Connect, Analyze, Transform – with IIoT Excellence

For more information, visit: *www.supOS.ai*

supOS

Data Collector

Unified Namespace

Frontline App Builder

AI Toolkit

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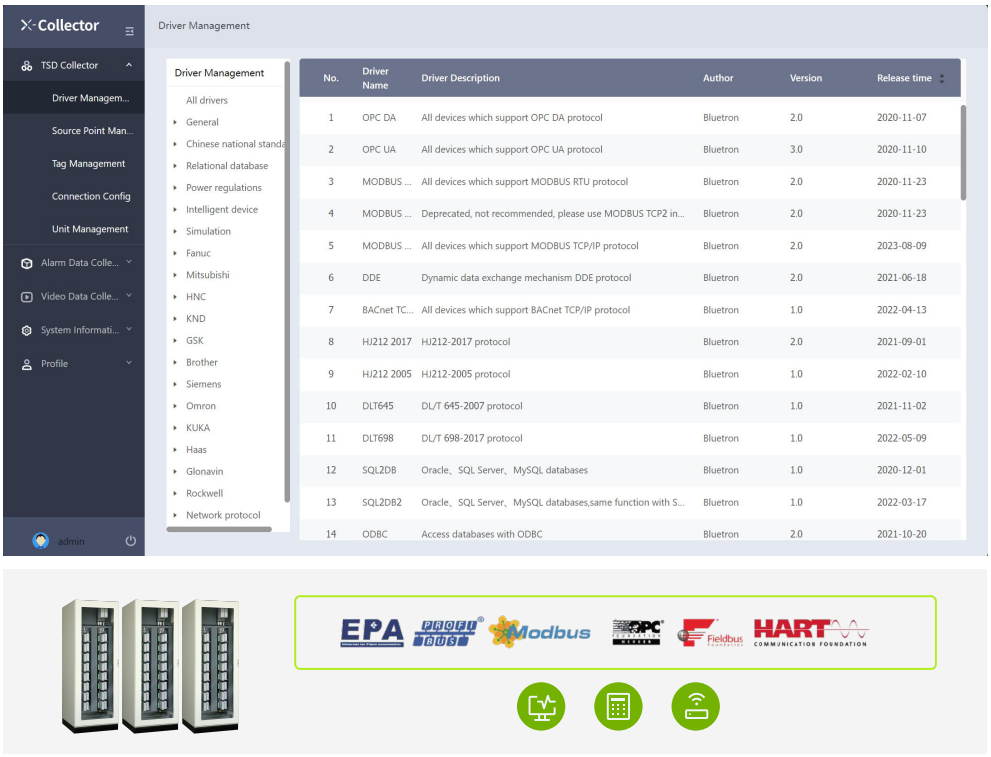
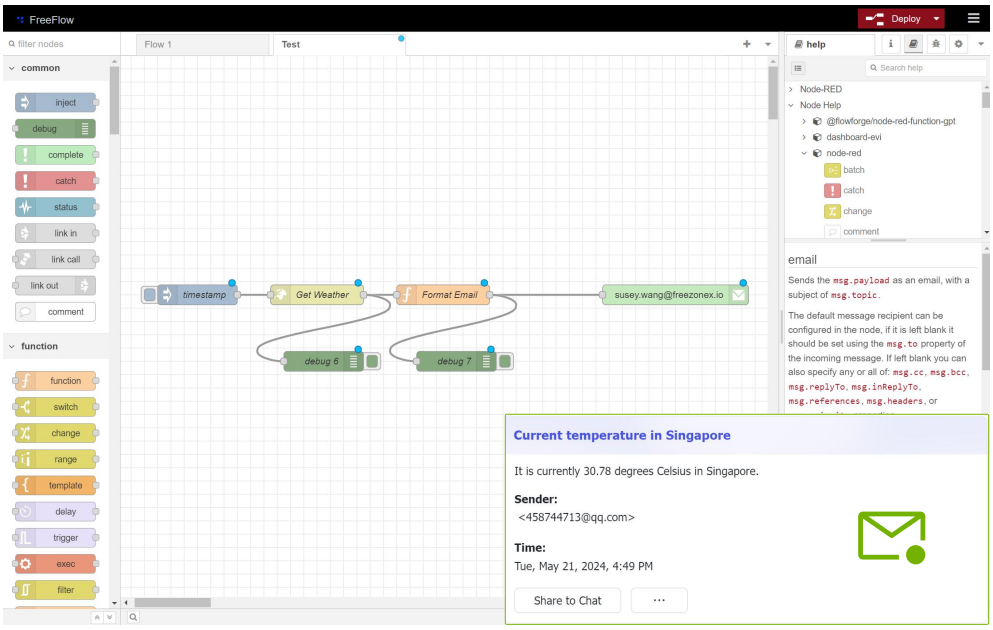
Data Collector

X-Collector

Experience seamless data collection across diverse protocols with supOS.

