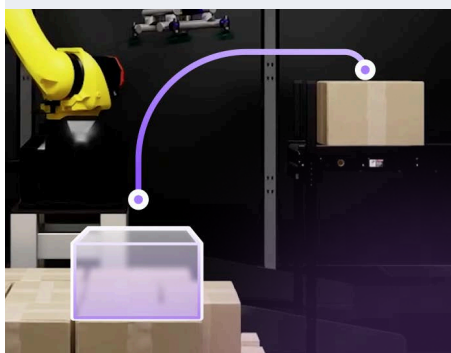


Take **control** of your automation strategy.

Revolutionize automation with scalable software that works across robots and production sites. **Break free from rigid systems** with Wandelbots NOVA and its ecosystem.

MAKE YOUR AUTOMATION MORE **EFFICIENT**



Wandelbots NOVA boosts the performance of your existing automation processes continuously by optimizing cycle times with intelligent path planning and accurate digital twin technology.

- ✓ Faster deployment and continuous optimization

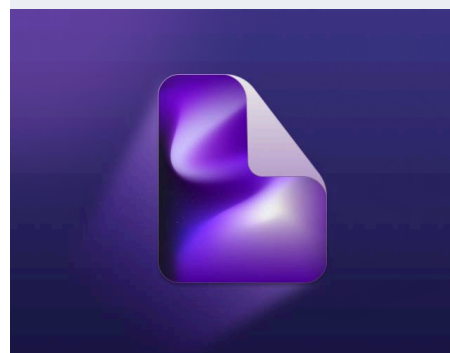
MAKE YOUR AUTOMATION MORE **FLEXIBLE**



Wandelbots NOVA makes it easy to connect smart peripherals and data services, enabling intelligent automation processes designed to meet evolving flexibility requirements of today's operation.

- ✓ Future-proof scalability and flexibility

MAKE YOUR AUTOMATION MORE **SUSTAINABLE**



Wandelbots NOVA allows clients to reuse existing hardware components and software solutions in new automation projects instead of building everything from scratch every time.

- ✓ Lower total cost of ownership

A powerful ecosystem

We provide an open environment for seamless integration of automation and emerging software solutions.

STRATEGIC TECH PLATFORMS



AUTOMATION SPACE



ROBOT BRANDS



Wandelbots NOVA

The robot operating system



Robust Interface for All Robots

Unified RESTful API for controlling, programming, and monitoring over 300 robot models and peripherals across leading OEMs. Enables real-time control and centralized integration within one environment.



Out of the box and ready to go

Use Wandelbots NOVA out of the box on your preferred hardware or in the cloud, and get started quickly with your preferred Apps and available Integrations.



Open Architecture

NOVA runs on a microservices architecture for flexible deployment and scalability. This enables you to integrate NOVA seamlessly into your IT/OT environment.



Custom Path Planning

Design task-specific robot paths with advanced planning APIs. Supports integration of custom logic, collision avoidance, and trajectory optimization for complex use cases.



Digital Twin with Omniverse

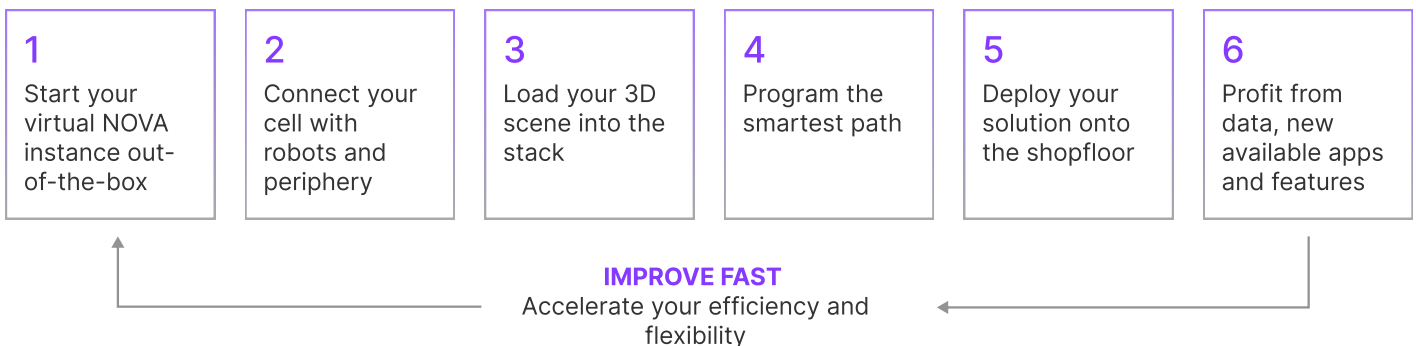
Wandelbots NOVA includes an extension for NVIDIA Omniverse. It enables physics-accurate simulation and synchronized interaction between virtual environments and physical robots.



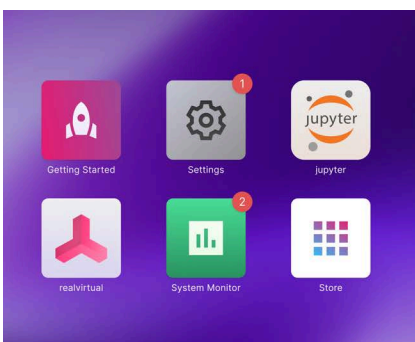
Python and TypeScript native clients

Language-specific SDKs provide abstraction layers for the NOVA API. Support integration with ML libraries and React-based UI components for full-stack development of robotic applications.

How it works



Developer platform



The Developer Platform is the hub and one-stop-shop for software developers to create applications and services on NOVA and enable them to leverage the full power of the Wandelbots Ecosystem.

- Extensive documentation with examples
- Develop and test against virtual robot cells in a cloud environment
- App Store with a growing set of ready-to-use applications