



Syntphony Power Trading

**Operate short-term power markets.
End to end.**

A specialized SaaS platform for portfolio management, forecasting, strategy configuration, market bidding, connectivity, real-time position management, settlement and reconciliation across short-term electricity markets.



syntphony

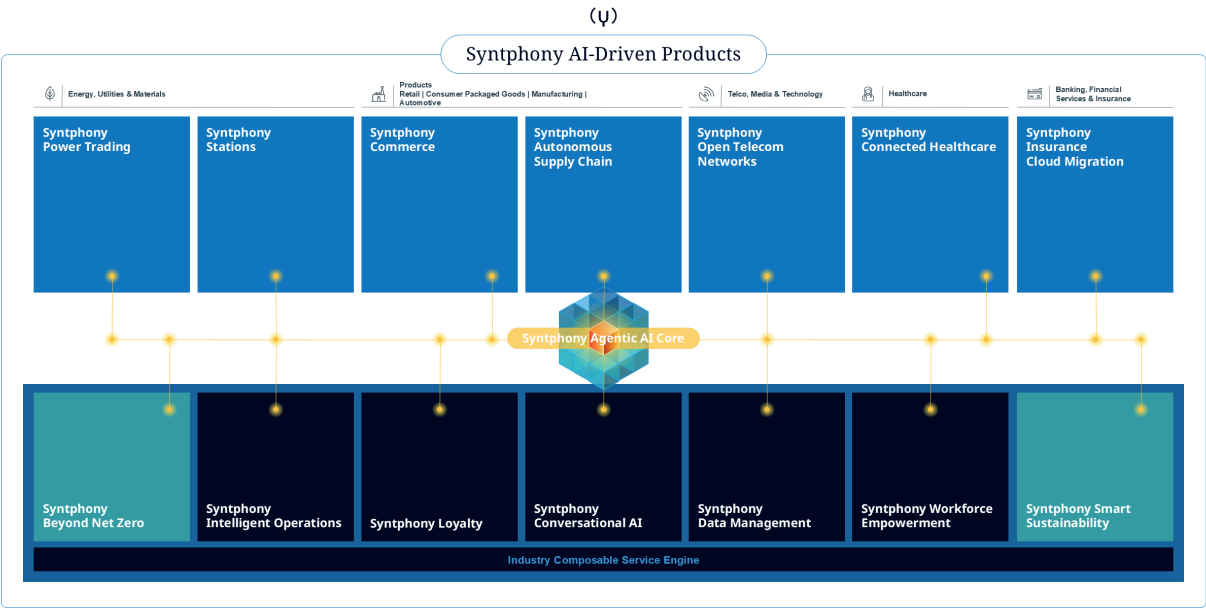
We develop products and solutions that are in tune with businesses



Syntphony is NTT DATA's AI-driven composable product platform, created to help organizations combine industry expertise, technology and reusable digital products to accelerate time to market and scale transformation initiatives.

Designed for organizations that require flexibility, modularity and integration, Syntphony brings together enterprise-grade products developed by NTT DATA's global talent network. By combining business consulting, proprietary technologies and industry knowledge, the ecosystem helps clients reduce implementation time, create synergies and respond more quickly to evolving business needs.

Syntphony is the AI-driven composable platform of NTT DATA, enabling clients to orchestrate scalable, resilient, and future-ready business solutions.



Short-term markets demand faster, more connected operations



Quarter-hourly products, growing data volumes and increasingly frequent operational decisions are changing how market participants manage their short-term activity. Trading, dispatching and energy management teams need to coordinate forecasts, asset availability, strategies, bids, nominations, positions and settlement information within progressively tighter timeframes.

Operational complexity is increasing

Short-term electricity market operations involve multiple market operators, TSOs, rules, interfaces and internal systems. When information is fragmented across spreadsheets and disconnected tools, teams spend more time reconciling data, responding to exceptions and maintaining manual processes.

Regulation and market design continue to evolve

New products, granular timeframes and changing market rules require continuous adaptation. Market participants need a platform that can evolve with regulatory requirements while preserving operational continuity and control.

Expansion requires scalable foundations

Operating across additional assets, portfolios or markets requires more than connectivity. It demands repeatable processes, configurable business rules, traceable data and an architecture that can scale without multiplying operational complexity.

Unify short-term market operations in a platform built for the reality of electricity trading.

Every short-term market process. One platform.

Real-time decisions in evolving electricity markets

Syntphony Power Trading is a specialized SaaS platform for the participation and operation of short-term electricity markets. It integrates portfolio management, forecasting, strategy configuration, bidding, market connectivity, position monitoring, real-time operations, settlement and reconciliation in one operational environment.

