



Connect your OEM Business to a World of Digitalization Opportunities

ENABLING INTELLIGENT ACTION



Connect to new revenue streams

As industries evolve, your customers are increasingly turning to new digital technologies - technologies that enable them to take Intelligent Action to make their operations smarter, safer and more sustainable.

Your equipment is exceptional. Let's make it intelligent.

Leverage Sensia's domain expertise and market leading **Edge-to-Enterprise Ecosystem** to digitalize your offering and meet customer demand for connected technology.



Break through barriers to entry

Digitalization offers exciting opportunities, but there are significant hurdles when trying to enter the digital market:

Cost and time

Significant upfront investment is needed to build the IT infrastructure and expertise needed to compete in a fast-moving digital market, where customers demand rapid, reliable deployments, and expect stringent cybersecurity standards.

Integration

Connecting legacy systems with today's digital technologies is complex and resource-intensive. Success depends on seamless integration and careful management of multiple vendors to build a cohesive, future-ready ecosystem.



Take a faster, lower-cost route to digital success

By partnering with Sensia, you gain an all-in-one, future-ready Ecosystem through which to digitalize your offering, enhance customer value, and build recurring revenue models – with less risk and faster ROI.

- | | | | |
|--|--|--|---|
| <div>+ Enter the digital market faster for less
– No need to build your own IT infrastructure</div> | <div>+ Create custom applications
– Develop AI/ML-powered solutions with our Software Development kit</div> | <div>+ Generate recurring revenue
– Offer value-added services like predictive maintenance and remote diagnostics</div> | <div>+ Future-proof your products
– Stay ahead with scalable, intelligent solutions that evolve with your market</div> |
|--|--|--|---|



Your complete digitalization partner

Integrated, scalable, secure, and customizable. Our Edge-to-Enterprise Ecosystem provides everything your OEM business needs to succeed in a digital-first world, including:

- + **Edge devices:** AI/ML-enabled for real-time optimization and predictive insights.
- + **Reliable connectivity:** Secure data flow via LTE, Wi-Fi, satellite, and Sensia SIM.
- + **IIoT platform:** Enterprise-grade on prem and cloud infrastructure for advanced monitoring, analytics, and operational intelligence.
- + **Software development kit:** Develop custom applications, leveraging your IP to build tailored AI/ML solutions.
- + **Development partners:** Experience, expertise, and support you can count on.
- + **Edge device management:** Intuitive tools for deployment, control, and remote diagnostics.



Everything you need to succeed

Sensia delivers a unified, scalable, and secure ecosystem. Designed for OEMs and NOCs, this ecosystem empowers you to:

CONNECT

Real-time field data acquisition with seamless control of operations both on-site and remotely

