All things digital and connected

Embedded systems exist in many hardware formats and platforms and developers must see that their Java code runs on any platforms, whatever the OS and CPU in use. aicas’ embedded technology supports the largest set of (RT)OS and CPU available in embedded. Our experience spans over 15 years of delivering Java-based frameworks that run the code independently from the hardware. Our IoT solutions provide effective management of data throughput for decision-oriented analysis which increasingly benefits from Machine Learning and Artificial Intelligence.

Run Edge Computing in Realtime

Use Case: Perrone

A leader in mobile robotics solutions, Perrone Robotics is an important partner to aicas. Both companies engage in developing new approaches to guaranteeing safety in vehicle autonomy and view realtime-managed runtimes and high-level languages as a relevant path to address the complexity of such applications.
aicas for industries

Automotive
The vehicle of the future is a computer on wheels running an ever-growing number of third-party applications. The comprehensive Application frameworks of aicas allows to manage them.

Embedded
The proven aicas embedded tools bring simpler and safer coding to complex applications. With the rise in cloud storage developers for embedded systems are keen to adopt on- and off-prem solutions.

Industrial IoT
Digital Manufacturing is transforming how companies generate value. aicas’ IIoT solutions enable deployment and operation of data analytics and control logic at the network’s edge in realtime.

aicas’ solutions

JamaicaCAR
JamaicaCAR is a secure, connected, lightweight application framework for car headunits and In-vehicle infotainment systems. It allows to securely develop, deploy and manage a new generation of apps and services for connected transportation with safety built in.

JamaicaVM
JamaicaVM is a hard realtime Java bytecode-based Virtual Machine, with fully deterministic and preemptable garbage collection. JamaicaVM has been optimized for use in critical embedded platforms.

Jamaica-IoT
Jamaica-IoT is a secure, connected, lightweight application framework for the IIoT. Operators can manage signature verified secure downloads, installations and execution of components and Apps by remotely monitoring and controlling runtime.

Contact us!

Europe
aicas GmbH
Emmy-Noether-Str. 9
76131 Karlsruhe
Germany
sales-eu@aicas.com

America
aicas America Limited
4023 Kennett Pike, Suite 810
Wilmington, DE 19807
USA
sales-us@aicas.com
www.aicas.com/contact