Designed for utilities, representatives, traders, independent power producers and other market participants, the platform helps teams respond to market events with greater speed, consistency and control.

Built for experts in power market operations

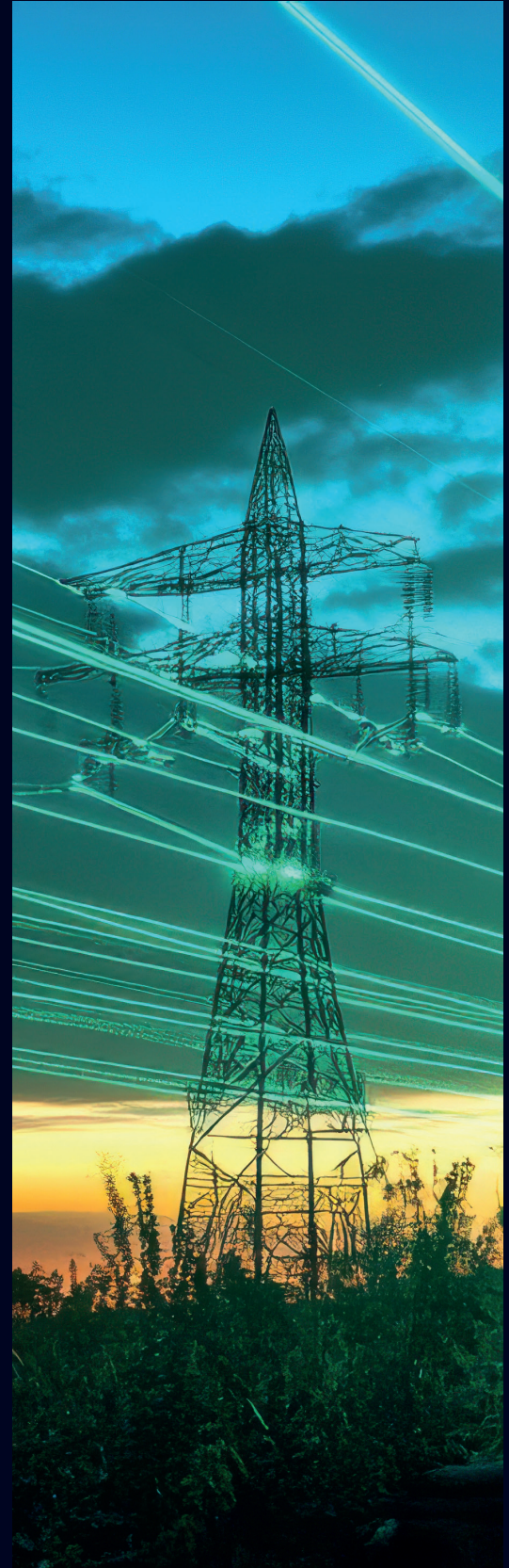
Syntphony Power Trading addresses the processes that electricity market professionals manage every day. Its configurable rules, automated workflows and specialized market integrations reduce repetitive work while preserving visibility and operational oversight.

Specialized capabilities that complement your ecosystem

The platform complements existing ERP, ETRM, SCADA and forecasting environments with specialized capabilities for short-term market operations. Its modular architecture allows each organization to deploy the capabilities it needs and expand over time.

Continuous evolution as part of the service

Regulatory and market changes are incorporated into the product roadmap, helping clients maintain alignment with the markets in which the solution is operational. NTT DATA combines product evolution with implementation, integration and post-go-live support.



A specialized product and service model for short-term power markets

End-to-end short-term market coverage

Manage the operational chain from forecasts and strategies to bids, positions, settlement and reconciliation in a connected environment.

Continuous regulatory evolution

The SaaS service evolves with mandatory market and regulatory changes in the markets supported by the product.

Modular deployment

Deploy the capabilities required for each operating model and expand as portfolios, assets and markets grow.

Support beyond go-live

Combine platform availability and incident support with continued product evolution and optional services for new requirements.

Integration with the existing landscape

Connect securely with market operators, TSOs, ERP, ETRM, SCADA, forecasting providers and reporting tools.

Configuration-driven implementation

Adapt business rules, master data, reports and workflows to the client's operating model, supported by an experienced implementation team.

Operational autonomy

Train internal administrators to manage recurring configuration and day-to-day needs with reduced dependency on external support.

NTT DATA expertise and global scale

Access market knowledge, technology capabilities and delivery capacity to support expansion and long-term evolution.



