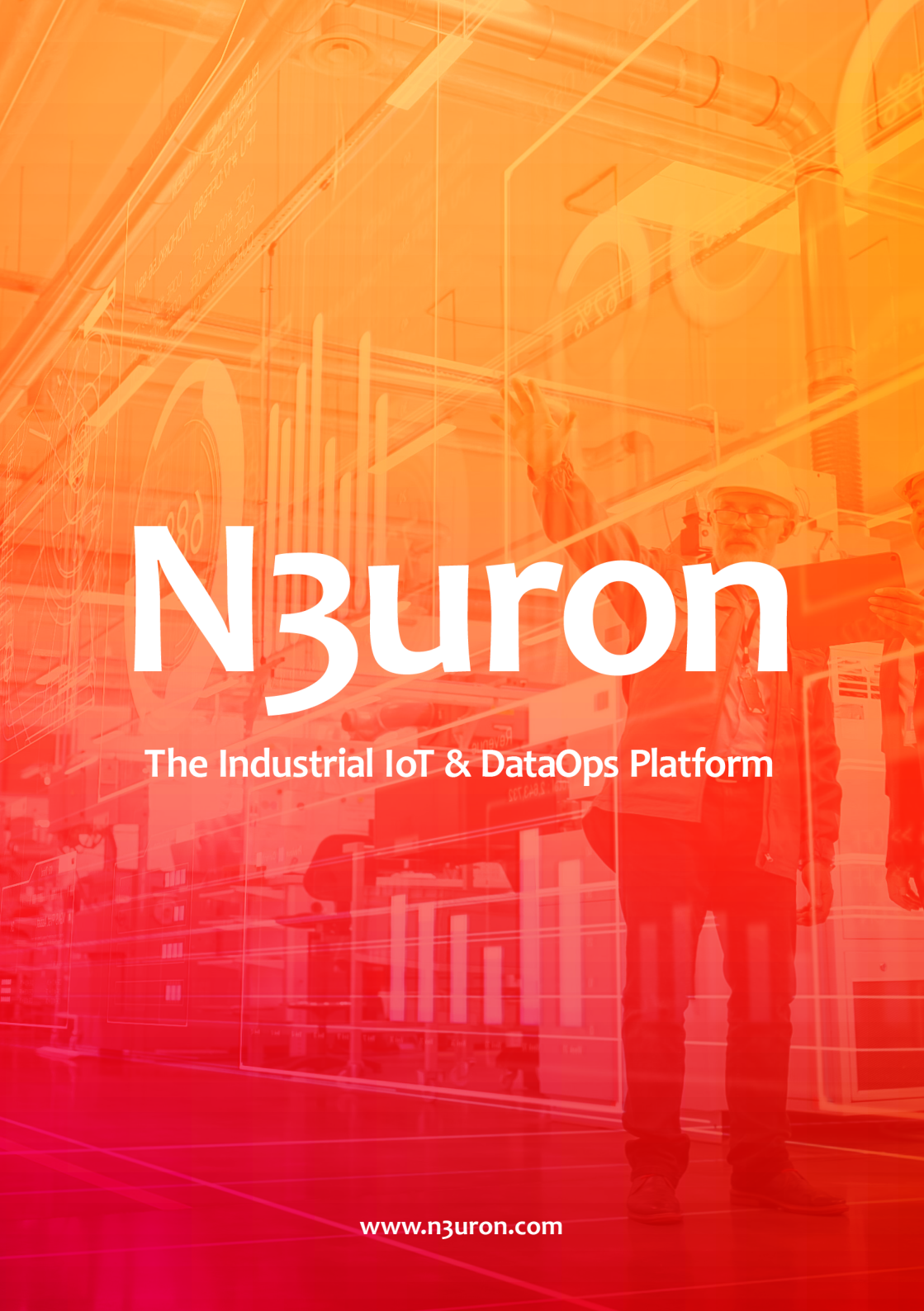

N3uron
The Industrial IoT & DataOps Platform
www.n3uron.com

Try It For Free

Download For Free and Get Started in Just 1 Minute

N3uron is lightweight and platform-agnostic, running on virtually any version of Windows and any Linux distribution. You can install it on a server, laptop, embedded device, or deploy it in the cloud. There's no need to purchase it to try it; with N3uron, you can design, build, and test your entire project for free, for as long as you need, without feature restrictions.

