

PowerBot

IN A NUTSHELL

WHAT POWERBOT DOES

- We automate 24/7 trading desks (intraday continuous, intraday auction, day-ahead)
- With integrated trading algorithms and custom trading strategies
- Easy programmatical access to the market

HOW POWERBOT DOES IT

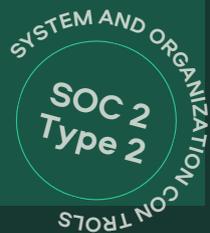
- High availability microservice
- API first (OpenAPI/WebSocket)
- Cloud based SaaS software
- Browser-based user interface

FIGURES

- 85+ customers (Axp0, Orsted, Ignitis..)
- 12 exchanges (epexspot, Nordpool, TGE, Cropex, HUPLEX, Southpool, IBEX,...)
- 22 markets

IT CERTIFICATIONS

- ISO/IEC 27001:2022
- SOC2 Type 2



ADVANTAGES

OUT OF THE BOX TRADING SOLUTION

- Fully managed 24/7 automated trading with out-of-the-box strategies and cloud deployment

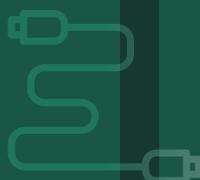
EXECUTION SERVER

- Redundant production system (high availability) and staging environment
- OpenAPI specification (REST) with automatic client generation
- Addition WebSocket topics for real time data streaming

PLUG & PLAY CUSTOM STRATEGIES

SHADOW TRADING & BACKTESTING

- Test and validate standard & custom algorithms risk-free in a sandbox environment.



FEATURES

PORTFOLIOS

Supports intraday continuous, auction, and day-ahead trading with unlimited portfolios, multi-tenant access, and position management.

TRADING

Features shadow trading, cross-trade recognition, internal trading, load management, OTR, reporting, and audit logs.

ALGO DEVELOPMENT

Offers an algorithm framework with race condition prevention and stateless trading strategies.

ANALYTICS

Provides historical market data, backtesting, and capacity data for in-depth analysis.

SAFETY & RISK

Ensures security with flexible risk limits, emergency stops, IP filtering, and role-based API key access.

DOCUMENTATION

Code samples, knowledge base api documentation



ALGORITHMS

POSITION CLOSER ALGO

Avoid balance energy by closing open positions in intraday trading

POSITION OPENER ALGO

(Virtual) flexibility trading by opening and buying-back positions

CUSTOM STRATEGIES

Algorithm base class for Python that implements default algorithm architecture
Algorithm deployment tools

