IoT will rapidly increase operational efficiencies, improve customer satisfaction, assure compliance and capture new revenue streams.

Design your own application in Avision and transfer your IoT ideas into reality in just a few mouse clicks with our codeless IoT platform.

DO NOT MISS ANY IOT OPPORTUNITY ANYMORE

Start with AVISION & Do IoT yourself in one day:

- Asset management
- Device management
- Maintenance management

AVIC AVISION
Solutions for the Internet of Things
THINGS CHANGE

And if there’s any universal truth about the Internet of Things, it may well be just that. While you may have a clear vision on how your business should employ IoT today, there’s a fair chance that you will adapt as you move forward and discover new opportunities.

Having a platform at your disposal that allows you to explore your ideas and scale your business is a vital element of your IoT strategy. And if all this can be done incrementally with little development effort, and without any disruption of your ongoing business activities, you have paved the way for future innovation and growth.

Avision delivers all the bells and whistles that you expect from an IoT platform, from visualization to reporting, and from reliable scalability to state of the art security. What makes Avision unique in its kind is the codeless design flexibility and the smooth deployment of newly designed ideas to the real world of an already live IoT solution. Your customers, the end users of the Avision based IoT solution, will always experience reliability and robustness as the hallmark of your IoT enabled business.
**NODES OF KNOWLEDGE**

The Internet of Things is about connecting the dots, and in Avision these dots are called nodes. A node can be anything that conceptually exists in the real world of your IoT solution, from a geographical region to a physical elevator, and from a service department to the equipment for which they are responsible.

Interconnecting and structuring nodes in Avision is how you make sure that the knowledge is produced where the information is acquired. There are virtually no limits in modeling your IoT solution with nodes after the day to day activities of your business. The unique Avision nodes philosophy gently encourages you to consider how your business would best benefit from using IoT.

Years of experience with building IoT devices, data connectivity and network communication have materialized in one of the most versatile and robust device management technologies available today. The Avision platform even makes it possible to completely define and design the edge computing intelligence of a device and deploy it automatically.

**DEVICE MANAGEMENT**

Manage your sensor and devices in a very easy way. Keep the devices up to date and program and configure the devices over the air. For over 20 years this also applies to our reliable, true plug and play low power hardware solutions.

**EASY ACCESS TO YOUR DEVICES**

Avision offers an integrated, easy to use environment in which the IoT devices can be added, managed and maintained. Through the hardware dashboard you get detailed insight into the functioning and behavior of the IoT devices as well as their connected sensors. Devices can be programmed (edge computing) via your dashboard, parameterized and even provided with new firmware. The management of small numbers to thousands of devices is easily possible with device management from Avision.
MAINTENANCE MANAGEMENT

Create your own forms and inspection workflows. Distribute tasks and share the results on desktop phone or tablet and integrate with other systems.

DESIGN YOUR OWN WORKFLOW

With Avision it is possible to create your own inspection and maintenance forms. Forms may include (pull down) input fields, check boxes and signature fields. Do you want to upload additional documents or photos? No problem. It’s easy. Tasks can be defined and merged into workflows. Workflows can be started manually, scheduled or via an event. With the help of inspections, maintenance can be optimized. Inspection can guarantee compliance with laws and regulations. After completed workflows, automatic reports can be generated and distributed to the stakeholders. The yearly development of your data can be easily reviewed and used for predictive purposes.

CONVEY MAINTENANCE INFORMATION THAT’S VALUABLE

Automated tasks and workflows are what keeps the engine of your IoT solution humming. Triggered by schedulers or events, the Avision automation processes smoothly run the business logic of your IoT solution that you have designed the way you seem fit. Whatever you invent and create in Avision, will work reliably in your daily business operations, from reporting to following up on generated alarms. With Avision, your IoT solution will never skip a beat and always stay in tune with things happening in the real world.