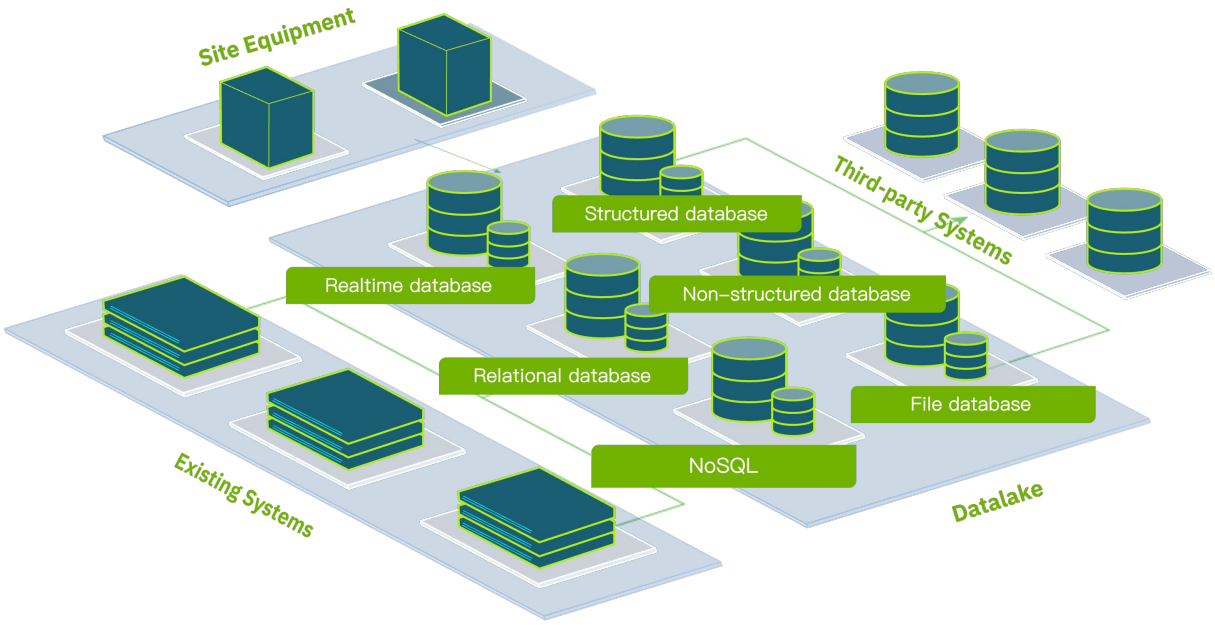


- **No-code Data Flow Canvas: Drag-and-drop to connect and process data. Built-in ChatGPT to address code issues through conversation.**



supLake

Built-in high-performance, modern time-series database, supporting MQTT, Websocket, API integration methods, and various aggregation queries.

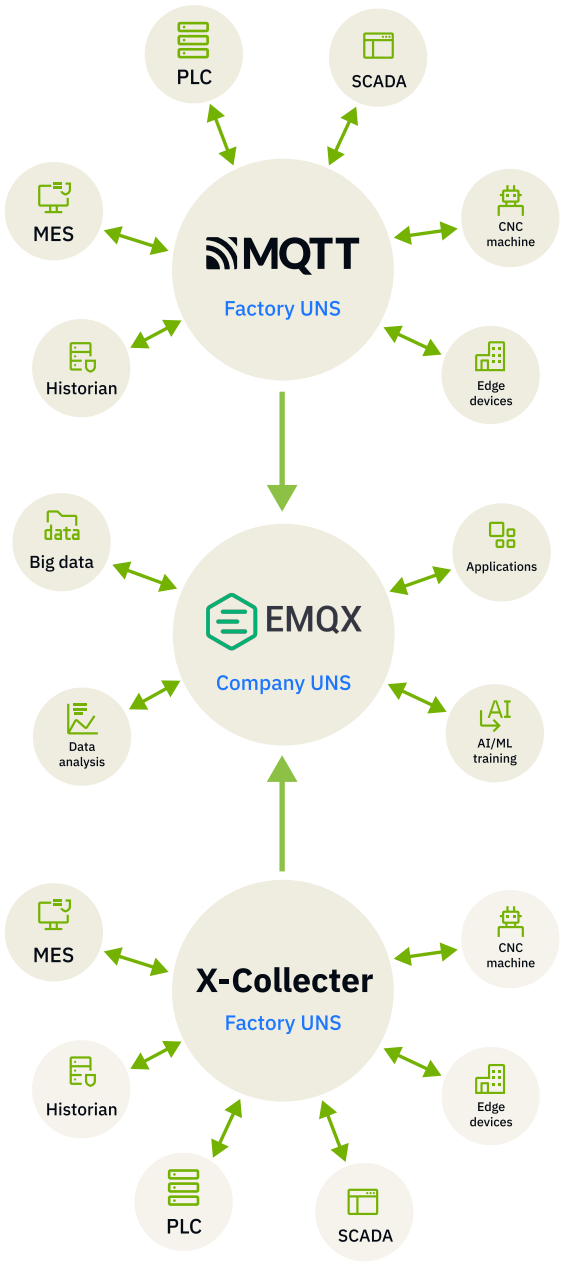


Single Node Performance

- Max. 50,000 objects
- Up to 1,000,000 tags
- Up to 200,000 millisecond data points
- Max. 20 collectors or 20 third-party gateways

Unified Namespace

Plantwide data publishing and subscription through MQTT, realize single source of truth.