AUTOMATE

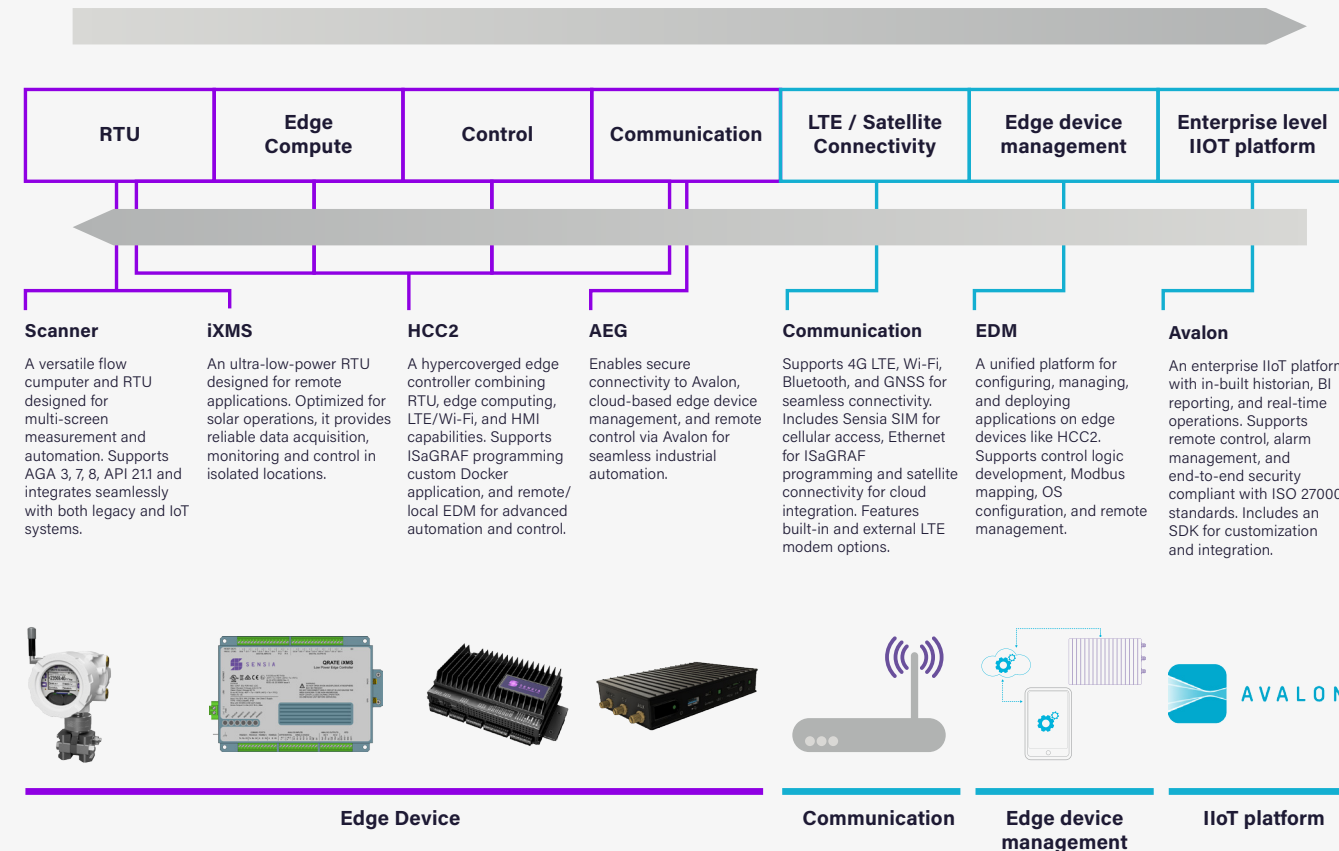
Routine tasks providing management with clear operational visibility

OPTIMIZE

Performance with actionable insights

From the Edge to the Enterprise, Sensia provides all the pieces you need to succeed — ensuring seamless automation, secure connectivity, and smarter decision-making.

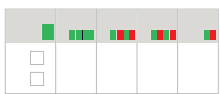
Sensia's Edge-to-Enterprise Ecosystem



QRATE HCC2: Embedded intelligence for your equipment

Add AI/ML to your hardware, helping your customers ensure their operations run smarter, faster, and without interruption - even in the most remote locations.

HCC2 enables real-time data processing, predictive insights, and intelligent decision-making right at the edge.



PLC/RTU

+



Edge Computer

+



4G LTE, Wi-Fi,
Bluetooth,
GNSS

=



Key benefits

- + **All-in-one simplicity:** Control, compute, and connect with a single device.
- + **Continuous visibility:** Captures, stores, and analyzes data - even when the network drops.
- + **Secure by design:** Enterprise-grade security for data integrity and resilience.
- + **AI/ML ready:** Run advanced models at the edge.

Develop custom features with HCC2 SDK

Build, test, and deploy tailored applications around your equipment with the HCC2 Software Development Kit.

From predictive maintenance and real-time control to AI/ML-powered analytics and image processing, turn raw data into intelligent action – seamlessly and efficiently.

With support for your programming language of choice, unlock new possibilities that traditional control systems simply can't match.