Download N3uron today at www.n3uron.com

These and many other companies trust N3uron:

TotalEnergies, plenitude, adani, sonnedix, Lilly, CanadianSolar, MAHOU SAN MIGUEL, BayWa r.e., INNERGEX, voltalia, greenko, POWERFACTORS

Deploy at the Edge

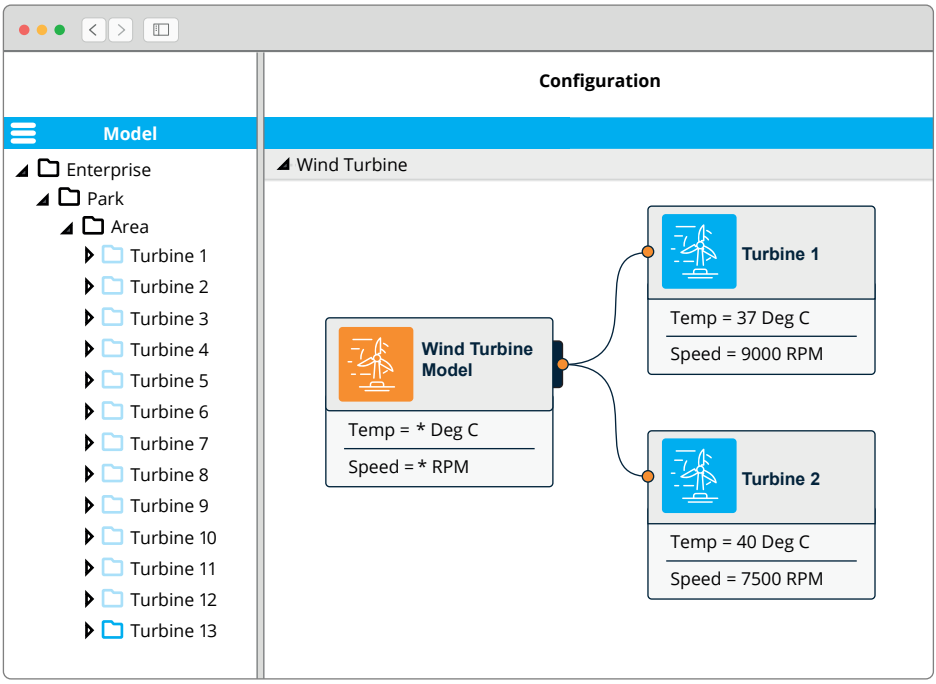
One Data Hub for Everything on the Plant Floor

N3uron serves as the data hub for everything on your plant floor, ensuring complete integration and interoperability. No matter the brand, model, or platform, N3uron communicates with your plant equipment, databases, SCADA and MES systems, and more. By bridging the gap between industrial data and IT, N3uron enables efficient communication and real-time insights across your entire operation.

Model Your Assets

Web-Based Data Modeling for Complete Control and Streamlined Integration

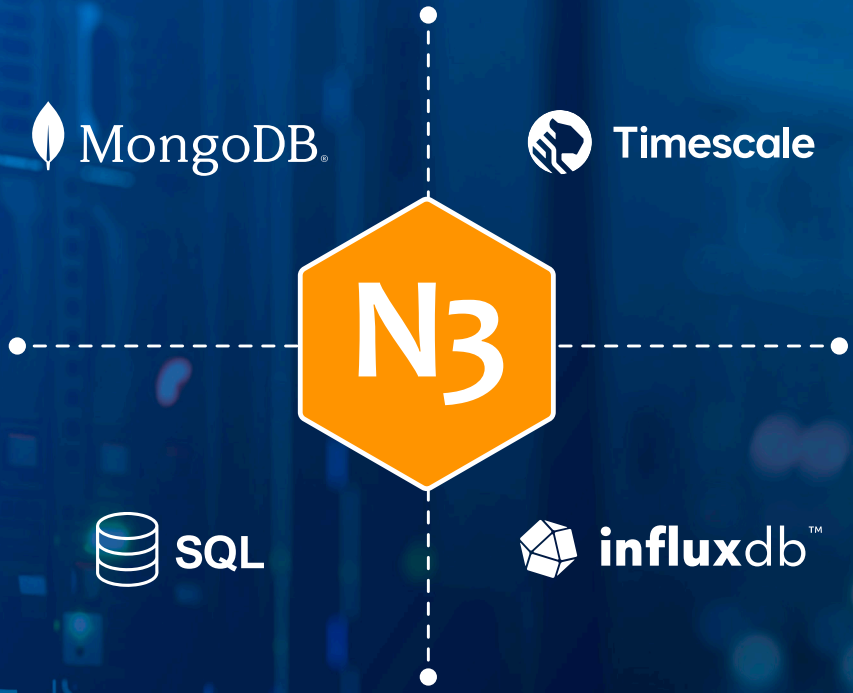
With N3uron web-based interface you can easily collect, model, normalize, and contextualize data. Users can access the N3uron node from their web browser to create reusable templates that streamline data aggregation, integrate calculations and metadata, drastically reduce configuration time, and ensure consistency across systems—boosting overall efficiency.