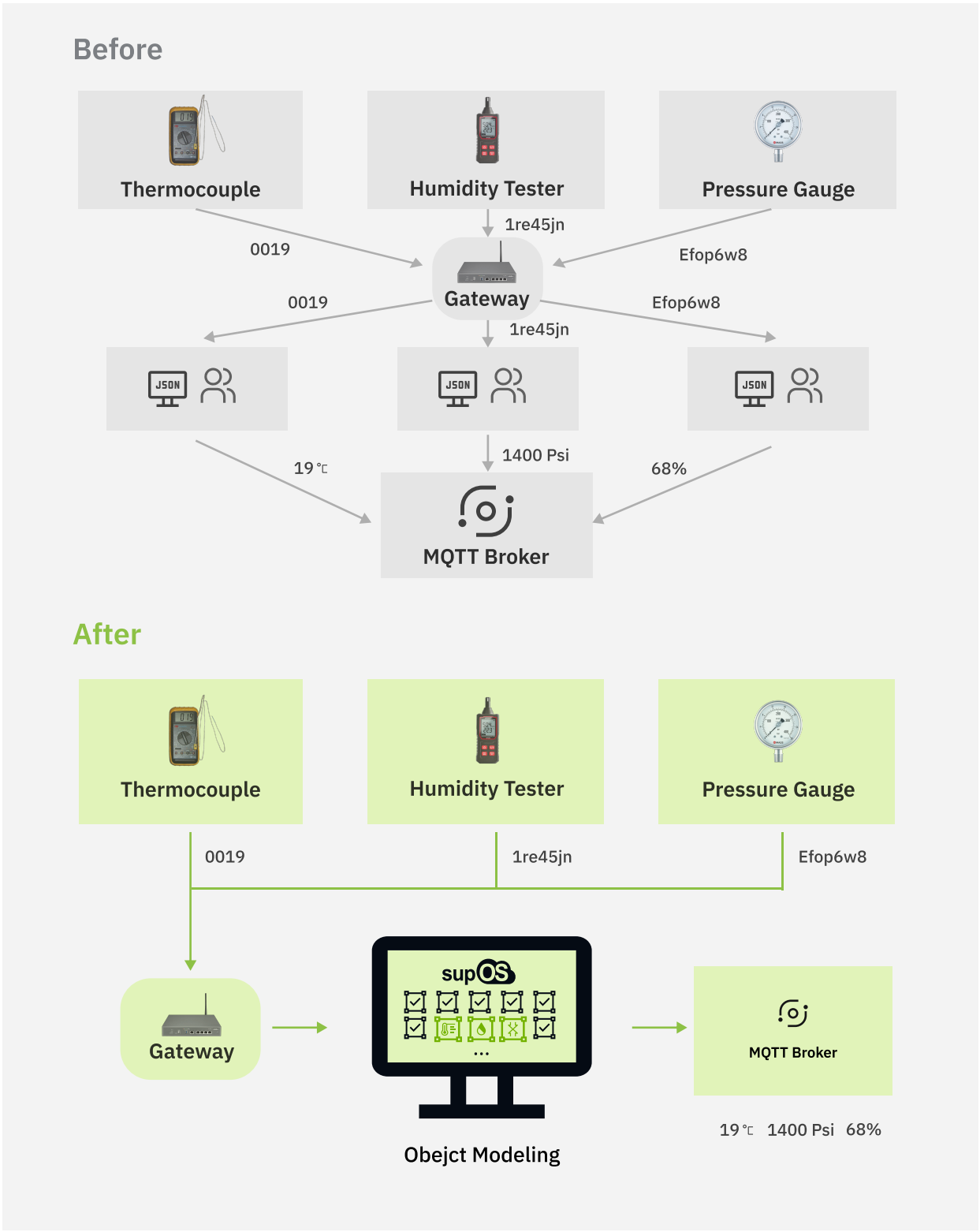
MQTT's Pub-Sub mechanism broadcasts any changes to all subscribers

Lightweight | Fast | Low Latency

Data Contextualization

Support ISA95 and Sparkplug B based data contextualization. Get your data into topic in seconds.

- **One-click object modeling for industrial dynamic and static equipment, along with other built-in templates.**



Unified Namespace

Industrial App Space

Industrial App Space

Revolutionize your industry with our digital solutions, blending **Unified Namespace**, **AI**, and **Simulation** for unmatched operational efficiency and innovation.

Generative UI	Dashboard	LEAN
AI Agent: Chat with Database	UNS	GxP

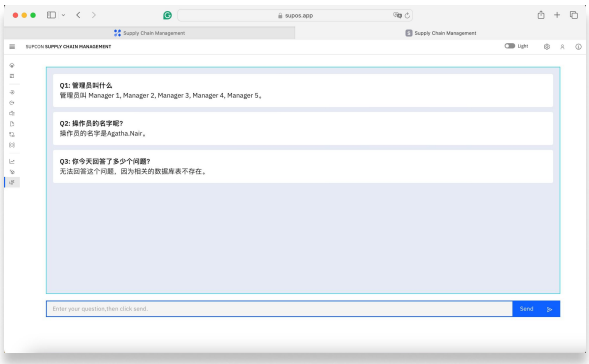
Innovation

In addition to standard features, our apps stand out with exceptional uniqueness.

- **SCM(Supply Chain Management)**

Discrete Event Simulation

Analyzes historical data to predict future trends and dynamically updates the 3D model to reflect insights.