Flexible configurations for evolving needs

- + **Retrofit Kit:** Add edge features to legacy equipment with no major redesign.
- + **NEMA Box:** Rugged and field-ready – perfect for equipment used in harsh environments.
- + **FTOptix:** Add real-time visualization and control to your equipment.

iXMS: Ultra-low power RTU for remote environments

The iXMS Remote Terminal Unit (RTU) adds intelligent monitoring and control to your products – making it easy to digitalize legacy systems or enhance new designs to support your customers’ remote operations.

With its rugged design and intelligent power management, iXMS is built to perform in the most demanding environments:

+ Ultra-low power operation

- Ideal for solar and battery-powered sites, with advanced sleep modes to extend runtime.

+ Rugged & reliable

- Engineered for harsh environments with extreme operating temperature tolerance.

+ Seamless connectivity

- Supports ethernet, multiple serial ports, and Modbus/DNP3/MQTT protocols for easy integration with your equipment.

+ Scalable & flexible

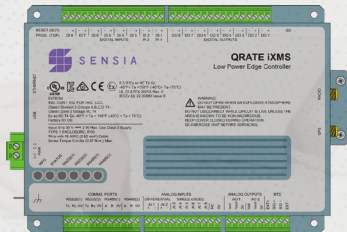
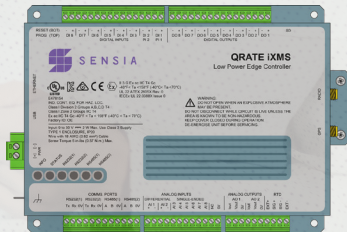
- Customizable for a variety of automation roles, from production monitoring to remote control applications.

+ Wireless expansion –

- Optional WMP protocol enables low-power, long-range connectivity for pressure and temperature sensors.

Works anywhere

From wellheads and tank batteries to pump stations and pipelines, iXMS provides secure, efficient, and autonomous remote operation, ensuring continuous visibility and control over critical assets.



Avalon Edge Gateway

Seamlessly connect and control your equipment

Sensia's Avalon Edge Gateway (AEG) makes it simple to add global connectivity and control to your equipment, empowering your customers to optimize their operations.

Key benefits

- + **Secure & reliable**
 - Protects data with a hardened OS, signed applications, and encrypted wireless infrastructure, ensuring safe and private communication.
- + **Global Connectivity**
 - Stay connected anywhere with embedded LTE or external routers, enabling continuous data acquisition and control across diverse locations.
- + **Avalon-Ready with Remote Control**
 - Seamlessly integrate with Avalon Cloud or On-Prem servers, enabling real-time insights, automation, and remote asset control.
- + **Economical & Scalable**
 - Cost-effective yet powerful, AEG supports both legacy infrastructure and new installations, making digital transformation easy and affordable.



Flexible Deployment Options

- + **Retrofit Kit** - A modular solution for integrating AEG into existing enclosures.
- + **Avalon Edge Gateway (AEG) Enclosure** - A turnkey NEMA 4X outdoor enclosure with a lock, designed for secure field deployment.

Choose from:

- + **With LTE** - Pre-configured with LTE Router for cellular connectivity.
- + **Without LTE** - Supports bring-your-own connectivity options.
- + **With Satellite Connectivity** - For remote operations.



Reliable connectivity, anywhere

Reliable communication powers industrial operations. Sensia's solutions - 4G LTE, Wi-Fi, Bluetooth, GNSS, and satellite. Ensure your equipment supports real-time data flow across any environment.

The SENSIA SIM card enables secure cellular transfer, while Ethernet optimizes network integration. For remote sites, satellite connectivity provides uninterrupted access to cloud platforms. With built-in and external LTE modem options, Sensia keeps your operations connected, secure, and efficient.

Edge Device Management

Maintain your equipment with ease. Our Edge Device Management simplifies configuration, updates, and app deployments – whether your equipment is in the factory or the field.

- + Flexible Deployment:

Manage updates via cloud, on-premises, or local connections.
- + Secure & Scalable:

Encrypted data transmission with rollback protection for reliability.
- + Unified Control:

Oversee OS, firmware, and containerized applications from a single interface.



