

Digital Transformation

# OPTIMUS CHARGING

## OVERVIEW

Neural Technologies' **Optimus CaaS (Charging as a Service)** is a cloud-native charging, analytics, and revenue assurance bundle.

The platform can handle any level of complexity in charging solutions to provide both maximum flexibility and profitability to customers within a multi-level tariffed ecosystem. The platform supports flexible use cases like Utility Metering, IoT Rating, Revenue Assurance, Billing Reconciliation.

**Optimus CaaS** uses a time-tested Charging Engine that has been built around supporting the Telco & Utilities industries which implement some of the most complex pricing models in the world. There is no limit to the flexibility and complexity that Customers can deploy—e.g.; time-of-day, day-of-week, peak hours, discounting scenarios, geo-zoning etc. The solution can support standard subscription models, but can also provide unlimited growth/flexibility as multi-tiered tariff structures continue to evolve.

The **Optimus CaaS** solution can be further enhanced by using Neural Technologies' unique built-in credit worthiness/scoring module known as Optimus Liquid Credit. This AI/ML driven component can identify and monitor “bad” or “risky” customers (KYC – Know Your Customer) as they are on-boarded and also during the application process.

**Finally**, by leveraging **Optimus'** time-tested Revenue Assurance capabilities, the customers get further assurance that their revenue streams are both accurate and safe.

**Neural Technologies** has a depth of experience built over many years in Revenue Assurance. Our Optimus Platform is used the world over and our customers rely on the accuracy of the system for maintaining the highest in ROI and enhanced customer experience.



# SOLUTION FEATURES



- Custom configurable Product and Usage-Scenario setup
- Freely definable Rate-Categories, Rate- and Price-Plans
- Time-Model setup including holidays, user definable calendars, day codes and time intervals
- Various Rounding methods and Currency conversion
- Hierarchical and cascading Zone-Models (numerical and alphanumeric best-match algorithms)
- Parallel support for multiple Resources (e.g. currency, loyalty points, etc.) and multiple Units (e.g. duration, volume, items etc.)
- Flexible Tiered, Threshold or Stepped Pricing definition incl. Add-On and Minimum Charges
- Multi-Tariff-Rating (calculate multiple tariffs in parallel)
- Optional Features (subscriber specific rating of options)
- Volume based Discounting or Policies
- Seamless Billing Integration via freely definable Billing and Revenue Groups
- Easily institute Promotions/ Vouchers
- Gross and/or Net pricing
- Wholesales and/or Retail pricing

# BENEFITS TO OPERATORS

-  **Secure:** Platform is easily configured and tariff structures remain secure. Customers can be efficiently onboarded and maintained with minimal IT resources.
-  **Credit Scoring:** Can use the Neural "Liquid Credit" product for real-time scoring of customers facilitating on-boarding as well as continuous payment behavior monitoring.
-  **Optimized For Complex Tariffs:** Optimized for complex tariff structures such as those used in Utilities & Telecom. Automated operation allows for immediate adjustments of rates based on multiple real-time variables.
-  **Data Quality Assurance:** Employs advanced Data Integration capabilities and applies quality assurance techniques to ensure that the ingested data is accurate and results in proper rating/pricing.
-  **Flexible Pricing:** Features flexible pricing based on the operators' usage profile and tariff complexity.
-  **Flexible Dashboard:** Easy to use dashboard allows the Admin to make changes at a glance and review configuration status.
-  **Industry Agnostic:** Developed to support complex Tariff based industries such as the Telco & Energy Utility sectors but can be applied to any Private or Public submarket.
-  **Open API Support:** Can connect to Third-Party Platforms and Business Applications using a wide range of API support via Open Source API. Integration via a mediation layer (OptimusDI) allows other Applications to access the Optimus CaaS platform.
-  **Built-In Revenue Assurance:** Integrates with Neural Technologies' flexible Revenue Assurance suite of solutions making additional platforms for reconciliation redundant.



## ABOUT NEURAL TECHNOLOGIES

Optimus, from Neural Technologies, brings accord and insight to an open digital world. Neural Technologies has a global presence with customers in 45 countries worldwide. Founded in 1990, from being a pioneer in commercial machine learning, the company has built an international reputation for providing quality solutions to increase the bottom-line for its customers around the globe

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