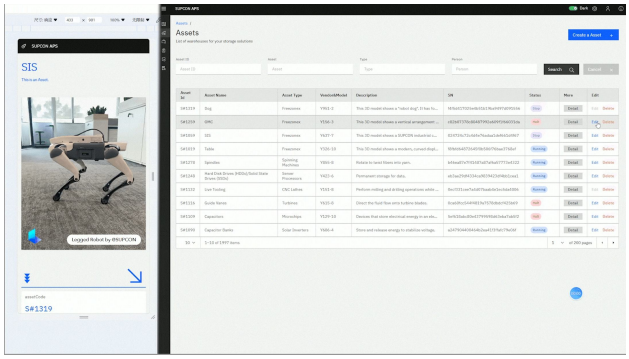
AI Chat to Database

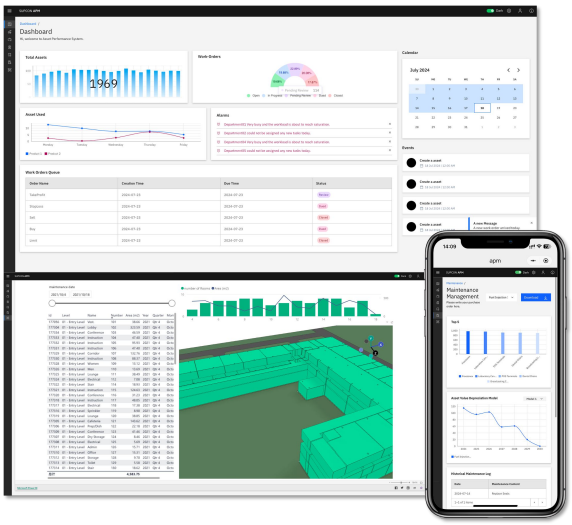
Integrates large language models (LLM) for real-time, natural language querying of warehouse data.

- **APM(Asset Performance Management)**

Asset 3D Models

Users can generate 3D asset models themselves with any mobile, achieving faster results at zero cost.





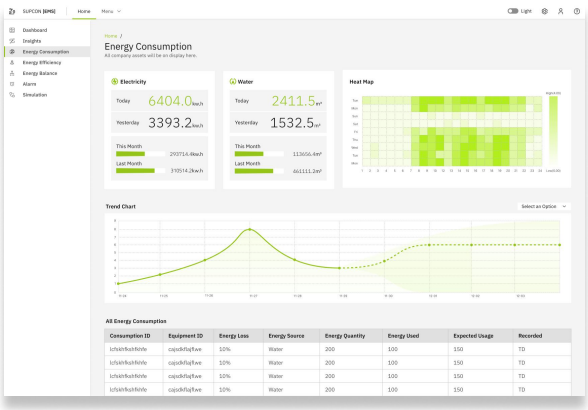
Predictive Maintenance

Assets full lifecycle management. Predict asset consumption based on historical data and trigger alerts according to predefined rules.

- **EMS(Energy Management System)**

Energy Consumption Heatmap

Updates heatmaps based on real-time data and triggers alarms in case of data anomalies.



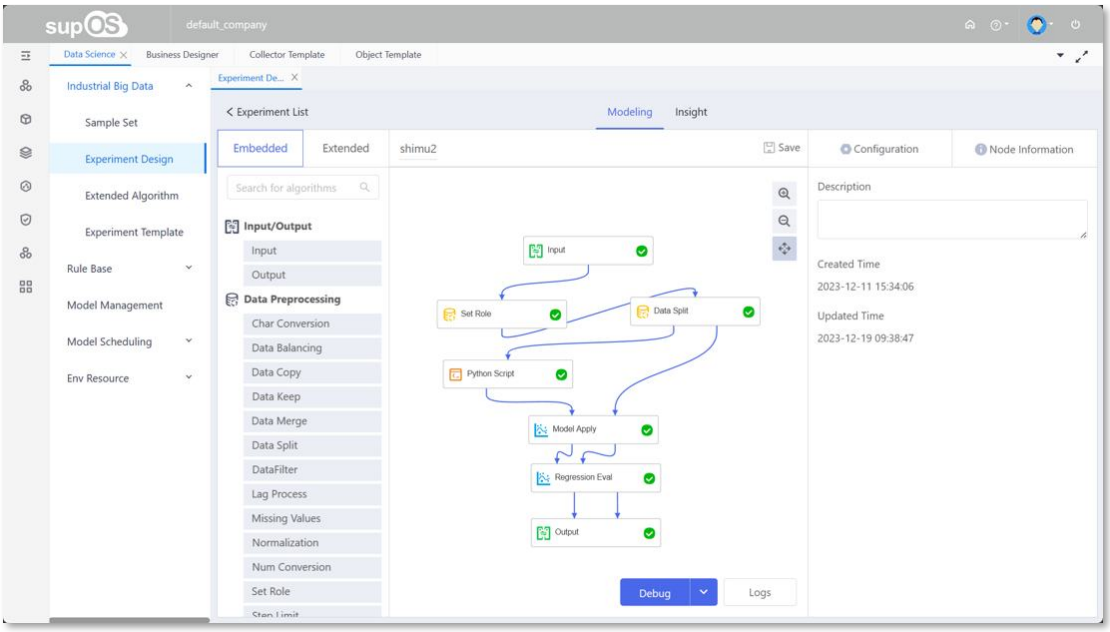
Stay tuned for the upcoming release of advanced industrial applications!

