



IoT made simple.



CHARTING THE RIGHT COURSE

From a solid understanding of your business model to bringing your opportunity to life as an IoT solution with technology you can rely on, AVIC masters every aspect of creating successful IoT solutions, with a proven track record of many years and many satisfied customers



EN ROUTE TOGETHER

AVIC will accompany you on every step of the way, from thoroughly understanding your business needs, to all-round operation of your IoT solution, allowing you and your business to reach new horizons.

A SMOOTH IOT JOURNEY

Making use of the unique Avic readyto-go IoT building blocks, rather than starting from scratch, gives you a head start from which your business will benefit, shortening your time-to-market, while reducing your investment and risks. With AVIC, creating IoT that works is a breeze.





DISCOVERING THE IOT SUCCES FACTORS

The quintessence of launching a succesful IoT solution is finding the right balance between the envisioned value proposition and its technological feasibilities.

This can only be achieved by bringing a good understanding of market dynamics together with the skills and knowledge of IoT experts such as AVIC.



LOT THAT WORKS FOR YOU

The key challenge in building a value-creating IoT solution is being able to translate business model requirements to truly distinguishing products and services. Before anything else, determine the right business drivers for employing IoT: whether it is insipred by achieving operational excellence, improving customer intimacy, or establishing product leadership.

How your business and your customers will benefit from new value propositions that use IoT, is one of the major questions to which AVIC will help you find meaningful answers.

You will discover that IoT will touch every aspect of your business.





Together with our business partners, we embark on a creative journey to jointly translate commercial objectives into a realistic loT solution blueprint.



IOT LEADERSHIP COMBINED WITH MARKET EXPERTISE

The Internet of Things (IoT) is not just about devices, sensors, or connectivity. First and foremost, it is about creating new value propositions by defining new business models that thrive when IoT technology is smartly used.

To be succesful in IoT, market segment expertise as well as technological leadership are needed, and they are rarely found in one and the same organization.

Partnerships significantly increase the odds that new business opportunities will lead to a rewarding commercial success

Your knowledge of the markets and customers you serve is vitally important in achieving this goal, for which AVIC offers you the IoT building blocks that will not limit your creativity in any way.





Solid IoT knowledge

Avic masters every aspect of IoT, from device design to connectivity, and solution creation to operation.

Reliable operation

The LegioBox devices work flawlessly with the Avision IoT Platform, without downtime or interruptions.

Proven track record

Benefit from Avic's many years of experience, with hundreds of satisfied users and an installed base of thousands of IoT devices.



THE RIGHT COURSE OF ACTION

Combining your market expertise with IoT knowledge and experience is the first step on the way of turning your idea into a working IoT solution.

IoT needs field-installed hardware devices, connectivity, and a software platform that brings everything together, from managing your devices to visualizing information and automating workflows.

AVIC offers a comprehensive portfolio of LegioBox IoT devices that work right out-of-the-box with the Avision IoT Platform.

Basing your IoT solution on such a tightly and elegantly integrated foundation ensures that your IoT solution will work reliably, and can be launched within budget and on time.





Visualize your data

Turn data into actionable information that makes sense.

- Interactive user dashboards
- Automatically generated reports
- Audit trails and document management

Streamline your information

Manage the entire life cycle of your infrastructure. fleet, and facilities:

- Automated workflow processes
- Full-featured device and asset management
- · Issue ticketing

Mobilize your workforce

Anytime, anywhere access to information to steer your business:

- Task management with entry forms
- Role-based user management
- SLA-triggered work scheduling

Integrate with other software

Integrate with your organization's operational, billing and ERP systems:

- Manual import/export of data
- Business-specific connectors
- · API connectivity

