



## Gartner: What to do to make data centers more sustainable

### Description



Just a few weeks ago Gartner analysts said that sustainability and issues around it would transcend all of the strategic technology trends for 2023. This week at its IT Infrastructure, Operations & Cloud Strategies Conference Gartner described how corporate data centers might make sustainability a practical reality. “IT leaders must avoid wasting value through the premature replacement of IT infrastructure,” said Philip Dawson, vice president and analyst at Gartner, at the conference. “They can do that by using real-time health analytics to maximize the useful life of data-center assets.” “On-premises data centers and cloud providers are extending infrastructure lifecycles from three to five years and from five to seven years to help maximize OPEX cycles and reduce CAPEX investments tied to refresh,” Dawson stated. Above all, the most-effective way that sustainability can reduce costs is through greater energy efficiency and optimized power consumption. It is paramount that

infrastructure and operations (I&O) leaders identify where and how data-center infrastructure can be optimized to consume less power, without hindering necessary business operations, Dawson stated. Organizations need a sustainable-technology framework that increases the energy and material efficiency of IT services, and it must enable enterprise sustainability through traceability, analytics, renewable energy, and AI. The framework should also call for the deployment of IT solutions that help organizations achieve their own sustainability goals, distinguished vice president and analyst at Gartner Frances Karamouzis said earlier at the research firm's IT Symposium/Xpo 2022. "Targeting areas such as data-center power consumption is low-hanging fruit because it's easy to measure," Karamouzis said. "What enterprises need to look at is what to deploy as they get more and more data. Are they looking at buying more storage the same old way or are they looking at optimizing that system by looking at things like DNA storage and looking at the level of redundancy they need and implementing technology with a sustainable mindset." Environmental sustainability on CEOs' radar, with 9% of them putting it among their top three business priorities, Gartner stated. Nearly 70% of them who Gartner surveyed plan to invest in new sustainable products and in make existing products more sustainable, the analysts stated.

Read the full article at: [www.networkworld.com](http://www.networkworld.com)

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