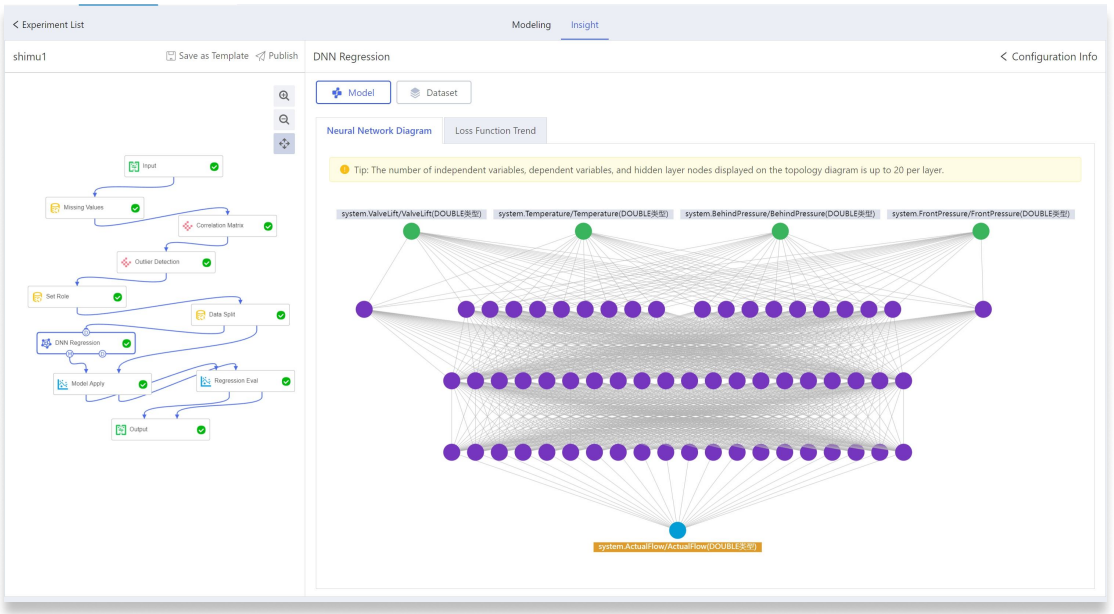
Industrial App Space

AI Toolkit

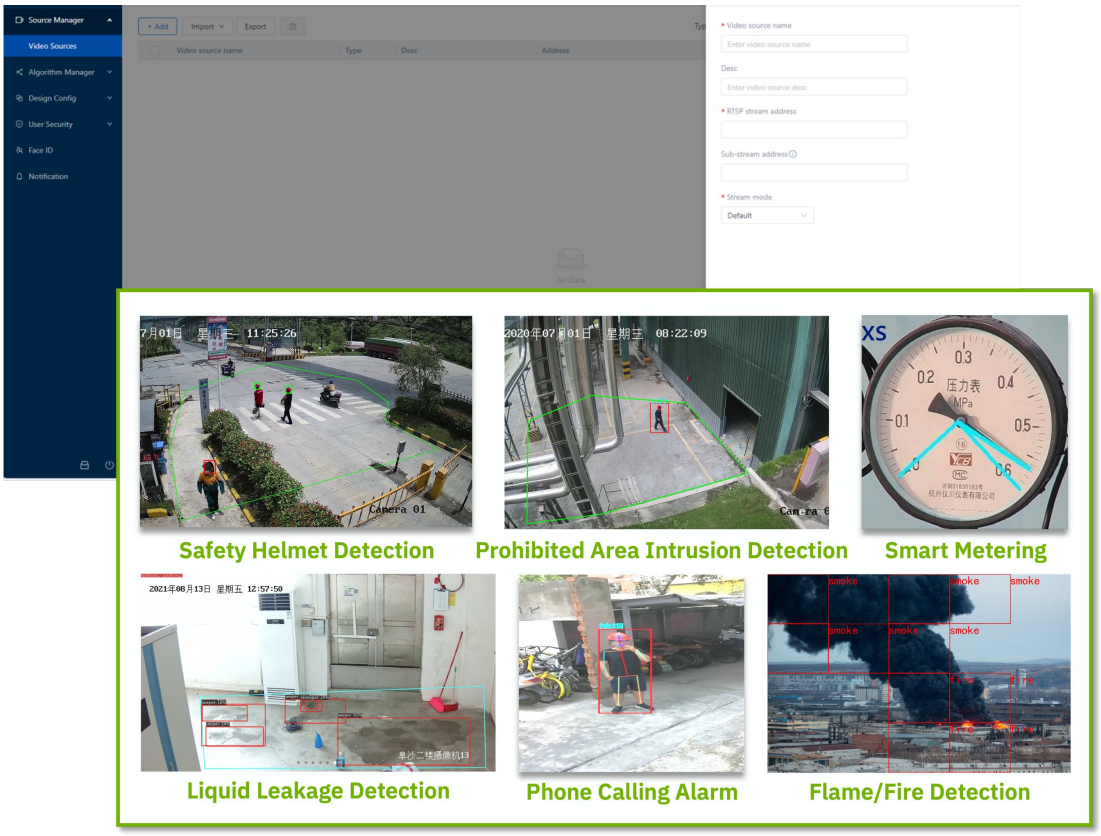
Harnessing the full potential of data analysis through Machine Learning.