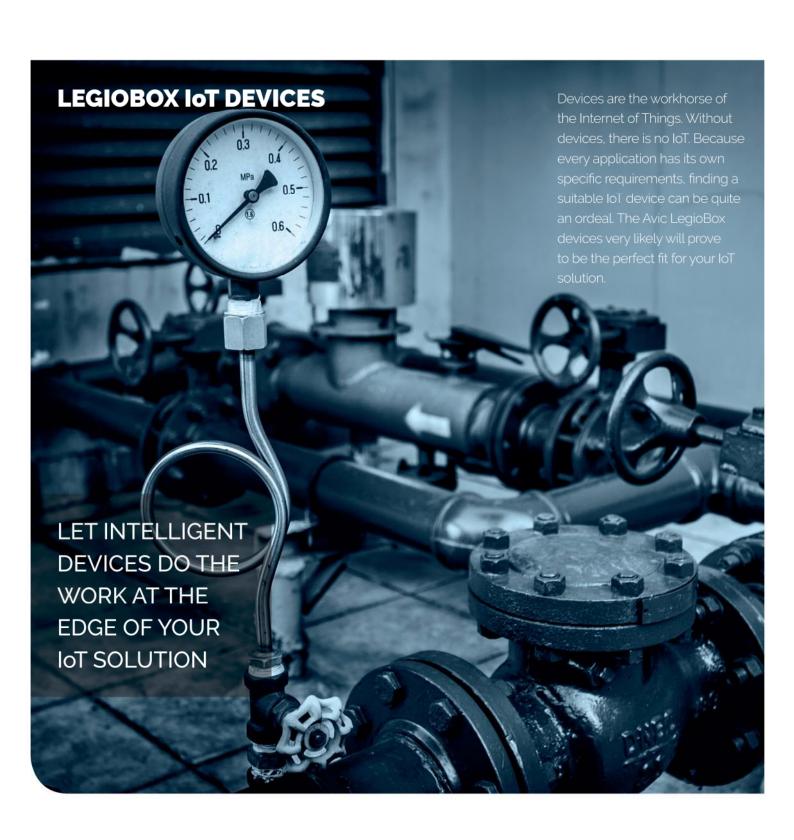
IOT WITHOUT BOUNDARIES

To bring your idea to life as an IoT solution, business expertise must find its way into new products and services. With complete creation flexibility and freedom, AVIC's ground-breaking Avision IoT Platform connects the dots exactly how you have it in mind.

Free of frills and intentionally designed for IoT, the Avision IoT Platform supports every aspect of your IoT solution, from managing the IoT devices and their connectivity, to producing the insights and running the business processes that will put IoT to work for you.

Because at the end of the day, this is what IoT is all about...





Robust design and easy connectivity

AVIC LegioBox IoT devices are designed for operation in harsh environments with ample protection against the roughest conditions. Attaching a sensor has been made as simple as possible with standardized connectors.

Wide choice of device functions

Whatever functionality your IoT solution demands, the LegioBox IoT devices will meet the requirements AVIC's smart device design allows virtually any arrangement of functions

Seamless integration with Avision

A compelling and unique advantage the LegioBox devices have to offer is the close integration with the Avision IoT Platform, empowering you to define the functional behavior without programming.

RUGGED, RELIABLE, AND ENERGY-EFFICIENT

To ensure that your IoT solution will work worry-free for many years, AVIC has put all its experience and creativity in its new range of future-proof LegioBox IoT devices: from their compact and robust enclosure to its flexible and clever interface configuration scheme.

