

astarte

IoT and Industry 4.0 are an unmatched opportunity to grow one's business and take a leap into this new paradigm which is in full development, now. There has never been a better time to join this transformation and make the most out of it.

New infrastructures put in place today will have to face years of maintenance and continuous incremental improvements; relying on closed, in-house solutions is likely to backlash in the mid term, let alone being more expensive and time consuming.

Introducing Astarte, the IoT Open platform for industry: packed with industrial-grade support, already deployed widely and completely customisable. Astarte allows you to implement your own IoT/Industry 4.0 solution while keeping you in control.

About us

Astarte is an Open initiative promoted by Ispirata S.r.l., a software house focused on embedded systems, providing innovative products and consultancy to shape the Industry of tomorrow. Market leaders in biomedical, digital signage, industrial and railways are already relying on Ispirata for their latest products, and our strong ecosystem is made of the most relevant hardware vendors and distributors worldwide.

ispirata[®]
embedded made easy

Consortium partners

ANW
Five Years Out



Addfor⁺

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**SECURE.
CONNECTED.
EMBEDDED.**

About

Astarte is an Open, Innovative and Secure solution to create connected system.

Astarte provides you with all the needed components, from embedded software appliances to cloud applications, to implement SCADA or M2M systems with high tier availability and security.

Astarte has been designed to scale with the needs of Industry: long term support, security and no data lock-ins are just a few of the most important features.

Astarte makes it quick and easy to create and deploy your next IoT or Industry 4.0 product.

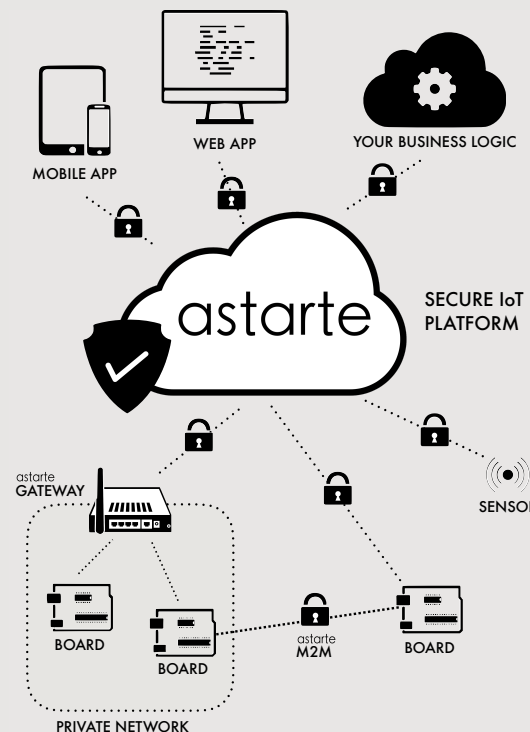
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Technology

Astarte is a ready-made solution: a full stack from your device to the cloud, fully integrated with your company's business logic.

Keep control of your data: choose whether to deploy Astarte on your own infrastructure, our cloud infrastructure, or a third party cloud provider (AWS, Azure, etc...)

Astarte is open: create new applications and implement new functionalities without any restrictions.



Case studies

1. Securely connect devices and applications in a matter of seconds
2. Remotely update, monitor, and manage all of your devices through a policy-based system
3. Provide real time support through remote diagnostics
4. Apply Big and Fast Data on your devices' data
5. Predict failures, plant shutdowns and downtimes, with real time warning whenever things are not going the right way
6. Make your devices interact autonomously thanks to our innovative M2M paradigm
7. Detect tampering on your devices
8. Enable new business paradigms, such as pay-as-you-go consumption
9. Easily create user interfaces that are seamlessly deployed on your devices, smartphones and web browsers
10. Dramatically reduce costs by lowering overall maintenance effort
11. Plug&play within your existing SCADA system
12. Easily integrated within your existing information system for advanced Business Intelligence applications