



Avionics Databus  
Solutions

# Testing for the Future – Today!

**Interface Modules – Analysis Software –  
Systems Solutions**

[www.aim-online.com](http://www.aim-online.com)

# AIM – 35 years of avionics expertise



## Ladies and gentlemen, dear readers,

we are AIM – recognized specialists for innovative and pioneering products for avionics testing and simulation. We work for leading aerospace and defence companies around the globe and are one of the most sought-after suppliers worldwide – we are the European market leader in the military sector.

Founded in 1989 and growing steadily since then, we now employ around 50 people and have sales offices in the UK and Munich as well as a subsidiary, AIM USA LLC, in addition to our headquarters in Freiburg. We have participated in various of EU-funded research projects in the past and have launched market-defining innovations in the course of our company's history.

We are there for our clients throughout all project phases and work in hand to assure their success. We master all requirements in the areas of design, development, integration, production, testing and analyses and are well regarded for our in-depth specialist knowledge in all business areas.

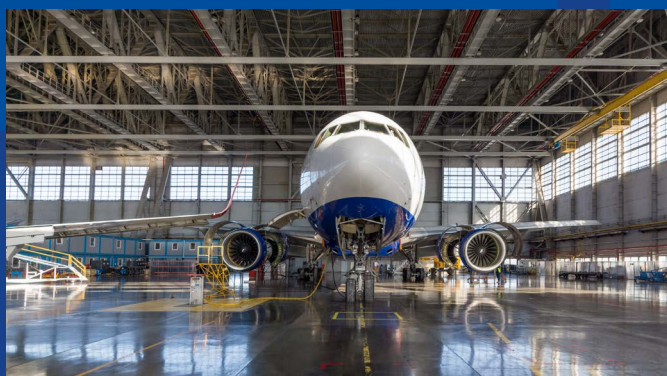
Our customer support is also particularly well positioned with worldwide customer proximity. We offer a network of selected partner companies in numerous countries on all five continents, with whom we have been working successfully for many years. Thanks to regular training on our products, our partners offer first class leading support.

If you have any questions about our products and services, please do not hesitate to contact us.

Best regards

Joachim Schuler, Julia Frey, Maximilian Schweinsteiger  
General Management





# AIM – products and innovations

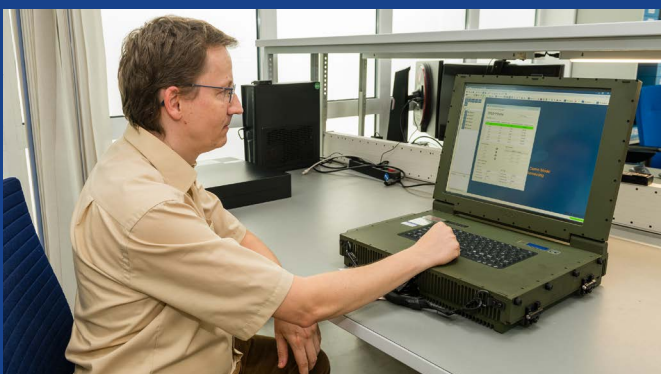


The avionics devices in an aircraft are connected to each other in order to exchange data. These data connections or interfaces can be data buses, serial point-to-point connections or networks, whereby the data exchange is defined by industry standard protocols. With the test cards developed by AIM, these protocols can be simulated, tested, analyzed and recorded.

At our company headquarters in Freiburg, we develop, program and manufacture a wide range of products in industry-standard formats – in accordance with all applicable standards and directives (RoHS/WEEE, REACH, EMC, etc.). In addition to advanced test and simulation modules, our range also includes embedded interfaces, data bus test and analysis software, data loaders and complete system solutions.

