

Outstanding - "There is no Mission  
Impossible for MANNER!"

- Modular & flexible for in-situ measurements
- Miniaturized by ultra-high package density engineered to the customer's needs
- Analysis Software engineered by MANNER
- APEX Software interface

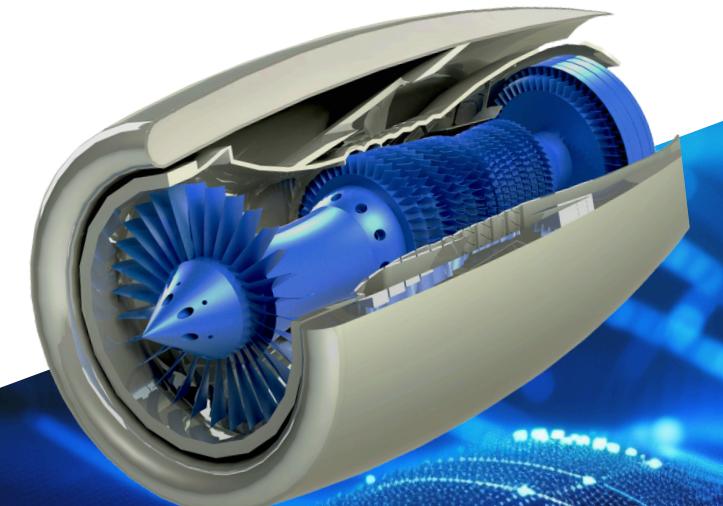


Manner - Where other see darkness,

**We get Data!**



## Aero Engine & Turbomachinery Telemetry



- Up to 170°C (338°F) temperature resistant
- Up to 256 simultaneous channels
- Up to 200 kHz sample rate @ 16 bit resolution
- Fully digital transmission
- Fully remotely adjustable
- Real-time telemetry health monitoring

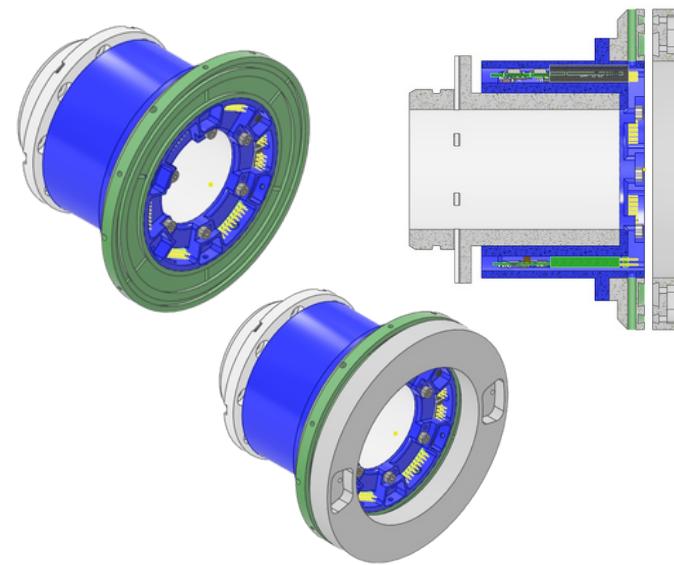
# Exampels

# System Setup / Monitoring / Data Analysis & Acquisition

## AXIAL:

Axial coupler configuration

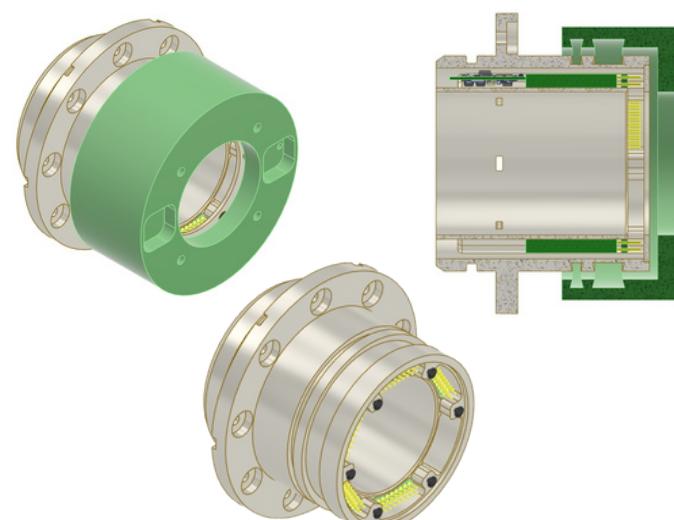
Flexy System with exchangeable modules



## RADIAL:

Radial coupler configuration

Flexy System with exchangeable modules



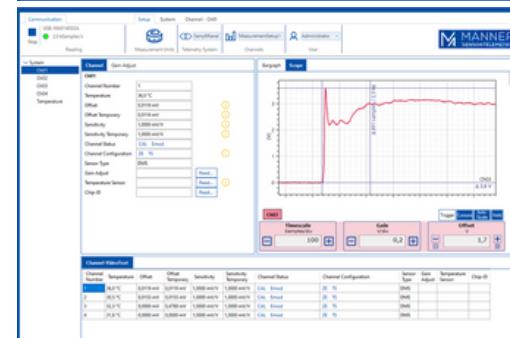
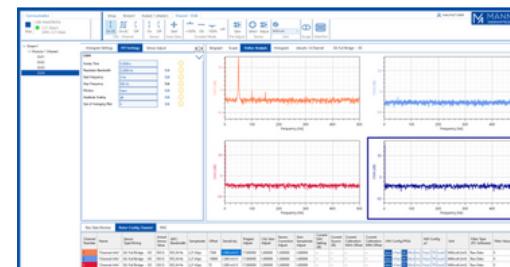
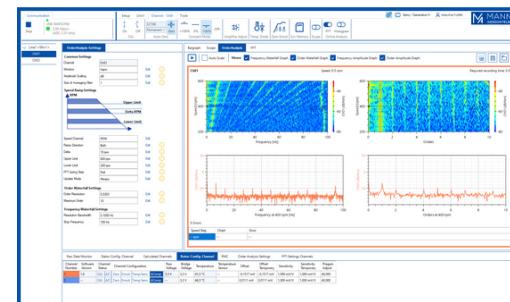
## System setup

## Acquisition of data

## Monitoring the health data of the telemetry system

## Monitoring the health data of the sensors, identifying

- Open lines
- Shortcut lines



## Defining trigger values for alerts

## Data around the alert will be recorded to be able to investigate later

## Realtime analyzing tools like

- FFT
- Waterfall Charts
- Oscilloscope
- Bargraph
- xy-Diagram
- Order Diagram

