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DATA CENTER SPECIAL

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20 Most Promising Data Center Solution Providers 2017

The data center ecosystem is witnessing more disruptive technology implementations as organizations adopt newer technologies. While virtualization of the IT infrastructure continues steadily in the data center environments, the dominance of big data, Internet of Things and machine learning will continue to fuel innovation in the data center landscape even as data center customers look to reduce the cost incurred on increased compute and storage requirements.

Data Center Infrastructure Management (DCIM) solutions have garnered wide attention as these solutions promise cost savings through streamlined performance of the infrastructure and improved energy management. DCIM transforms data center operations by automatically monitoring and scheduling tasks pertinent to infrastructure, networking, and facilities. It also aids in workflow automation for process tracking and audit trails. Through APIs, DCIM provides operators with a single pane of glass view of the real time information related to asset

management, resource management and forecasting. Besides DCIM, there are solution providers in the market offering intuitive solutions to tackle single point of failure and unplanned downtime in the data center environment.

Interestingly, more number of organizations are looking to outsource their data center requirements by running their business applications on servers which are geographically located in an area that incurs lower maintenance cost due to conducive climate conditions. Organizations are also looking for outsourcing partners who use renewable or alternate sources of energy for lesser carbon footprints.

To help CIOs pick the best solutions to drive their data center ROI, a distinguished panel of CEOs, CIOs, VCs, analysts including CIOReview editorial board has listed 20 companies that are spearheading innovation in the data center arena.

We present to you CIOReview's '20 Most Promising Data Center Solution Providers 2017'.

Company:
evolve Data Center Solutions

Description:
Delivering end-to-end data center solutions from planning or deployment to maintenance and monitoring

Key Person:
Jon Fayard
COO-Data Center Design Solutions

Website:
evolveincorporated.com

eVOLVE Data Center Solutions High-Quality Data Center Management

Despite all the technology advances, data centers require a sound, reliable and efficient design with the ability to scale during live operations to meet client requirements. In the modern era, as data centers are becoming more complex and advanced, companies are demanding high-quality Data Center Infrastructure Management (DCIM) platforms that provide clear visibility and increased data center efficiency, balancing supply and demand. As a one-stop-shop for end-to-end data center solutions, eVOLVE Data Center Solutions provides high-availability data center capabilities and services through a proven fast-track, turnkey, design-build methodology that caters to every essential need of critical data centers. "We not only supply equipment but also offer post construction maintenance and infrastructure monitoring for our clients," says Jon Fayard, COO, eVOLVE Data Center Solutions.

Based in Houston, TX, eVOLVE delivers a lifecycle of data center services that cater to client-specific operations—from critical data center concepts to implementation and commissioning right-sized solutions, yielding maximum benefits to every client is the company's focus. "We take on the responsibility for the entire data center ensuring delivery of each client's customized requirements," affirms Fayard. The company leverages its expertise to couple design with construction project management to complete projects on time, helping enterprises with their goal accomplishments. "We deliver our projects as quickly as possible without compromising on quality, in the most cost-effective manner."



Jon Fayard

“We take on the responsibility for the entire data center ensuring delivery of each client's customized requirements”

Post-construction, the firm ensures that data centers deliver maximum performance without fragmented operational workflows. eLERT—The Robust DCIM system—acts as a 'watchdog' of the entire data center, keeping watch on all equipment in the data center trending every detail. The data center infrastructure management product enables IT managers to view all data center systems and operations through a single pane of glass, while

receiving instant alerts during abnormal conditions in real time.

To further ensure reliable uptime of data centers, the firm also provides infrastructure support services, facilitated by an in-house power generation team. "We have a patent pending technology within the power generation landscape so that we can sell, service, and maintain, generators, for all of our clients; as well as, UPSs, ATSS, PDUs, and cooling equipment," says the COO.

The company foresees that real-time interactive systems are going to be the most effective methods to achieve uninterrupted data center operations. In this light, eVOLVE's etag, a sophisticated CRM system, enables data center professionals to contact their 24/7 command center for immediate support that ensures each data center component, old or new, is operating properly and optimized. "By tracking alarm trends and precise naming conventions for devices, we can quickly identify any faulty equipment and dispatch for immediate action," states Fayard.

Over the course of its history, eVOLVE has been pioneering a multitude of data center solutions for a broad base of organizations. The firm plans to roll out Quick Response Readers (QR Reader)—an intuitive scanning device with easy-to-use information screen—that enables even the non-technical professionals to efficiently scan for defective devices. "In an emergency, they have a tool to tell them what to do, whom to call, and immediately identify devices that need immediate attention to mitigate major problems before escalating it," comments Fayard. As for the future, the company further plans for geographical expansion with new regional offices. CR

eVOLVE Data Center Solutions

recognized by CIOReview magazine as



An annual listing of 20 companies that are at the forefront of providing data center solutions and impacting the marketplace