

iSAFT PVS With Time Triggered ethernet Capabilities

by Mr Fotis Kostopoulos (Teletel SA)

TELETEL SA provides the iSAFT protocol validation platform, which is an advanced, integrated, high performing, modern platform for the simulation, validation & monitoring of a wide range of satellite/spacecraft on-board communication protocols and data networks (SpaceWire, MIL-STD-1553, CAN). Its variety of features makes it suitable for use in many different areas including simulation, prototyping, traffic generation, protocol analysis/recording etc.

In the context of the current ESA contract, ("iSAFT PVS with time Triggered Ethernet capabilities"), TELETEL SA (in collaboration with ADS and ASL) has developed a TTEthernet verification-SPY tool and performed a feasibility study with respect to the development of a TTEthernet End System simulation/traffic generation & fault injection tool.