

# Press release

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Avionics Databus  
Solutions

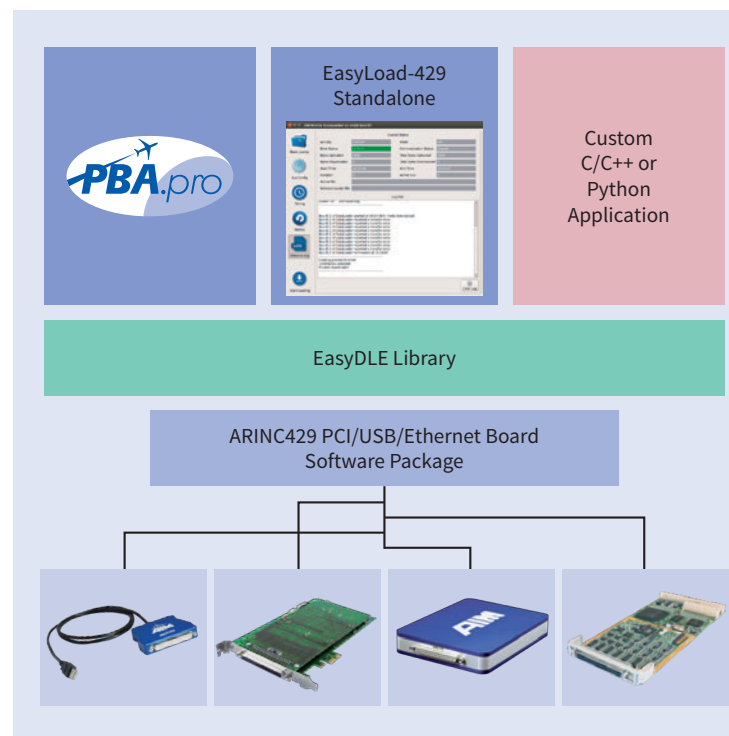
# 'EasyDLE' Supports ARINC615-3/4 Dataloading

**AIM GmbH has just introduced a new solution to load Airborne Computer Systems which use the legacy ARINC615-3/4 protocol over ARINC429.**

The EasyDLE (Data Loading Engine) is available as a Software library for Windows and Linux Operating Systems enabling users to integrate into their custom applications. Standard AIM ARINC429 interface devices (available in a wide variety of form factors) support the EasyDLE library.

AIM's ARINC429 Product Responsible, Markus Melcher tells us 'The key benefit of our new library is the fact it's able to simulate multiple Data Loader instances at the same time, plus handle concurrent load processing on different ARINC615 buses (ARINC429 Tx/Rx pairs). Each bus can be configured with a unique set of response timeouts for the various protocol handling stages. Our users can configure the protocol parameters like the number of retries and the timeout values providing a high level of flexibility and adaptation of the EasyDLE to match that of any unit to be loaded. Users are also free to write their own loader applications in C/C++ or simply by using the library's object-oriented Python programming interface'.

In addition, AIM has extended the industry standard PBA.pro Databus Test & Analysis Software to support the EasyDLE. This enables users to quickly set-up, configure and perform 615-3/4 Data Loading via a Graphical User Interface. The PBA.pro extension is attached to the PBA.pro ARINC429 component, which provides avionics engineers the ability to investigate loading failures by capturing, decoding and visualizing the ARINC615 and any ARINC429 bus traffic. A standalone 615-3/4 Data Loader application, the EasyLoad-429, is also available.



AIM has offices in the UK and the USA with the main design and manufacturing facilities based in Freiburg, Germany.

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