

## ***Next Generation Generic Spacecraft Interfaces***

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Next Generation Generic Spacecraft Interfaces – ProUST FE Extension – a Space product improvement ProUST (Protection Unit for Satellite Testing) is a product family of Siemens Convergence Creators GmbH, which consists of ProUST SLP (Second Level Protection), ProUST FE (Frontend) and ProUST UniverSAS (Solar Array Simulator). From 2014/2016, the product ProUST FE has been extended by performance improvement of interface protocol categories like MILBUS, Spacewire, Serial Interfaces and by a RealTime Framework.

This allows to support with a single 1HU 19" equipment a wide variety of Space Interfaces for the application of Instrument EGSE or other SCOE's. The ProUSTFE product has been successfully validated in various missions, including MTG, EDRS and Solar Orbiter.