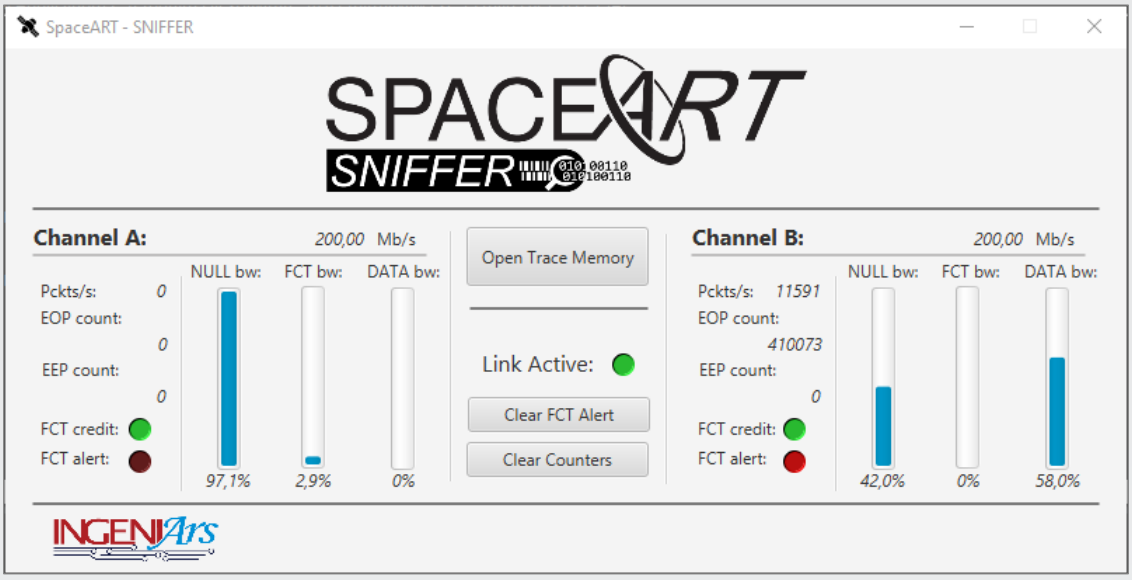
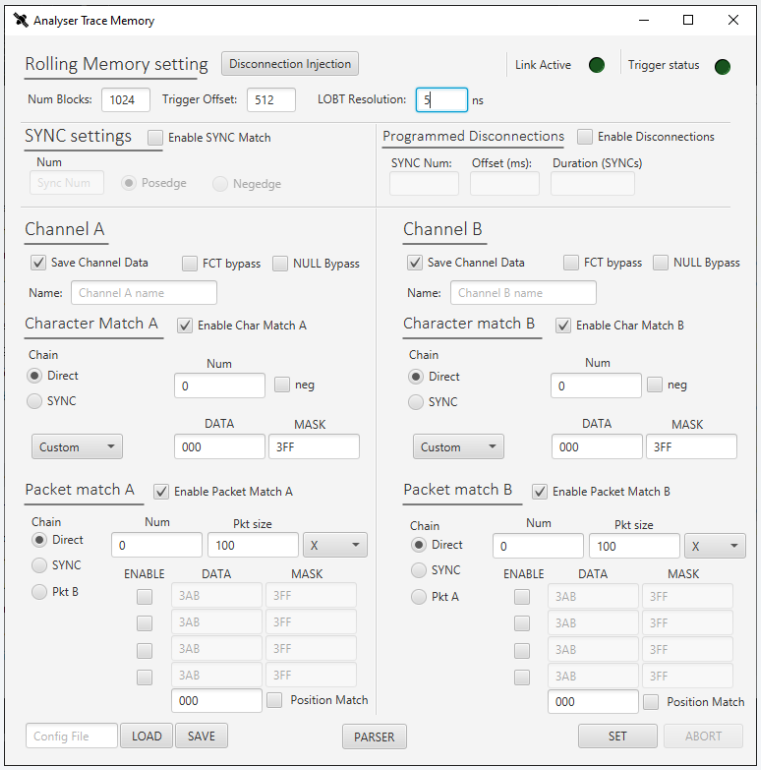
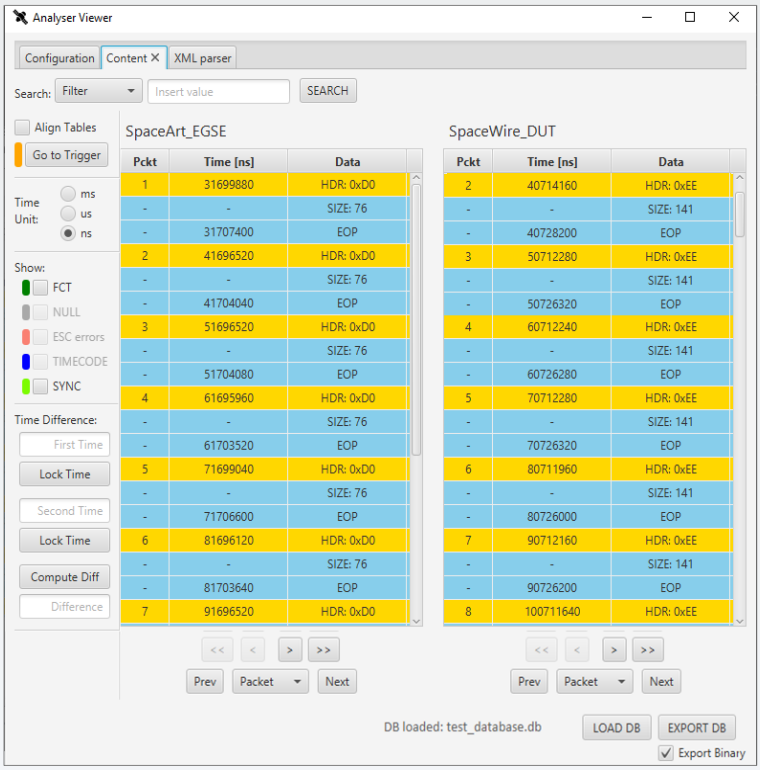
Simple yet powerful Graphical User Interface



Trigger and acquisition setting



Advanced SpaceWire traffic visualization



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