- **X-BD: Support various algorithms with drag-and-drop interfaces and built-in calculator models.**

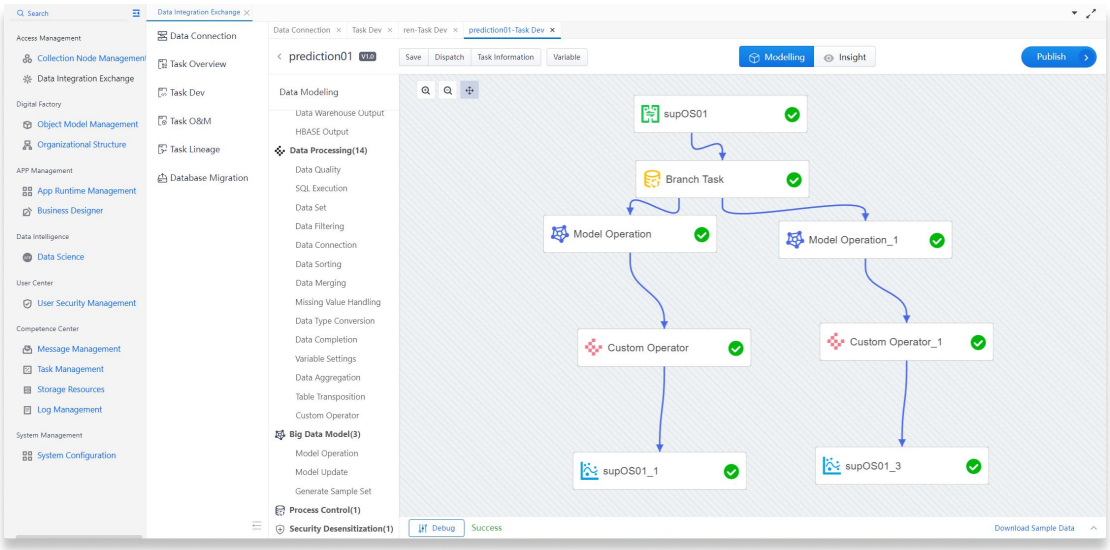




- **X-Edge: Access edge device video streams, configure presets, and apply algorithms for machine vision analysis.**



- **X-ETL: Auto-update algorithm models through real-time data connectivity.**

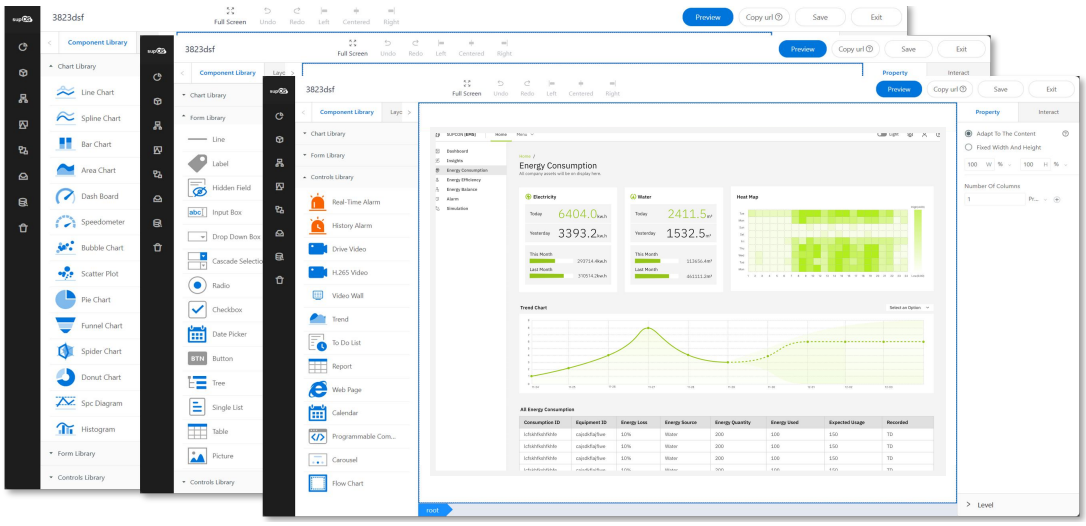


Frontline App Builder

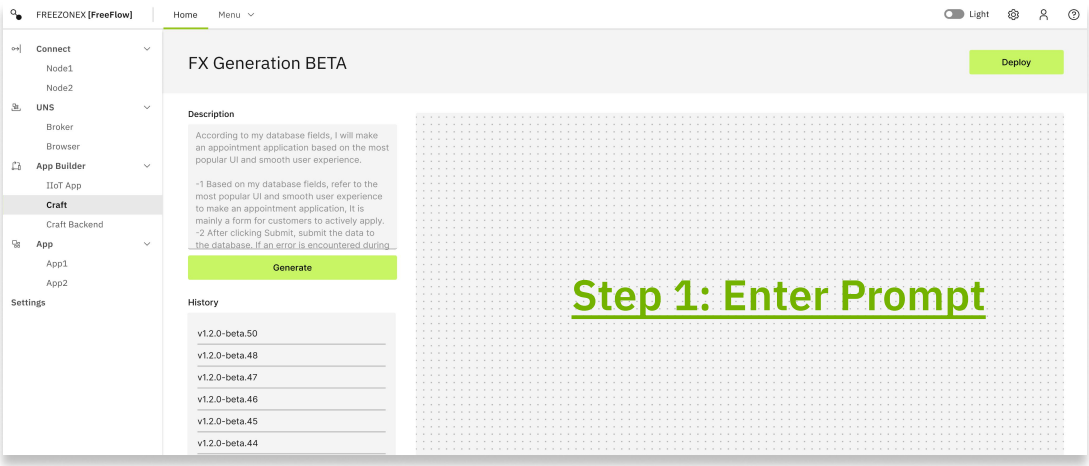
Frontline APP Builder

Utilizing the low-code development method and generative UI to develop a myriad of applications, everyone could be a programmer. Especially designed for SCADA, HMI, mobile interfaces.