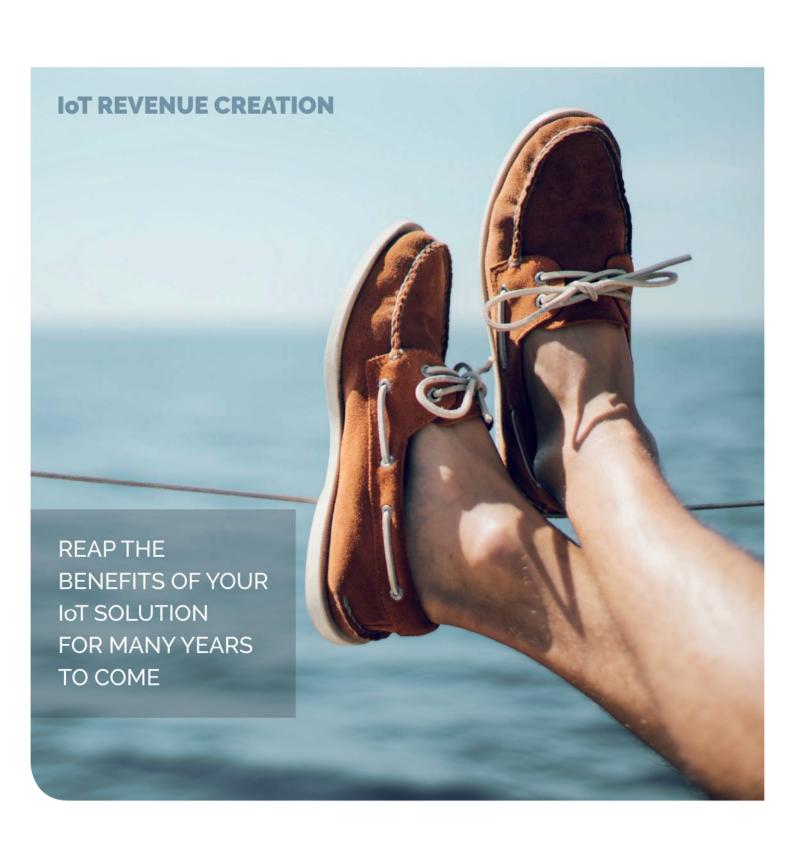
The LegioBox device functions are programmed over-the-air, making it straightforward to define and modify its behavior at any time. Based on a strong

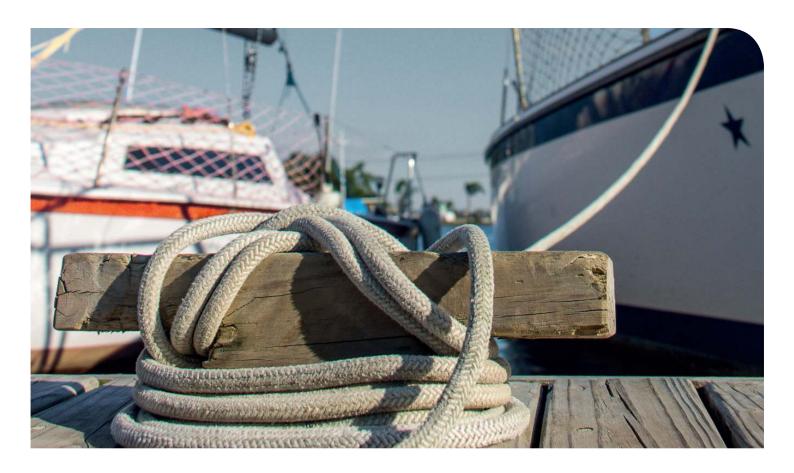
legacy, the current LegioBox IoT devices have their roots in the well-established original LegioBox hardware.

Device management, secure communication, data storage and processing have been put to the test in many solutions, giving you the peace of mind that your device will not fail on you.









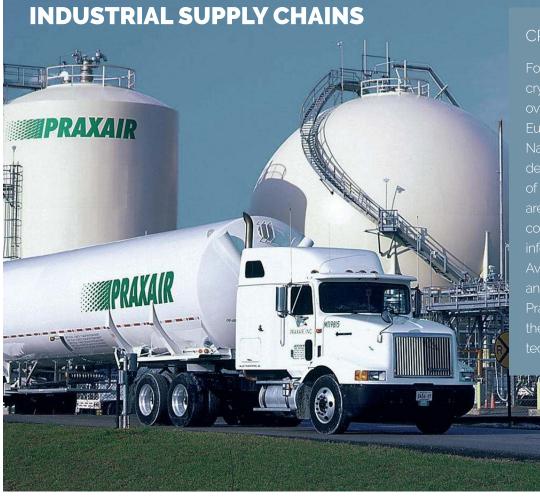
IOT WITH A SOLID BOTTOM LINE

Once deployed, the IoT solution must deliver on its promised value.