Store

One Flexible Solution for High-Frequency Data Collection

N3uron integrates seamlessly with the most extensively used time-series databases, like MongoDB, TimescaleDB, and InfluxDB, enabling efficient storage and retrieval of high-frequency data both on-premise and in the cloud. While traditional SCADA systems and historians struggle to keep pace with modern AI and predictive analytics, N3uron's flexibility ensures you get the insights you need, exactly when you need them.



Visualize & Analyze

One Single Pane of Glass for Complete Operational Control

N3uron offers a unified interface for developing custom web-based HMI and SCADA applications. Visualize real-time and historical data, aggregated or raw, in dynamic dashboards. Easily monitor KPIs, analyze trends, and control equipment directly from an intuitive web-based interface, accessible anywhere.

End-users are consistently delighted by the Web Vision module's impressive cost-effectiveness and performance. With its lightweight design and high-performance capabilities, it not only enhances user experience but also significantly lowers the cost and improves accessibility of SCADA applications.

Vikan Chirawatpongsa
Chief Executive Officer at Appomax

Ensure Enterprise Integration

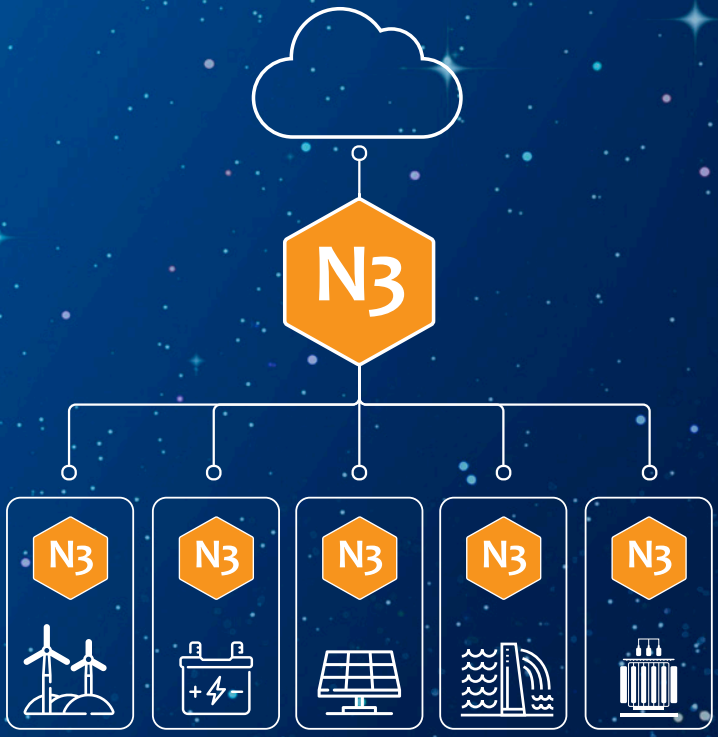
Future-Proof Connectivity Across Platforms and Applications

N3uron leverages open standards and low-code, no-code technologies to prevent technical debt and ensure robust digital infrastructure. Its unified data model approach ensures seamless communication between OT and IT, from edge to cloud and vice versa. The flexible, modular architecture allows easy integration with new services and technologies as your digital infrastructure evolves.

