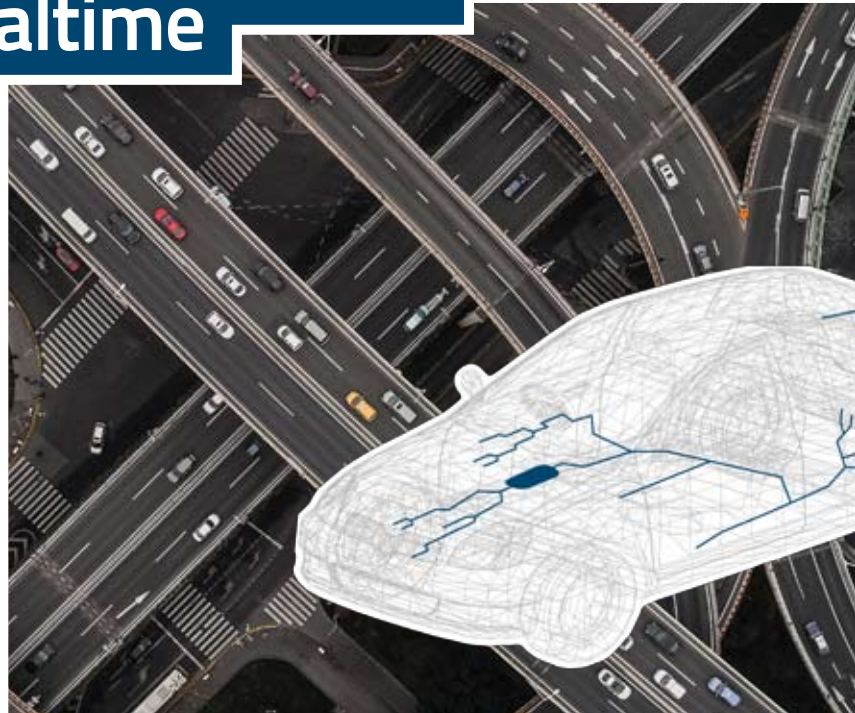


Empowering **Things**  
in **Realtime**



# EMPOWERING THINGS IN REALTIME

Digitalization and mobile connectivity are transforming global businesses in areas of industrial manufacturing, energy sectors, smart building management and connected transportation. The time is now for leaders in business and technology to get ready for the challenges and benefits of realtime and secure data usage in Industrial IoT, smart power grids or autonomous transport solutions.

## 1 // This is aicas

Our team at aicas has worked with customers in industrial, automotive, and other embedded software segments for almost two decades now. Originally starting out of the high-tech and academic environment in Karlsruhe, Germany, aicas has grown into a global high-tech firm with European and American branches serving global customers. Some of the largest suppliers in automotive and industrial segments use aicas software solutions and build on aicas expertise to empower their millions of devices and vehicles.



## We are plugged in ...

2 //

We recognized early on that industries will become digitized and connected at all levels across their value chains, internally and across the globe. At aicas, we understand the importance of efficient and secure dataflows across devices to make this happen. We know about Industrial IoT, Artificial Intelligence and Machine Learning driving new business outcomes in manufacturing and assisting companies to shape new user experiences in a connected automotive world. Our solutions combine security with modularity, portability and a light footprint.

Let us help you in your digital journey!

# 5 //

## We are known for

- Premier embedded software solutions leveraging global JAVA standards
- Embedded tools that bring simpler and safer coding to complex applications
- Safe and secure device management for a connected world, downstream and upstream
- Integrating operating and information technologies – OT and IT – with a clear focus on business value and operational process improvement and execution
- The agility, flexibility and tenacity of a small innovative company to get things done

# 4 //

## Fields our customers and partners are in

- **Automotive and transportation** – we work with automotive OEMs and their 1st Tiers, agriculture vehicle manufacturers as well as autonomous driving start-ups
- **Industrial manufacturing and materials handling** – we enable large and mid-size industrial companies in the areas of production and process control and quality assurance
- **Embedded markets** – we bring realtime Java embedded software solutions to a variety of mission critical applications in various industries
- **Partners** – we provide leadership and sponsor several cross-company initiatives such as the Industrial Internet Consortium (IIC), OSGI, EdgeX Foundry or Industry 4.0

# 3 //

## The industries we focus on

- **All Things Digital and Connected** – Billions of new digital devices and integrated processes drive industries to become agile and more flexible in a connected mobile world. Vast amounts of data collected can reward those firms able to process and analyze their data in realtime.
- **Moving Things Smarter – Offering New Experiences** – Offering New Experiences – New on- and off-highway autonomous vehicles are driving into connected Smart Cities, and can be used in Agriculture Tech or innovative mining. Corporations and consumers will take advantage of many new service offerings from private and public partnerships, from infotainment to advanced security platforms.
- **The Factory Floor of the Future** – Digital manufacturing and automated factories require all “things” to be interconnected, to monitor operational processes on and beyond the factory floors. Digital twins, data Business Intelligence, and analytics solutions provide new forms of visualization and interaction for product development.



# 6 //

## Key solutions we offer

**Jamaica-IoT:** a secure, downloadable, connected, lightweight application framework for Industrial IoT.

**JamaicaVM:** a hard realtime Java Virtual Machine optimized for use in critical embedded platforms and operational processes.

**JamaicaCAR:** a connected, downloadable, lightweight, secure application framework for car headunits and In-vehicle infotainment systems.

**Grow** your services,  
improve  
your **experiences.**

7//

## We work with your team

We work closely with you to understand your business challenges and to define the best solutions to address your current and future business needs.

Our international team provides software development and integration services to compliment your current systems. We offer flexibly as part of a larger team, you lead, across a range of solution partners and vendors, or as a stand-alone option. We will meet with you to dive into your specific business and technical needs and together with our technical architects develop the solution that works for your business and delivers the benefits you target. Implementation isn't completed until you achieve the desired results and outcomes.



## Move in realtime and bring your Industrial IoT to the edge.

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## Connect with us

Our sales teams in the North America and Europe, as well as our development team in Karlsruhe, Germany are ready to connect with you on this business journey. Reach out to any of our contacts or connect via: [www.aicas.com/contact](http://www.aicas.com/contact)

**We look forward to working with you!**

# REALTIME

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