All in one. All under control. Turn specialized short-term market capabilities into measurable operational value.

Benefits

Reduce operational workload

Automate repetitive activities across bidding, nominations, position updates, settlement and reconciliation so teams can focus on exceptions and strategic decisions.

Make faster, better-informed decisions

Provide a consistent view of forecasts, availability, positions and market activity to support timely action.

Adapt continuously to regulatory change

Evolve market rules, calculations and interfaces as supported markets change, reducing the burden of maintaining isolated tools.

Scale without multiplying complexity

Extend operations to additional assets, portfolios and markets through configurable processes and modular deployment.

Strengthen control and traceability

Maintain consistent workflows, auditable calculations and visibility across front-office, operations, back-office and integrations.

Accelerate onboarding and market expansion

Use reusable capabilities, specialized integrations and expert support to shorten the path to new operating models and markets.

Features

Portfolio management

Centralize assets, clients, units, availabilities and commercial positions across the operating portfolio.

Forecasting and strategy configuration

Combine forecast inputs with configurable business rules to support offer preparation and market strategies.

Automated bidding and nominations

Generate and update bids for day-ahead, intraday, balancing and ancillary services markets while managing nominations and results.

Real-time position management

Monitor positions, deviations, market events and operational KPIs to support time-critical decisions.

Settlement and reconciliation

Configure settlement logic, calculate invoiceable concepts and reconcile operational and economic results.

Market and enterprise connectivity

Integrate with market operators, TSOs, ERP, ETRM, SCADA, forecasting providers and reporting platforms through secure interfaces.

Event-driven and modular architecture

Automate responses to data and market events and scale independent capabilities according to client needs.

Customer and producer portal

Exchange forecasts, availability, bids, incidents, prices and settlement information with producers and clients.



Extend the Syntphony ecosystem with intelligent financial reconciliation

Syntphony Power Trading and the Syntphony Backoffice Solution address different but complementary business needs. Power Trading supports the decision and execution processes used to buy and sell energy in short-term markets. The Backoffice Solution validates and reconciles the economic information produced by energy activity.

Invoice Reconciler Agent

Within the Syntphony Backoffice Solution, the Invoice Reconciler Agent can automate the ingestion, extraction, validation and reconciliation of energy invoices and related financial data. It compares invoices with meter data, prices, contracts, forecasts and calculated values while preserving human oversight and auditability.

Intelligent document processing

Identify relevant emails and attachments, apply multilingual OCR, classify invoice types and extract structured data.

Unified data orchestration

Bring together invoices, market information, metering, contracts, forecasts and ERP data for validation.

Automated validation and reconciliation

Compare invoiced values with expected records and rules, detecting differences and exceptions.

Human-in-the-loop control

Route exceptions for explicit review before closure and preserve a traceable decision history.

Analytics and insight

Expose discrepancies, recurring patterns and financial risks to support faster and more reliable decisions.

Complementary positioning

Use Backoffice Solution capabilities alongside Power Trading when the client also needs financial validation and reconciliation beyond market operations.



Built for the operational realities of short-term electricity markets

Automated participation in short-term markets

Manage the full offer lifecycle across day-ahead, intraday and quarter-hourly products. Configurable rules can update bids according to forecasts, asset availability and market events, reducing repetitive work under tight operating windows.

End-to-end management of generation and storage assets

Coordinate portfolios from availability and scheduling through nomination, dispatch and result tracking. Connected workflows improve traceability and control for each asset and market unit.

Balancing and ancillary services operations

Support bidding and operational processes for balancing and ancillary services, including RR, aFRR, mFRR and redispatch where available. Manage activations, results and subsequent settlement processes in a consistent environment.

Settlement and operational reconciliation

Configure settlement items, calculate results and reconcile operational data with market and contractual information. Improve traceability across the post-trade process without relying on fragmented spreadsheets.

Market onboarding and direct participation

Support organizations building or expanding their capability to participate directly in electricity markets, combining product deployment, integrations, operating-model definition, training and market expertise.

Business continuity for critical market operations

Standardize processes, improve information availability and reduce dependence on manual tools for activities that must continue within fixed market deadlines.





About NTT DATA

NTT DATA - a part of NTT Group - is a trusted global innovator of IT and business services headquartered in Tokyo. We help clients transform through consulting, industry solutions, business process services, IT modernization and managed services. NTT DATA enables clients, as well as society, to move confidently into the digital future. We are committed to our clients' long-term success and combine global reach with local client attention to serve them in over 50 countries.