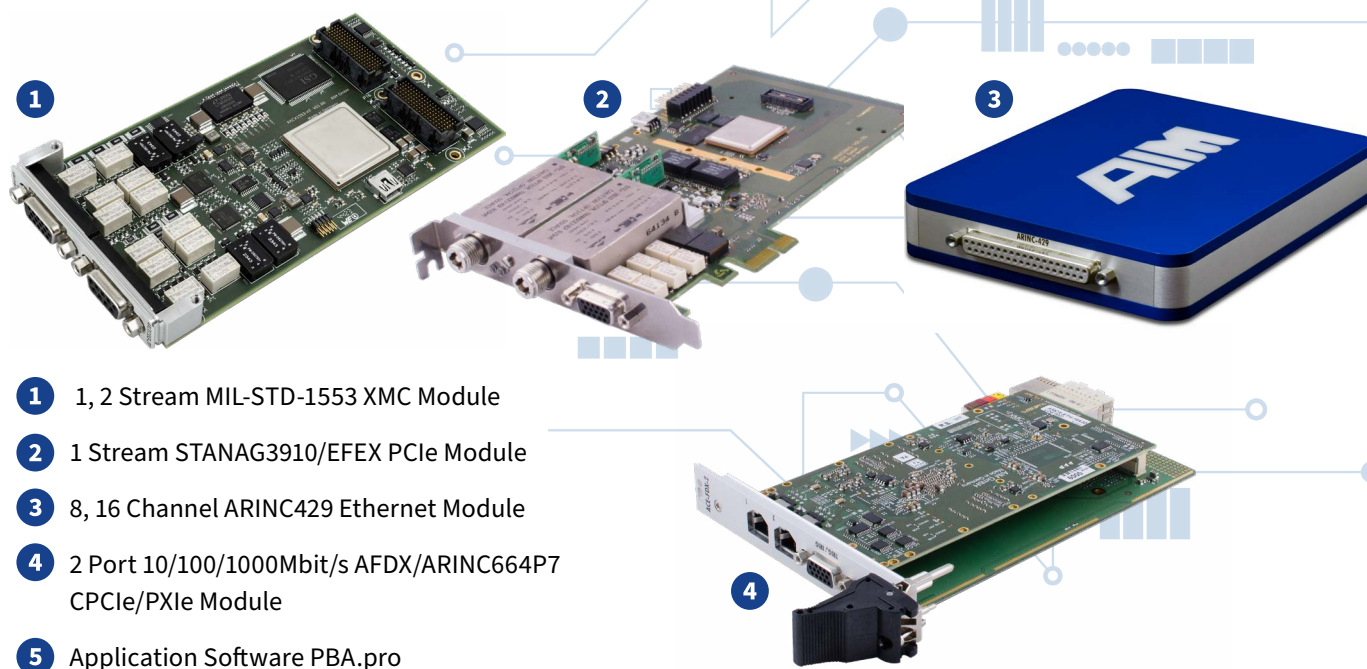
Thanks to our expertise and decades of experience, we can meet virtually any avionics test and simulation requirements. We develop customized solutions. These typically include AIM interfaces and PBA.pro software as well as other interfaces from other manufacturers and are available as complete solutions integrated in mechanical racks with power supplies, patch panels, etc. On request, we can also supply our modules with an extended temperature range and conformal coating.

In addition to our range of standard connection cables and connectors for AIM products, we also provide other cables and accessories.





## Products



- 1, 2 Stream MIL-STD-1553 XMC Module
- 1 Stream STANAG3910/EFEX PCIe Module
- 8, 16 Channel ARINC429 Ethernet Module
- 2 Port 10/100/1000Mbit/s AFDX/ARINC664P7 CPICe/PXle Module
- Application Software PBA.pro

**We are certified:**  
• **ISO9001:2015**



Find more: <https://www.aim-online.com/products-overview/product-search/>

# Customer support



With more than three decades of experience, innovative thinking and expertise, we develop and manufacture state-of-the-art avionics products and systems with first-class technical support. Our customers benefit from proven hardware design baselines, common Application Programming Interfaces (APIs) and a revolutionary PBA.pro software framework.

In the download area of our website we provide product manuals, software and video tutorials. We also offer our customers a range of standard training courses and workshops for the PBA.pro data bus test and analysis software. These can be held on site, at the AIM headquarters or as an online seminar. Workshops on data bus technology or board programming (API) can be offered as a dedicated service on request.

**Kräter, Lubitz & Co.**  
Assekuranzmakler + Finanzservice GmbH

*Erfolgreich, persönlich, lebensbegleitend.*

**Ihr Partner für das Gewerbe**

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**tecnotron**

**E<sup>2</sup>MS expert for aviation and defence**

- Development: DO-254 / DO-178 / MIL-STDs
- Manufacturing: IPC class 3 / ECSS
- DIN EN 9100

**Quality made in Germany, for more than 45 years.**

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# AIM's worldwide network



We have 4 locations in Germany, the UK and the USA and cooperate with around 35 AIM representatives worldwide – partner companies with trained personnel who have specialized knowledge of AIM products and offer first-level support.



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