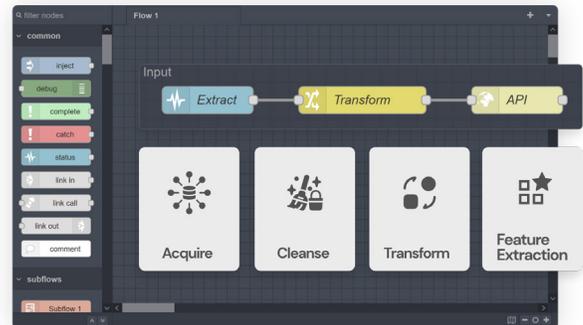


From Prototype to Production

The ultimate guide to Prescient Designer for Node-RED users



Bringing a totally new, enterprise-class architecture to the most popular open-source low-code programming software for IoT.



HOW IT WORKS



Prototype in a week

Application engineer builds a prototype solution that includes multiple sensors, edge and cloud analytics, and dashboard, all within a week.



Pilot collaboratively

Application engineer pilots the solution at the customer's site and continue to work on the solution with the customer, all remotely and collaboratively.



Scale with a few clicks

The solution is scaled to 100 locations with a few clicks. It is fully accessible and extensible even after deployment by both solution provider and customer.

KEY BENEFIT FOR NODE-RED USERS

Builds complete IoT solutions in Node-RED-like environment that includes thousands of edge devices, cloud application logic, and cloud dashboard

PACKED WITH ENTERPRISE FEATURES

- Compatible with existing Node-RED nodes and flows
- Data security and application monitoring
- Crash recovery and rollback
- Advanced analytics, ML, industry-specific solutions
- Distributed programming and orchestration
- Custom user access permissions

Enable scalability

Do you have existing Node-RED solutions but cannot scale to hundreds and thousands of edge devices? Prescient Designer helps users to scale with a few clicks of a button, integrate edge apps with cloud apps, perform continuous updates, and manage all devices within the same environment.

Improve reliability

Has your Node-RED solution stopped running due to issues with missing nodes or Node.js packages? Do you have problems correcting these issues when your application is deployed at the edge? Prescient Edge Runtime continuously monitors your Node-RED applications at the edge and performs recovery or rollback if necessary.

Enhance security

Are you concerned about edge device security? Are you worried about secure data transmission? Prescient Designer enhances security through content-based security monitoring and TLS encrypted data transmission. Best of all, your solution inside Prescient Designer is a “digital twin” of your complete system, so you can audit every change made.

Reduce development complexity

Prescient Designer supports a large number of sensors and edge devices. It provides advanced analytics packages from stream processing to machine learning. One single engineer can build and manage an enterprise-class IoT solution without extensive technology expertise.

Improve remote collaboration

Remote collaboration is here to stay, and we’re here to keep you connected. Monitor, access, and collaborate on solutions, and keep track of these changes with our full audit trail. Prescient Designer lets you involve your colleagues, partners, and customers easily to share insights, make decisions, and implement iterations remotely, seamlessly, and collectively.



HEAR IT FROM OUR USERS

“Prescient Designer enables engineers to work on complex IoT projects. It bridges the gap between OT and IT, and turns complex IoT solutions into child’s play.”



KURT BRAUN
Sr. Application Engineer IIoT,
WAGO

We love projects.

Discover more use cases by visiting www.prescientdevices.com/use-cases to find out how you can build your next IoT project with us.