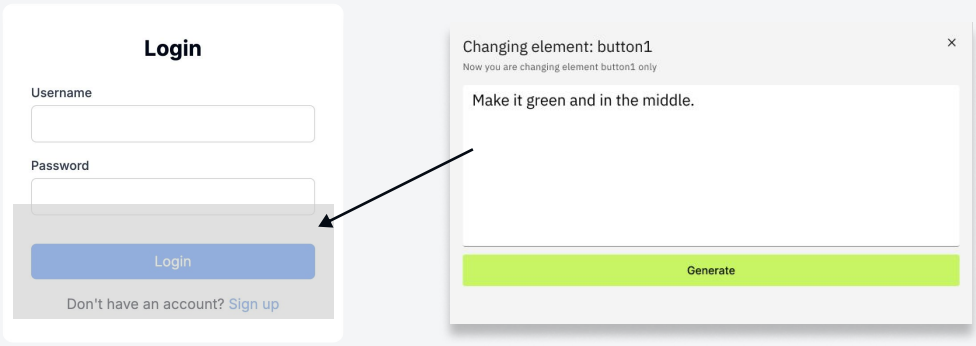
- **X-IDE: Provides extensive element libraries for charts and equipment units, streamlining the creation of dashboards, flow charts, production tickets, and workflow.**



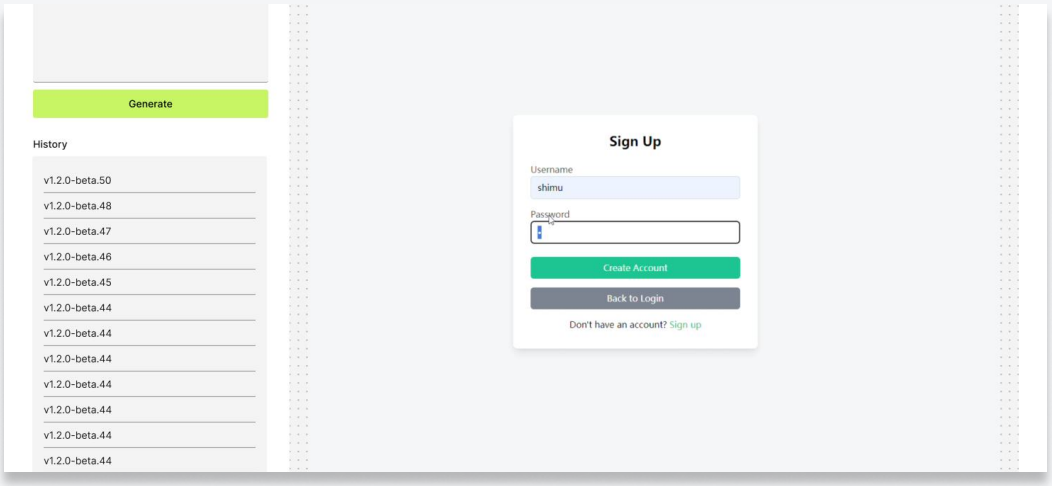
- **Generative UI: Natural language-driven interface design seamlessly bridge the front and back ends.**



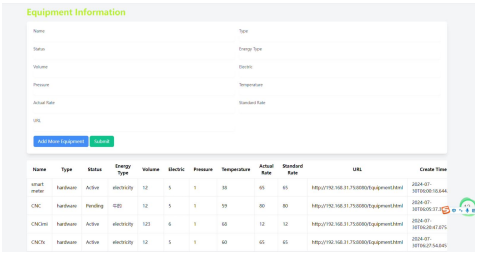
Step 2: Fine-tuning



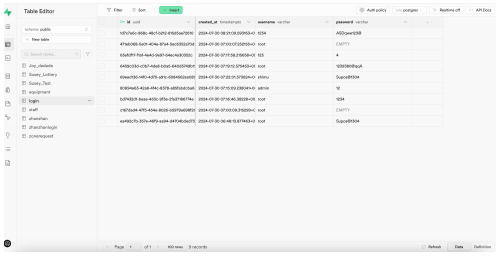
Step3: Generate the final page



You Can Also



Generate redirects to other links



Generate connection with the database

Frontline App Builder

All in One Platform

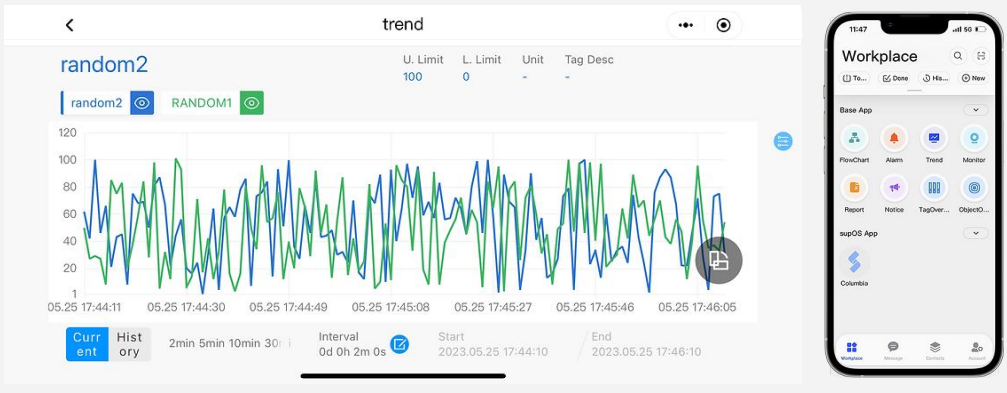
All in One Platform

Secure and simple access to the connected industry.