Proper user management can be pretty cumbersome and overwhelming, but Avision solves this in a very elegant and adequate way. By defining role types and granting access with keys, who is allowed or supposed to do what is controlled in a very straightforward and diligent fashion. The Avision design environment lets you design the policies you need with the familiar codeless simplicity. Avision’s node based architecture provides a natural structure for assigning users to sections at any level of the IoT solution in a way that intuitively makes sense. Users can be grouped or categorized for even more granular access to the operational IoT solution. The flexible and comprehensive user management features that are built into Avision make keeping checks and balances a breeze.
CODELESS CREATIVITY

Avision is founded on the premise that building IoT solutions can be done without ever having to write a single line of code, while at the same time offering you complete creative freedom. Whatever you envision, you can make in the Avision design environment yourself, simply by composing and configuring the functionality that you need. The Avision platform will automatically implement the logic behind your ideas.

As an intrinsic aspect of IoT, new insights will lead you to new opportunities, and Avision’s platform is created to facilitate just that. The distinction between a ‘Live’ and ‘Design’ environment ensures that you are able to build new functionality while the tested and tried versions of your application continue to run undisturbed. Before a new version can even be activated, the extensive integrity verification features of Avision ensures that what is built and released will actually work reliably in practice.

Rolling out a new version of your IoT solution in Avision only takes the click of a button. Using Avision, you will never be limited in how new ideas convert into new functionality. And since you are the one who can build all this yourself, the investment for letting IoT grow with your business is only the time spent on being creative.

HOW AVISION MAKES IoT SIMPLE...

- **Codeless creativity** > building IoT solutions in Avision is done by configuration, without ever having to write a single line of code.

- **Elegant visualization** > any information that you want to convey is presented exactly the way you want in Avision.

- **Seamless IoT device integration** > field-installed IoT devices are managed and connected directly in avision.

- **Versatile alarming** > Avision delivers a multitude of triggers that can set off timely notifications of critical events.

- **Streamlined automation** > all your business processes can be defined and automatically operated from within Avision.

- **Well-balanced user engagement** > managing users and their access rights in Avision is straightforward without concessions.

- **Independent ownership** > thanks to Avision’s codeless design principle, new functionality can easily be built by your own organization.

- **Always on track** > new ideas can be tried, implemented, tested and as you learn and move along, without any disruptions.
Functions and program options can be made user dependent. This makes Avision the tool for every employee in which a maximum return is achieved with a short apprenticeship. Do you want to build your application yourself? With one push of a button you enter the Avision design environment where you can convert your ideas to your own IoT application without writing software code. If you want a custom-made application but you don’t want to build it yourself, no problem. Avic and its partners are always ready to build your application for you or to support you.
With more than 20 years of IoT experience and serving almost every industry with our hard and software we love to help you as well!

Call us for a free trial or demonstration

WHY WE CREATED AVISION

Our mission is to make IoT simple. In everything we do, this principle guides and leads us.

As such, Avision was created to make building, running and maintaining IoT solutions as simple as possible.

Terms and conditions.

User assumes responsibility for correct operation of the Avic BV products and any software associated with it. User assumes responsibility for determining the suitability of the product to the users needs, for configuring and using the product to meet those needs, and for the proper placement/location of the product in the environment it is being used. User assumes responsibility for verifying and interpreting results obtained from Avic BV product use. No claims, representations or warranties, whether expressed or implied, including but not limited to warranties of merchantability, fitness for a particular purpose, of title, or of non-infringement of third party rights, are made by Avic BV as to the safety, reliability, durability or performance of Avic products. Avic is not responsible for any liabilities resulting from negligence, misuse, modification, or alterations to the product by the user. Furthermore, Avic BV accepts no liability whatsoever for the safety, reliability, durability or performance of any of its products. In no event, regardless of cause, shall Avic BV be liable for any indirect, special, incidental, punitive or consequential damage of any kind, whether arising under breach of contract, tort (including negligence), strict liability or otherwise, and whether based on this agreement or otherwise, even if advised of the possibility of such damages.
IoT made simple.