CONNECTING THE DOTS

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

AVISION <[●]>

ASSET MANAGEMENT

Create your own dashboards, Generate reports Distribute alarms & notifications and share all the data on desktop, phone, tablet or by API.

DESIGN YOUR OWN APPLICATION

Screens can easily be created in a drag and drop development environment. Elements like Graphs, tables, controls or maps can be used. Screens can serve as advanced dashboards, overview screens with KPI s or benchmarks. With the help of regression and extrapolation, advance maintenance predictions can be used. Self designed automatic Reports can be scheduled and distributed to stakeholders. All kinds of standard modules are available, f.e. for alarm overviews, alarm management and data reviewing

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 yourideas 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 on going 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. 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 yourIoT 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 15 years this also applies to our reliable, true plug and play low power hardware solutions.
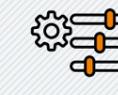
EASY ACCESS TO YOUR DEVICES

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.

DASHBOARD	PERFORMANCE INDICATORS	FORECAST	EVENT PROCESSING	BENCHMARKING	REPORTING

SENSOR	HARDWARE	CONFIGURATION	MONITORING	IMPLEMENTATION	SYNCHRONIZATION

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 dat a can be easily reviewed and used for predictive purposes.

WORKFLOW	**RESOURCE ALLOCATION**	**LAW AND REGULATION**	**PREDICTIVE MODELING**	**REPORTING**	**SHARING INFO**

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 to even more finely manage the 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. hallmark of yourIoT enabled business.

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 ' enviroment 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.

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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

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WHY WE CREATED AVISION

Our mission is to make IoT simple, In everythin 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.

IoT made simple.

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