

GE Digital Announces DERMS Solution to Power the Energy Transition and Help Keep the Electric Grid Safe, Secure, and Resilient

- *GE Digital and Opus One Solutions have come together to help utilities on their DERs journey with a modular DERMS platform*
- *Software is designed to provide intelligence, operations, economics, and markets in one solution*
- *Designed to enable grid operators to connect, see, control, and optimize DERs, and help utilities provide clean, reliable, and affordable energy to customers*
- *IDC MarketScape: Worldwide DERMS 2022 Vendor Assessment names GE Digital a Leader citing strengths in software innovation and partnering with the most progressive utility customers globally to meet DER orchestration and grid optimization challenges*

DALLAS, TX - MAY 23, 2022 -- [GE Digital](#) has announced the first solution resulting from its acquisition of Opus One Solutions to power the energy transition today at DistribuTECH. [Opus One DERMS™](#) is designed to be an end-to-end modular Distributed Energy Resource Management System (DERMS) that can help utilities on their Distributed Energy Resources (DERs) journey to keep the grid safe, secure, and resilient while enabling energy affordability and customer participation in power generation/contribution. The software is designed to provide intelligence, operations, economics, and markets in a modular solution that can enable grid operators to connect, see, control, and optimize DERs from technical and economic standpoints, while helping utilities provide clean, reliable, and affordable energy to their customers.

Today, utilities face growing DER backlogs, lack of visibility into DER behavior, the inability to control DERs intelligently, and the need to balance market transactions with grid safety. High distributed power generation intermittency, low grid inertia,



and masked loads result in significant operational risks. And utilities also need to be prudent in their grid investments, while meeting growing regulatory compliance as DERs lead to new opportunities such as monetizing surplus energy in wholesale and local markets.

Opus One DERMS is designed to grow with a utility's needs use case by use case, feeder by feeder, and substation by substation. It helps utilities optimize the increasing number of DERs while enabling Non-Wires Alternatives (NWA) and facilitating flexibility and transactive markets for Distributed System Operators (DSO). This modular software is designed to be vendor agnostic and provides capabilities that support use cases based on a utility's DER adoption maturity. Utilities can select the modules they need depending on where they are in their DERs' journey, or how DER-enabled their Advanced Distributed Management System (ADMS) is. Modules can also be integrated with existing ADMS or be separate based upon use case requirements. The standards-based architecture is designed to allow flexible deployment.

"The accelerated growth and volume of DERs that are connecting to the grid create both challenges and opportunities for utilities," said Josh Wong, President and CEO of Opus One Solutions from GE Digital. "With Opus One DERMS, our customers gain a flexible solution for every stage of their modernization and sustainability journey while delivering affordability with customer engagement and market-based business models."

Opus One DERMS is designed to accommodate the high growth of DERs, ensure grid reliability and resiliency, and help utilities comply with regulations. The solution can go beyond basic dispatch and control to forecast, anticipate, and resolve system violations while optimizing DERs and grid performance across multiple time frames, from minutes to weeks ahead and beyond. Opus One DERMS can also act as an aggregator of aggregators for utilities by supplying a "single pane of glass" consolidating visibility and control across fleets of DERs for streamlined DER and grid management. It enables a very fine granular view when solving a violation on a single distribution feeder or an aggregated view when



solving a violation on a primary substation.

In April, GE Digital was named in a Leader category of the [IDC MarketScape: Worldwide Distributed Energy Resource Management Systems \(DERMS\) 2022 Vendor Assessment](#)¹. “GE Digital has built a foundation of utility and clean energy expertise to address operational needs in both the renewables and DER integration space,” said John Villali, Research Director IDC Energy Insights, and one of the authors of the IDC MarketScape 2022 DERMS report. “We have been impressed with GE Digital’s level of software innovation and in partnering with the most progressive utility customers globally to meet their DER orchestration and grid optimization challenges. With the company’s recent investment in Opus One Solutions and future product roadmap plans, we see great alignment with the future market need.”

Click on this link for more information about [Opus One DERMS](#).

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