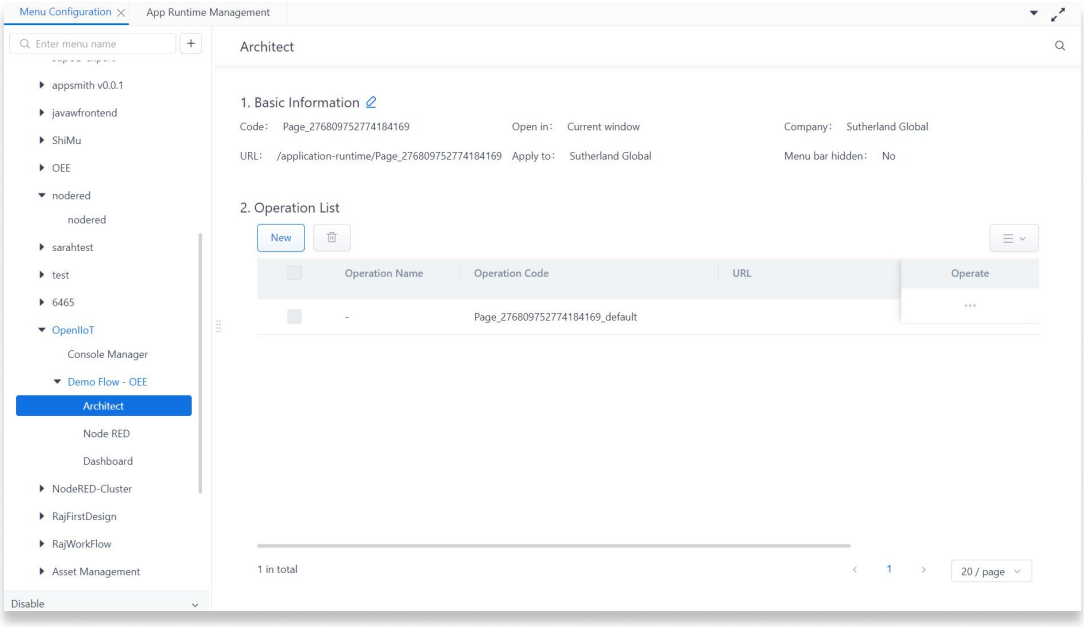
- **Unified Workbench: Seamlessly integrate, utilize, and manage all applications and software from a centralized platform. Customize your desktop workspace to suit your needs and preferences.**

- **Integration with various mainstream applications, including AWS, Google sheets, SAP, Slack, Discord, and MS365.**

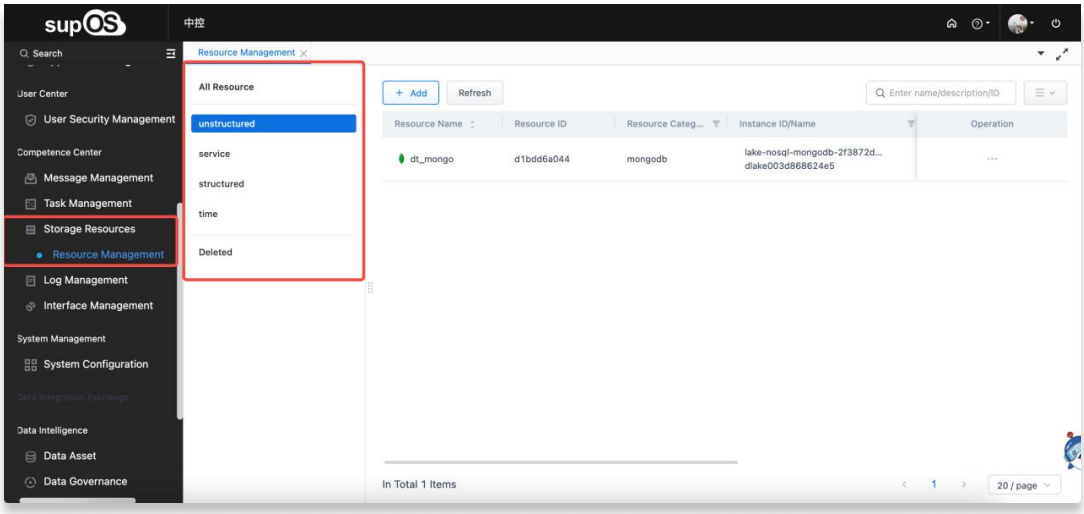
- **Access all applications on mobile.**



- **Unified Access Authentication: No need to build application access control modules from scratch.**



- **Unified Resource Management: Full lifecycle resource scheduling includes development resources, login control, task management, interface management, system configuration, and more.**



All in One Platform

SaaS & On-Premise

We provide both SaaS and subscription-based private deployment options.

SaaS

Private Deployment

Packages

		Dev	Data Centeric	Advanced
Sizing	supLake Tags	20000	50000	50000
	Concurrent License	50	200	200
	X-Collector	2	3	3
Feature	supLink	√	√	√
	X-IDE	√	√	√
	X-BD			√
	X-Edge			√
	X-ETL		√	√
	X-DAM		√	√
	FreeFlow	√	√	√
	API Gateway	√	√	√
Service	Online Resources	√	√	√
	On call technical support and ticket response within 4hrs			√

The package list showcases the On-Premise deployment option.
For more information, please contact sales@freezonex.io.