

FOSFOR

by Fosfor

Fosfor for Utilities

Utilities
AI

Utilities
Analytics

Utilities
Data

Introduction

Utilities are facing unprecedented challenges to significantly reduce their Operating Expense while transforming the organization to Decarbonize, Decentralize, Disaggregate and Digitize traditional services. The Utilities environment has become complex with the DER's, EV penetration, etc., which necessitates improving Energy load management more than ever.

On the other hand, we have seen revolutionary advances in storage, connectivity, and AI—as well as the infrastructure to enable and manage all three of these. These advances have made it clear that there's enormous value locked up in data in the form of insights that have been difficult or impossible to extract until now.

What does it mean for Utilities?



Grid Intelligence – Better planning of the Grid for load management simulation, Asset replacement, predictive maintenance, DER management & forecasting, etc.



Power Trading – Improve risk analytics, better contract management, faster settlements, simulate options scenarios, etc.



Customers – Increasing consumerism among Utilities customers are driving demand for better customer experience while also providing additional digital revenue channels for Utilities



Renewables – Clean energy & infrastructure stimulus are capturing headlines. Utilities need to better plan their carbon emissions while building the infrastructure for renewables generation and energy consumption points like EV chargers.

What can Fosfor do for Utilities?

The Fosfor Product Suite by LTI is the first and only integrated solution specifically designed to solve some of the most critical problems in Utilities with Data. It provides Utilities users with intuitive access to insight discovery tools without requiring IT intervention. Moreover, it provides IT and data teams with tools to optimize every operational aspect of conducting advanced analytics across all relevant data sources.

How does Fosfor do it?

It employs tools to aggregate and catalog on-prem, on-cloud, and streaming data sources of structured and unstructured data.

It operationalizes the AI algorithms used to analyze data and provides a natural-language, augmented intelligence interface allowing business users to extract value from data without IT intervention.

The Fosfor Product Suite consists of five products that address a crucial area of the data-to-insights lifecycle.

The Spectra logo features a green circular icon with a white arrow pointing right, followed by the word "spectra" in a lowercase, sans-serif font.

Spectra is a modern DataOps platform that unifies data engineering, processing, deployment, and governance functions under a single, intuitive, low-code user interface.

The Aspect logo features an orange square icon with a white arrow pointing right, followed by the word "aspect" in a lowercase, sans-serif font.

Aspect is an unstructured data processing platform that helps business users mine knowledge from documents or automate document-based processes in a no-code environment.

The Optic logo features a yellow circular icon with a white arrow pointing right, followed by the word "optic" in a lowercase, sans-serif font.

Optic helps IT and data science teams to discover, organize, and focus on the value of available data, analytics, and knowledge assets.

The Refract logo features a purple square icon with a white arrow pointing right, followed by the word "refract" in a lowercase, sans-serif font.

Refract is a modern MLOps platform that allows the use of more productive ML algorithms more quickly and more accurately with fewer resources

The Lumin logo features a teal square icon with a white arrow pointing right, followed by the word "lumin" in a lowercase, sans-serif font.

Lumin enables exploring on-demand options in natural language, removing the limits on the insights that can be discovered. It autonomously transforms data into valuable business insights, allowing data teams to ask questions in simple Q&A

The Fosfor Product Suite is the only end-to-end suite for optimizing all aspects of the data-to-decisions lifecycle. Fosfor helps you make better decisions, ensuring you have the right data in more hands in the fastest time possible. The Fosfor Product Suite is made up of Spectra, a comprehensive DataOps platform; Optic, a data fabric to facilitate data discovery-to-consumption journeys; Refract, a Data Science and MLOps platform; Aspect, a no-code unstructured data processing platform; and Lumin, an augmented analytics platform. Taken together, the Fosfor suite helps businesses discover the hidden value in their data. The Fosfor Data Products Unit is part of LTI, a global technology consulting and digital solutions company with hundreds of clients and operations in 31 countries. For more information, visit [Fosfor.com](https://fosfor.com).

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