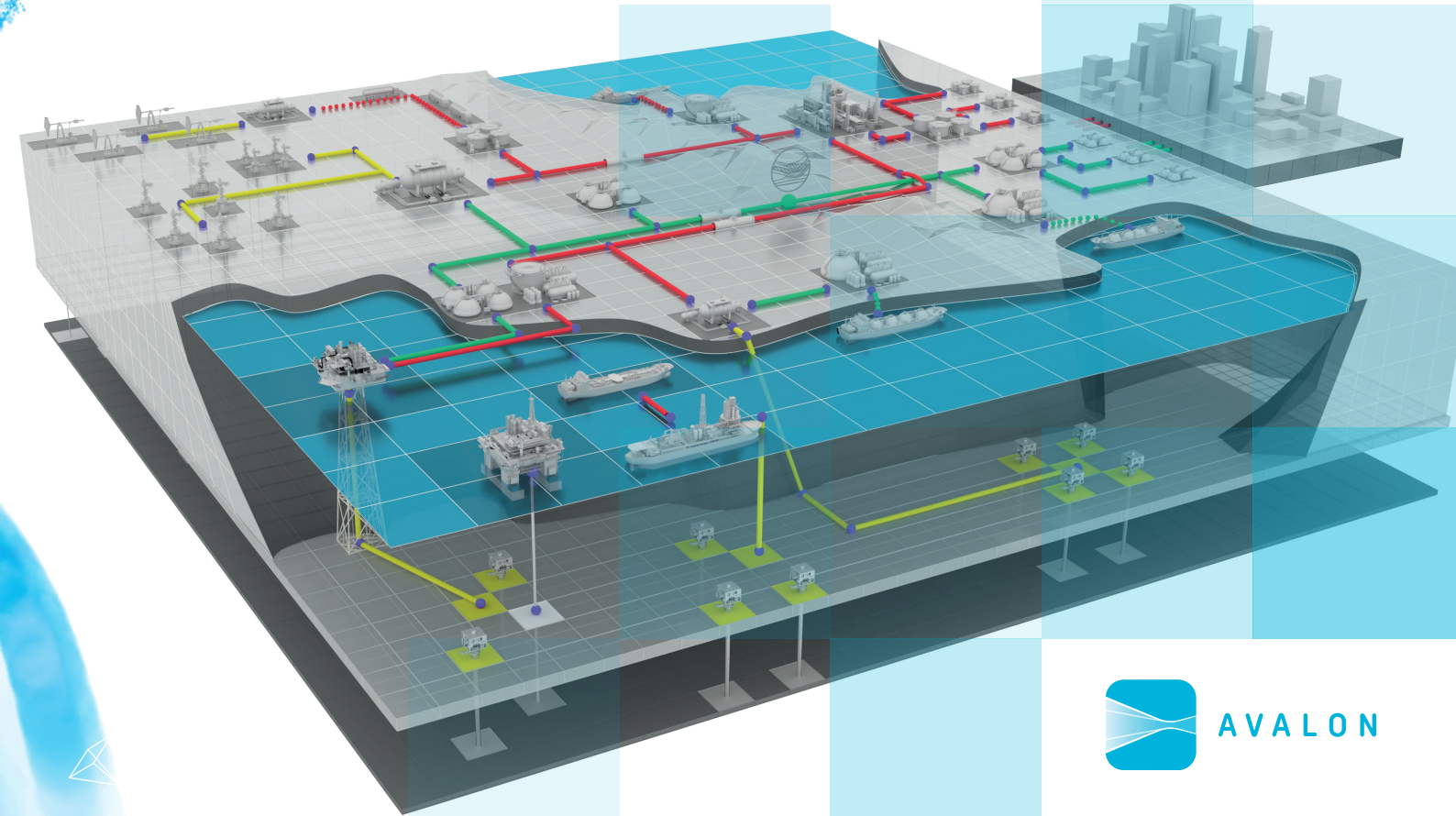
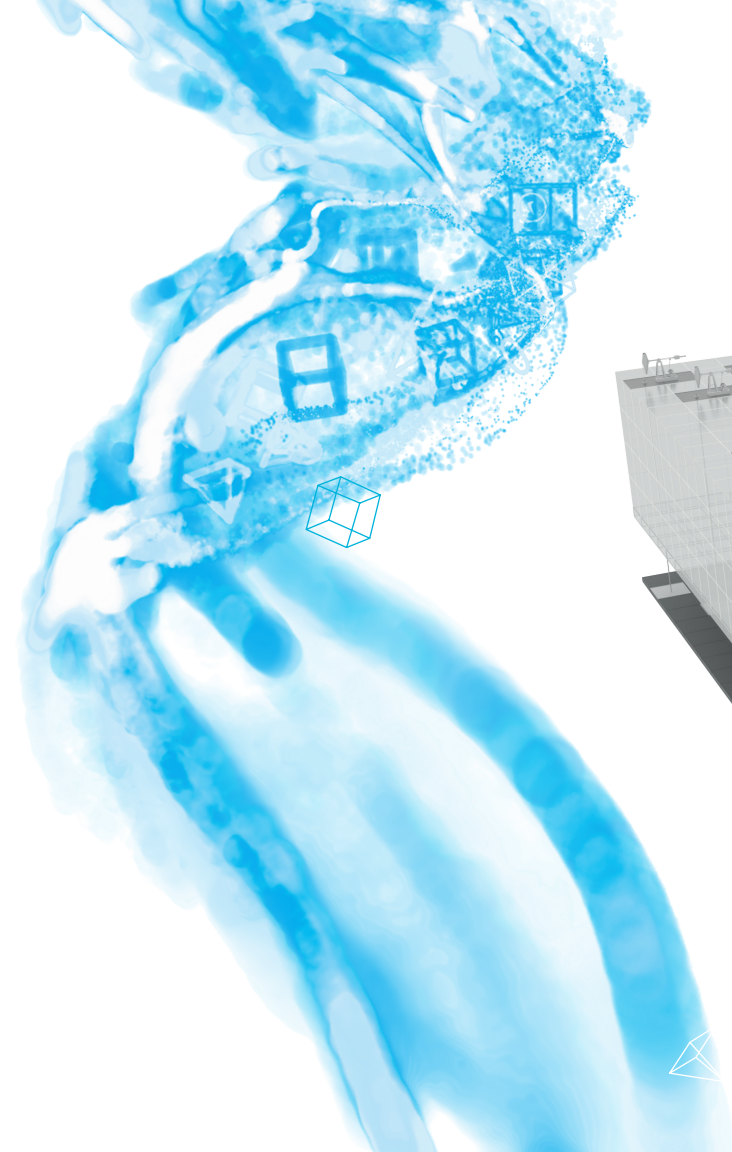
Avalon: The OEM-friendly IIoT Platform

As an open, scalable digitalization platform – Avalon is the foundation for your smart product line.

Avalon connects your equipment, collects data, delivers insights, and powers your digital services.

Key benefits

- + Deploy quickly - on cloud or on-prem
- + Store and analyze data with built-in historian
- + Automate alerts and reporting
- + Monitor and control from anywhere
- + ISO 27000-compliant for peace of mind
- + Tailor it to your equipment and customers



Partner with application experts

Don't have an in-house software team? No problem.

Our Application Development Partners bridge the gap – bringing extensive experience in industrial automation and Sensia solutions to help you build and launch connected solutions fast.

From remote monitoring to performance optimization, our partners tailor custom applications around your equipment, without the complexity and cost of doing it yourself.



Connect to a World of Digitalization Opportunities

Get in touch today to discover how we can help you take a faster, lower-cost route to digital success.

Sensia LLC
Energy Tower IV, 15th floor, 11750 Katy Freeway
Houston, TX 77079

+1-866-7SENSIA (+1-866-773-6742)

hello@sensiaglobal.com
sensiaglobal.com



Sensia LLC 2025. All rights reserved. 367A-CO-0525-BR

* Mark of Sensia. Other company, product, and service names are the properties of their respective owners.