Born to Scale

Speed Up Onboarding and Optimize Costs as You Expand

N3uron is built to scale across thousands of plants, consolidating data from diverse environments into a single, manageable platform. Its modular, plug-and-play architecture accelerates site onboarding and integrates seamlessly with your digital infrastructure. By centralizing data management from edge to cloud, N3uron reduces the need for complex solutions at each site, cutting operational and maintenance costs while supporting your business growth.



Take Control of Your Fleet

One Platform for Centralized Management and Monitoring

Fleet Manager is a cloud-based service that provides a unified platform to organize, manage, and monitor distributed N3uron nodes across multiple sites. With secure remote access and real-time visibility, you can access, configure, and troubleshoot your nodes from anywhere, anytime, reducing on-site visits and streamlining operations.

Robust Foundations for Your Digital Infrastructure

N3uron is an Industrial platform for IIoT and DataOps that seamlessly integrates and manages data across operations. It bridges OT and IT, consolidating data into a single source of truth. Its modular, cross-platform architecture ensures scalability and rapid deployment, enabling smarter, data-driven decision-making and operational efficiency.

Fast Integration
Reduce system integration time from months to hours.

Fully Modular
Stack only the modules you need for each project.

Open Architecture
Integrate seamlessly with any vendor or system.

Prevent Data Loss
Ensure secure and consistent data flow across all systems.

Unlimited Licensing
No limits on tags, users, or devices—expand freely.

Light and Efficient
N3uron is lightweight and runs with minimal resource usage.

Cross-Platform
Runs on Windows, Linux, ARM, Docker, and Kubernetes environments.

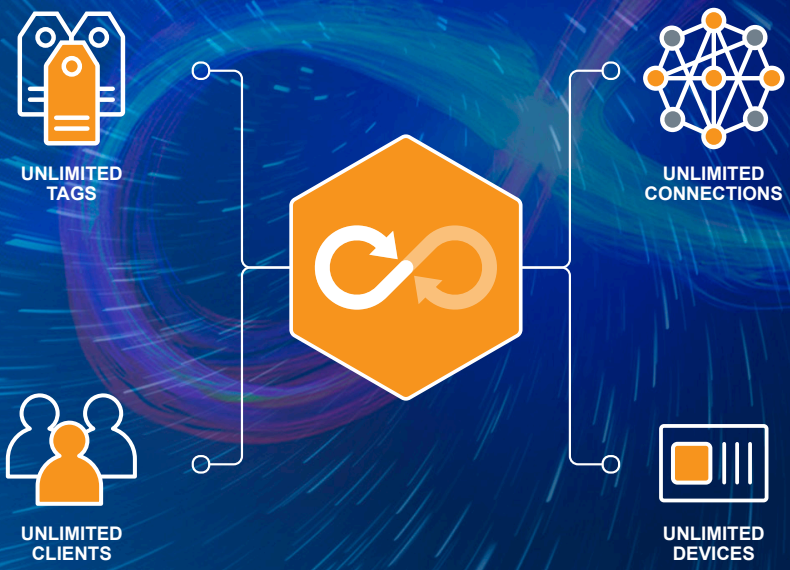
Enhanced Security
Built-in security features ensure safe data access and transmission.

N3uron has been a game-changer for us, It has allowed us to streamline our edge integration solution and reduce costs while maintaining high levels of performance and reliability.

Trent Derr
OT Engineering Manager at BayWa r.e.

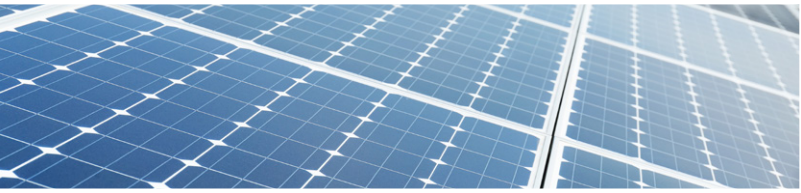
Perpetual Unlimited Licenses

N3uron offers a cost-effective, perpetual licensing model that allows unlimited clients, tags, devices, and connections without additional costs. Licenses are module-based and act as flexible tokens, which can be reassigned between different modules and nodes via the License Manager, giving users full control over their licenses and deployments.



Not only is N3uron an affordable software, but it is also lightweight and efficient in terms of resource consumption. It can be installed on the same equipment where the plant SCADA is running, which saves us on hardware costs and simplifies the deployment and maintenance of the system.

Dinesh Rathod
Manager CoE Technology at Adani



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