

# HEAVY READING **insider**

## CESR Vendors Target Energy Efficiency Worldwide

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### Report Highlights

**CESR equipment vendors** are using multiple varied techniques to improve energy efficiency

**Overall average energy efficiency** has improved at least 30 percent (watts per Gig) in the last two years and should improve similarly in the next two years

**Improved silicon technology** is the biggest factor in energy efficiency sector-wide; other major contributors include integration, "purpose-building" and more efficient (active and passive) cooling systems

**Enhancing energy efficiency** also helps vendors reduce device size and economize in other ways

**European and Asia/Pacific** service providers give energy efficiency greater priority than North American players, due in part to higher power prices and stronger public requirements in those regions

**Cisco, the largest CESR** vendor, puts great emphasis on component integration

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