

The Continuing Data Surge: Challenges and Opportunities for High-Performance Semiconductor Solutions

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In the not-so-distant past, mass media were the generators of information and users were the consumers of information. Now, electronic devices that are smart, connected, and always on are enabling users to generate massive amounts of data as they shoot photos and videos as part of their daily routines, and governments, research institutions, and businesses are deploying ever-expanding networks of sensors that pump out volumes of data so large that they overwhelm our capabilities to process them. These disruptions in the information supply chain are driving the exponential increase in the volume of data, with ever-increasing demands on the infrastructure to transport, store, and process the information. In this talk, we will explore how the semiconductor industry is rising to the task, and some of the challenges and opportunities for high-performance semiconductor solutions.