To maximize the operational result for our business partners, AVIC provides an allencompasing service for operating and maintaining the IoT solution, as well managing the entire supply chain, so our partners can give full attention to their business and customers.

But perhaps the most valuable contribution we have to offer to the business of our partners is AVIC's recurring revenue sharing model. It ensures that your IoT value proposition will reliably generate income over many years, and that our partnership with you lead to a lasting relationship.

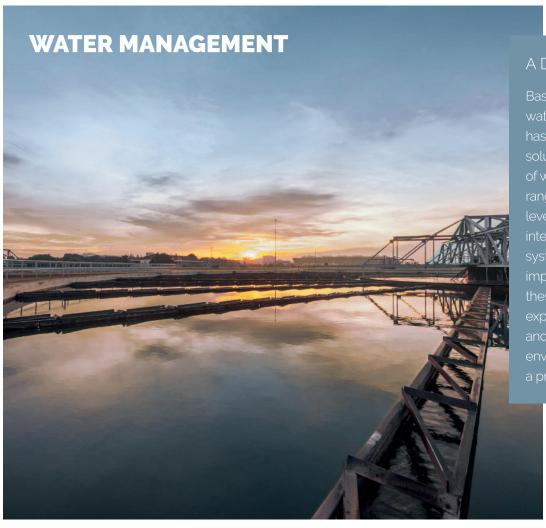




CRYOGENIC GAS TANKS

For Praxair, a major supplier of cryogenic gases, Avic monitors over 5,000 storage tanks across Europe. Using the LegioBox NanoGate and SolarGate IoT devices, volume and pressure of the stored liquid gases are measured. Using cellular connectivity the inventory information is neatly presented in Avision. Ensuring timely delivery, and monitoring product integrity, Praxair has complete insight into the supply chain with Avic's IoT technology,





A DUTCH AFFAIR

Based and well-rooted in the water-rich Netherlands, Avic has developed various IoT solutions that deal with all sorts of water management issues: ranging from surface water level monitoring to guarding the integrity of dikes, and sewage system measurements. Properly implementing IoT solutions in these segments requires broad expertise in sensor technology, and dealing with harsh enviroments. Avic has developed a proven track record in both.









HACCP COMPLIANCE

As an example of an outof-the-box IoT solution, Avic
has developed a food quality
tracking system for meeting
HACCP compliance, Using
PicoWise wireless temperature
sensors and a NanoGate as
wireless gateway, the core
temperature of stored foods is
accurately determined in real
time with advanced and verified
algorithms. Automated reporting
on Avision makes this a turn-key
of solution that makes HACCP
a simple procedure.





ACCESS GATE SYSTEMS

ABC Security Systems wished to enhance its service offering for maintenance of access gates in order to deliver a better customer experience. A custom IoT device, built to ABC's specifications, has been designed based on the LegioBox architecture. Relevant parameters such as current consumption and ambient temperature, as well as all gate operation are monitored in real time and made accessible in Avision, making ABC's ambition a reality.





RAILWAY MONITORING

Arguably one of the most challenging environments for IoT solutions are railways, if only because external powering is rarely possible. Avic has created many, often highly specialized, solutions for performing railway measurements, ranging from railbar inclination to temperature monitoring of spurs to prevent freezing in winterly weather conditions. Avic's expertise in sensor technology and low-power rugged IoT devices are a great advantage in such projects.







RAILWAY SENSORS



AVISION REPORTING







REAL-LIFE IoT

Building an IoT solution that ticks like a clockwork, is a matter of getting started and use your own creativity to put your initial ideas into practice.

From experience with many customers, we can reassure you that once you get moving and start seeing how much IoT can actually do for you, new possibilities will be discovered that lead to novel brilliant ideas.

We encourage you to take a first step, and partner with us to embark on your own journey, creating your unique IoT solution that will offer new rewarding opportunities for many years to come.



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